



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

UNIVERSITY.

[REPRODUCTION OF THE FIRST EDITION.]

BY

GOLDWIN SMITH, M.A.,

PROFESSOR OF MODERN HISTORY IN THE

UNIVERSITY OF OXFORD.

HIS EDITION OF VIRGIL,

CONSIDERED IN CONNECTION WITH HIS

IS CONSIDERED,

BY A COMMITTEE OF OXFORD.

LIBRARY OF THE
LELAND STANFORD JR. UNIVERSITY.

a. 42528

873.1
JC751

JUL 20 1900

BIBLIOGRAPHY.

- Vol. I. ECLOGUES AND GEORGICS. 1st ed. by Conington 1858
2nd „ (revised) 1865
3rd „ (reprint). 1877
4th revised and enlarged by Nettleship
5th the present edition
- Vol. II. AENEID I.—VI. 1st ed. by Conington
2nd revised by Long and Nettleship
3rd „ „ (reprint)
4th revised by Nettleship
- Vol. III. AENEID VII.—XII. 1st ed. by Conington and Nettleship
2nd revised by Long and Nettleship
3rd revised by Nettleship

[DEDICATION OF THE FIRST EDITION.]

TO

GOLDWIN SMITH, M.A.,

REGIUS PROFESSOR OF MODERN HISTORY IN THE

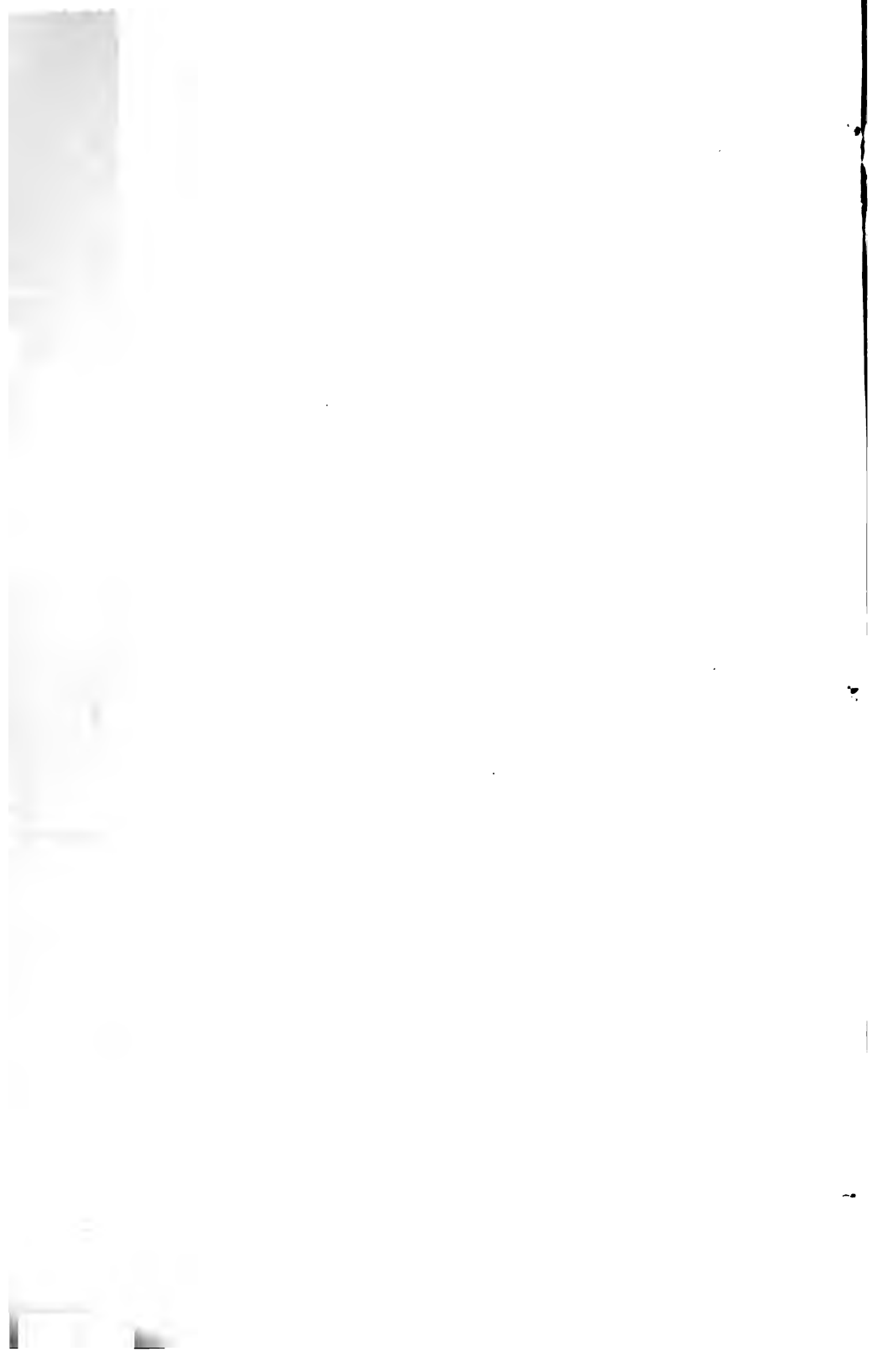
UNIVERSITY OF OXFORD,

THIS EDITION OF VIRGIL,

ORIGINALLY UNDERTAKEN IN CONJUNCTION WITH HIM,

IS INSCRIBED,

IN MEMORY OF A FRIENDSHIP OF MANY YEARS.



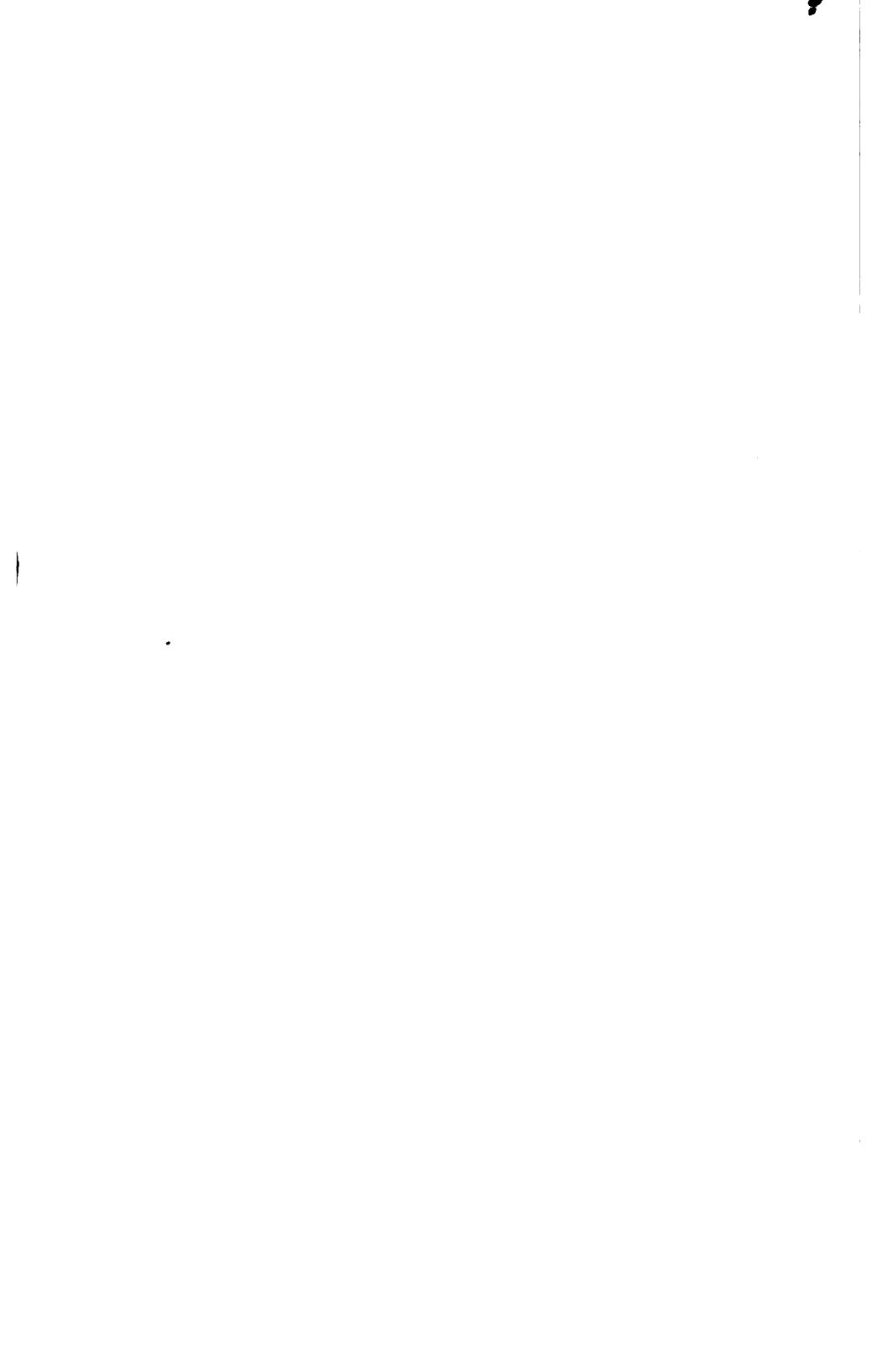
CONTENTS.

	PAGE
PREFACE TO THE FIFTH EDITION	ix
PREFACE TO THE SECOND EDITION	xi
LIFE OF VIRGIL. (H. NETTLESHIP.)	xvii
ON SOME OF THE EARLY CRITICISMS OF VIRGIL'S POETRY. (H. N.)	xxix
THE ANCIENT COMMENTATORS ON VIRGIL. (H. N.)	liv
THE TEXT OF VIRGIL. (H. N.)	ci
INTRODUCTION TO THE ECLOGUES. (J. CONINGTON.)	1
DATES OF THE ECLOGUES. (H. NETTLESHIP.)	21
ECLOGUES	23
ON THE LATER BUCOLIC POETS OF ROME	126
INTRODUCTION TO THE GEORGICS	135
GEORGICS	166
ON THE LATER DIDACTIC POETS OF ROME	402
INDEX	415



STANFORD UNIVERSITY LIBRARY





THE WORKS OF VIRGIL

WITH A COMMENTARY BY

JOHN CONINGTON, M.A.

LATE PROFESSOR OF LATIN IN THE UNIVERSITY OF OXFORD

AND

HENRY NETTLESHIP, M.A.

FORMERLY CORPUS PROFESSOR OF LATIN IN THE UNIVERSITY OF OXFORD

VOL. I. ECLOGUES AND GEORGICS

FIFTH EDITION REVISED BY

F. HAVERFIELD, M.A.

STUDENT AND TUTOR OF CHRIST CHURCH, OXFORD



LONDON

GEORGE BELL AND SONS

1898

S

though it is also conceivable that indications of this kind may have arisen from changes in my own opinion, such as it is no less natural to expect in the course of a protracted work.

Even a transient glance at the contents of the present volume will show that the production of it must necessarily have been a work of time. It does not profess, indeed, any more than the other editions of the *Bibliotheca Classica*, to be a work for the learned, the result of elaborate original research. No manuscripts have been consulted in the formation of the text : a very large portion of the notes may be found in the commentaries of others.

In writing my notes I have had no one class of readers exclusively in view, but have aimed at producing a commentary which should contain such information as is suited to the various wants of a somewhat mixed body—those who constitute the highest classes in the larger schools, and those who read for classical honours at the Universities. As a general rule, however, I have said nothing where I did not think it possible that a doubt might arise in the mind of a fairly instructed reader. My custom has been to take every line as it came before me, and ask myself whether I thoroughly understood it ; and this process has often led me to entertain difficulties which had not previously made themselves felt. Some of these I have come to think of importance : others a little consideration has sufficed to dispel : but it seemed worth while to endeavour to preclude the latter no less than the former. I have not in general desired to furnish information of a kind which is to be found in Lexicons, or in well-known Dictionaries of Antiquities, Biography and Mythology, and Geography.

The essays which I have ventured to introduce in different parts of the volume are intended in one way or another to illustrate the literary peculiarities of Virgil's poems. Here, as elsewhere, I have written rather for learners than for scholars : I have sought to popularize what already exists in less accessible forms. Two of these essays, those introductory to the *Eclogues* and the *Georgics*, were substantially delivered as public lectures before the University : the remaining two, which are of much slighter texture, were written for the present publication.

With regard to the text, I may refer generally to what I have

said in the Preface to my second volume. The publication of Ribbeck's *apparatus criticus* has made a new recension necessary, though here as well as in the *Aeneid* I have accepted his facts without holding myself bound by his judgment. The more important varieties I have mentioned in the notes, particularizing the MSS. in which they are found, and noticing even transcriptional errors when they seemed to suggest any critical considerations. Doubtless the text of Virgil cannot yet be said to be fixed : but it is satisfactory to know that so much has been added to our materials for fixing it. Meantime it may be asserted even with more confidence than before that there are few writers whose text is in so satisfactory a state as Virgil's. Variations there are, and probably will continue to be, as some of the most eminent of the ancient grammarians appear to have made independent recensions, each of which would naturally have distinctive peculiarities. But the choice generally lies between words, each of which has considerable probability, external and internal ; and though the critic may not always feel sure that he has before him the actual hand of Virgil, he is not left to the hopeless confusion which unskilful transcribers have introduced into the text of other authors. The more important MSS., though not always accurate representatives even of their own recension, supply each other's defects : the less important may in general be passed over entirely. The need of critical conjecture is almost wholly removed. Even the two instances where, in the first edition, following other editors, I had disturbed the text without any external authority, have now disappeared. In *Eclogue VII*, v. 54, Lachmann and Madvig have shown ' quaeque ' to be the true reading : in *Eclogue VIII*, though there is no authority for leaving out the burden contained in v. 76, there is authority for introducing a corresponding burden after v. 28, which I have accordingly done.

In the notes I have availed myself largely of the labours of my predecessors. Servius and Philargyrius I have used constantly, though it is likely that some few of their remarks may have escaped me, as I have studied them chiefly in the commentary attached to the *Delphin* and *Variorum Classics*, where they seem not to have been reprinted quite entire.¹ The same collection has

¹ [In this (fifth) edition, Servius is quoted from Thilo's edition. No distinction has

supplied me with many of the notes of Germanus, Cerda, Taubmann, Emmenessius,¹ and others. This field had been partially reaped by Heyne; but I found that he had left me something to glean. From Cerda in particular, whose own complete commentary I have sometimes consulted, I have derived some additional parallel passages, though he is fond of accumulating matter which is not strictly relevant. Trapp's notes, appended to his translation, are not without good sense, but do not show much learning or poetical feeling. Martyn's commentary has been constantly at my side, and has been of some use, independently of its botanical and agricultural information, as containing the opinions of others, particularly Catrou, whose own edition I have never seen. Heyne's explanatory notes deserve much of the praise they have received, but they are deficient in minute attention to the author's language. I have used Voss's commentary on the Eclogues (in Reinhardt's Latin translation) with advantage, frequently availing myself of his research even where I could not accept his views; his commentary on the Georgics I have unfortunately been unable to procure, though I have no reason to believe that it is an uncommon book. The explanatory notes of Wagner are few, though more numerous than those of Spohn and Wunderlich, which he has incorporated in his edition of Heyne; they are however generally valuable, while his *Quaestiones Virgilianae* exhibit very great care and diligence. The merits of Forbiger's edition are chiefly those of a compilation; but it contains a large amount of exegetical matter; it leaves few difficulties unnoticed; and its references to grammars and other works where points of language are examined deserve much commendation. I have made great use of it, levying on it the same kind of contributions which it has levied on others. To Mr. Keightley I owe a more personal acknowledgment, as he was kind enough, when I was preparing my first edition, to place in my hands a copy of his Notes on the Eclogues and Georgics, containing

been made between Servius proper and the additions sometimes called Daniel's Servius. The difference between the two is not very important for an explanatory commentary, and Mr. Nettleship attributed both to Servius, see p. xcvi, note.]

¹ [The dates are Germanus (Germain Vaillant de Guelle, Bishop of Orleans) 1575, the Spaniard Cerda's first edition 1608, Taubmann 1618, Emmenessius 1680. Other early editions quoted are N. Heinsius 1676, Ruæus 1682, Masvicius 1717.]

many MS. corrections and additions, and also to favour me with his opinion on certain points by letter. His book has been chiefly useful to me in relation to agricultural and botanical matters, but I have derived considerable advantage from his independent judgment as a general commentator, though frequently compelled to differ from him on questions of scholarship. From Ladewig's German school commentary (I speak of the first edition only) I have gained something, though his novelties of interpretation seem to me frequently untrue, and his conjectural deviations from the received text unfortunate.

I have carefully studied the valuable review of the first edition of this volume by my friend Mr. Munro, in the *Journal of Classical and Sacred Philology*, frequently adopting his views, and never rejecting them without full consideration. And I have introduced not a few suggestions from a body of remarks kindly forwarded to me by Mr. Blackburn, Rector of Selham in Sussex, who speaks not only as a student of Virgil, but as a man accustomed to country pursuits. While, however, I trust that from these and other sources various improvements will be discovered in the explanatory part of the present edition, it is right to say that it will be found to be substantially unaltered.

As subsidiary works, bearing on the subject of the *Georgics*, I have consulted Dickson's *Husbandry of the Ancients*, and Dr. Daubeny's recently published *Lectures on Roman Husbandry*; but my knowledge has, I fear, not been always sufficient to enable me to use them with effect. The grammar to which I have most frequently referred is Madvig's; the lexicon, Forcellini's.

In concluding the Preface to my first edition, I spoke of my obligations to Mr. Long and his lamented colleague. To their supervision were due the removal of many errors, and the accession of some new information. At the same time I said that their criticisms had very considerably abated the confidence with which I offered the volume to the public: and though the favourable opinion of most of my reviewers, and the sale of a large impression, seem to show that the work has in the main been approved, I have learned quite enough, both from my own increased experience and from the observations of others, to prevent me from

xvi PREFACE TO THE SECOND EDITION.

withdrawing the expression of self-distrust. Where so much has been successfully questioned, it is impossible not to be afraid that there remains behind much more, not only open to dispute, but actually erroneous. I can only say, as before, that I shall be very grateful to any reader who will help me towards accuracy by pointing out my mistakes. Meantime, I may perhaps put in a plea for indulgence on account of the wide field over which the notes extend. A body of several thousands of propositions on a great variety of subjects can hardly fail to yield a large percentage of error.

JOHN CONINGTON.

1865.

LIFE OF VIRGIL.

§ 1. AUTHORITIES. § 2. CHILDHOOD. § 3. EARLY POEMS. § 4. EARLY MANHOOD, THE ECLOGUES. § 5. THE GEORGICS. § 6. THE AENEID. § 7. DEATH. GENERAL DETAILS.

§ 1. THE fullest and most authentic life of Virgil now existing is that prefixed to the commentaries of Aelius and Tiberius Donatus. This memoir, which was formerly attributed to Ti. Donatus, is now by the almost universal consent of scholars assigned to Suetonius.¹ There is also a Life prefixed to the commentary which bears the name of Probus, which may also be ultimately based upon Suetonius, but whose author, whoever he was and whatever authorities he followed, cannot be acquitted of either ignorance or carelessness.² And a short memoir is also prefixed to the commentary of Servius, which, although it is for the most part merely a confused abridgment of the work of Suetonius, contains some additional matter, notably the statement that the lines about Helen in the second Aeneid (vv. 566 foll.) were Virgil's own, and were struck out of his manuscript by Varius and Tucca.

The memoir by Suetonius, in the form in which we now possess it, does not perhaps contain all that Suetonius wrote about Virgil, but so far as it extends its value is all-important. For Suetonius, a diligent and conscientious collector of facts, had access to documents contemporaneous with the poet himself,³ including his correspondence with

¹ Arguments in support of this theory will be found in my edition of the memoir (Ancient Lives of Virgil, Clarendon Press, 1879). I should have added to those already adduced the fact that Jerome, in his additions to the Eusebian chronicle, which in this part are universally acknowledged to come from Suetonius, uses language about Virgil identical with that of the Life attributed to Donatus.—A. Abr. 1948, 1960, 1965, 2003 = Vita Vergilii 2, 7, 35, 36. [See also J. W. Beck in Fleckeisen's Jahrb. cxxxiii 502.]

² He puts the confiscation of Virgil's estate immediately after the *bellum Mutinense* (43 B.C.), instead of after the battle of Philippi. [See also the criticisms of Thilo in Fleckeisen's Jahrb. cxlix 290.]

³ Quintilian, x iii 8, 'Vergilium quoque paucissimos die composuisse versus auctor est Varius.' Gellius, xvii 10, 'amici familiaresque Vergilii in iis quae de ingenio moribusque eius memoriae tradiderunt.' Tacitus, Dial. 13, 'testes Augusti (ad Vergilium) litterae.' Macrobius, Sat. i xxiv 11, preserves a fragment of the correspondence between Augustus and Virgil.

Augustus, and memoirs of him by the poet Varius and other friends. Fragments only of these original authorities have come down to us, but, so far as it goes, the information which they convey corresponds accurately enough with that given by Suetonius.

Such are the sources from which I have drawn the following short account of the life of Virgil.

§ 2. Publius Vergilius Maro was born on the fifteenth of October, in the year 70 B.C., in which Cn. Pompeius Magnus and M. Licinius Crassus were for the first time consuls, at Andes, a *pagus* in the territory of Mantua.¹ The name *Andes* is Celtic, and so apparently is *Vergilius*.² The poet's father was a man of humble origin. According to some accounts he was a worker in pottery, but most authorities represented him as the hired servant of one Magius, a courier,³ whose daughter Magia he at length married. His mother's name is doubtless in great part responsible for the mediæval notion which made Virgil ('*Magiæ filius*') a magician.

If we may trust the authorities mentioned by Suetonius, Virgil's father managed to enrich himself by buying up tracts of woodland and by keeping bees. There is nothing improbable in this statement, as the time when he was thus engaged may well have been the era of the Sullan proscriptions, when land would be cheap. It is probable that Virgil's love for the country was fostered by his early surroundings.

Although of humble origin himself, Virgil's father, like Horace's, seems to have been anxious to give his son the best education attainable. Virgil spent his boyhood at Cremona, and took his *toga virilis* there on his fifteenth birthday (Oct. 15, B.C. 55), on the very day when the poet Lucretius died.⁴ By an odd coincidence, Pompeius and Crassus were a second time consuls in this year. From Cremona Virgil went to Milan, and shortly afterwards to Rome. Here he studied rhetoric under the best masters,⁵ among others (if we may believe the short biography

¹ Suetonius, 2, 'in pago qui Andes dicitur et abest a Mantua non procul.' Jerome a. Abr. 1948, 'Vergilius Maro in pago qui Andes dicitur, haut procul a Mantua.' The memoir attributed to Probus calls Andes a *vicus*, and places it some thirty miles from Mantua. But Andes must have been much nearer to Mantua: see Ancient Lives of Vergil, etc., p. 33.

² [For *Andes* see Holder's Altkeltischer Sprachschatz. Vergilius and Magius were common names in Cisalpine Gaul; see the index to Corpus Inscr. Lat. v.]

³ Suetonius, 1, 'quem quidam opificem figulum, plures Magi cuiusdam viatoris initio mercennarium, mox ob industriam generum tradiderunt, egregieque substantiæ silvis coemendis et apibus curandis auxisse reculam.' (I conjecture *substantiam* . . . *reculæ*.)

⁴ Suetonius, VI 7; Jerome a. Abr. 1965.

⁵ Probus.

given in two Berne manuscripts) Epiidius, who also numbered Antonius and Octavianus among his pupils. The earliest specimen quoted of his poetry is a couplet said to have been written in his boyhood as an epitaph on a brigand Ballista, the master of a school of gladiators :

‘ Monte sub hoc lapidum tegitur Ballista sepultus ;
nocte die tutum carpe, viator, iter.’¹

Suetonius says that among his other studies Virgil paid attention to medicine and astrology.² A notice in the Verona scholia informs us also that he studied philosophy under Siron, a celebrated Epicurean.³ There are some pretty lines in the collection of the minor poems (*κατὰ λεπτρόν*) attributed to Virgil, in which the boy expresses the delight with which he is abandoning rhetoric and grammar, and even poetry, for philosophy :

‘ Ite hinc, inanes, ite, rhetorum ampullae,
inflata rore non Achaico verba ;
et vos, Stiloque Tarquitique Varroque,
scholasticorum natio madens pingui,
ite hinc, inane cymbalon iuventutis.
tuque o mearum cura,⁴ Sexte, curarum
vale, Sabine ; iam valete, formosi ;
nos ad beatos vela mittimus portus,
magni petentes docta dicta Sironis,
vitamque ab omni vindicabimus cura.
ite hinc, Camenae, vos quoque ite iam, sane
dulces Camenae, (nam, fatebimur verum,
dulces fuistis) ; et tamen meas cartas
Revisitote, sed pudenter et raro.’

No scholars, as far as I am aware, see any objection to accepting these lines as genuine. If they are so, they are an interesting testimony to the aspiration for philosophical culture which Virgil expresses again in the second Georgic, and which never left him.

Like Horace, Virgil long felt the influence of the Epicurean system, to a part of which at least he expresses his adherence in a passage in the first Georgic (v. 415 foll.). And we may well believe that it was partly due to the teaching of Siron that Virgil conceived that deep admiration for Lucretius which no careful critic has failed to detect.

§ 3. Suetonius says that at the age of sixteen Virgil wrote the *Culex*,⁵ meaning thereby, I suppose, the worthless hexameter poem which has

¹ Suetonius, 17 ; Servius.

² *Ibid.* 15.

³ *Ecl.* vi 10.

⁴ *Causa*, Haupt.

⁵ Suetonius, 17, ‘ deinde (scripsit) catalepton et priapia et epigrammata et diras, Item Cirim et Culicem cum esset annorum xvi. Scripsit etiam, de qua ambigitur, Aetnam.’ Servius : ‘ scripsit etiam septem sive octo libros hos : Cirin, Aetnam,

come down to us under that name, and which concludes as Suetonius says Virgil's poem concluded. Suetonius is not alone responsible for this statement, for a literary tradition as old as Lucan¹ assigned this piece to Virgil's youth or boyhood. The poem is poor enough in itself, and (as Mr. Munro has pointed out to me) stands sufficiently condemned on metrical grounds. For the author of the *Culex* is careful in the matter of elisions,² never, if possible, allowing two long vowels to coalesce. This strictness is inconceivable in Virgil's youth. A poet who even in his ripest work allowed himself the greatest freedom in eliding vowels is not likely to have been preternaturally scrupulous in his seventeenth year.³

No one now thinks of attributing the *Ciris* or the *Aetna* to Virgil. The workmanship of the *Copa* and the *Moretum* is not unworthy of the Augustan age; but this does not, of course, prove that they are from the hand of Virgil.

Of the short poems known under the various names of *Catalecton*, *Catalepta*, and *Catalecta*, but more rightly, as Bergk and Unger have shown, named *Catalepton* (*τὰ κατὰ λεπτόν*, or minor poems), the second, 'Corinthiorum amator iste verborum,' is expressly attributed to Virgil by Quintilian (VIII iii 27), though even this testimony cannot be accepted as conclusive. Of the fifth, 'Ite hinc inanes, ite, rhetorum ampullae,' I have already spoken; there seems no reason to doubt the genuineness of the tenth, 'Sabinus ille quem videtis hospites,' a parody of Catullus'

Culicem, *Priapeia*, *catalepton*, *epigrammata*, *Copam*, *diras*.¹ I doubt whether these two statements can be taken as independent. There is considerable critical difficulty about the passage. In Suetonius the Canonician MS., which, though late, represents a good tradition, reads *moretum* for *catalepton*: and Servius' words *septem sive octo* require explanation. My own opinion is that Suetonius wrote *deinde Culicem cum esset annorum xvi*, and that the rest is an interpolation. Servius' *septem sive octo* I should explain by supposing that *epigrammata* and *catalepton* refer to the same set of minor poems: that one word was written over the other as an explanation, and thus crept into the text, and that the scribe, in doubt whether to count *epigrammata* and *catalepton* as two sets of poems or one, saved his conscience by adding *sive octo* after *septem*. Baehrens, however, in his edition of these poems (Leipzig, 1880), accepts the text of Suetonius and Servius, whom he treats as independent authorities, as genuine, and contends that the title *catalepton* includes *all* the minor poems attributed to Virgil, and that the true title of the short pieces is *epigrammata* or *praclusiones*. I agree with him that *epigrammata* would be a very good term to designate the short pieces, but I doubt whether *τὰ κατὰ λεπτόν* could include the larger ones, and suspect that *epigrammata* and *catalepton* were synonymous.

¹ Suetonius, *Vita Lucani*.

² Baehrens also lays stress upon this point in the work just quoted (p. 26).

³ [Prof. R. Ellis (*Classical Rev.* x 183) ascribes the *Culex* to some imitator of Virgil, familiar with the *Georgics* and possibly with the *Aeneid*, who wrote not very long after *Actium*.]

phasellus. The eighth, 'Villula quae Sironis eras,' purports to be written by Virgil in the year 41, when he was flying from his home. He addresses the villa of his master Siron, and implores it to give shelter and a home to him and his father. This poem has as good a claim to acceptance as any in the collection; but the thirteenth, the author of which speaks of himself as a soldier accustomed to hard campaigning, cannot possibly be by Virgil. The third ('Aspice quem valido subnixum gloria regno') may very well, as I have argued elsewhere,¹ apply to Phraates, and in that case must belong to the year 32 B.C., the thirty-eighth of Virgil's age. Considering this fact it can hardly, perhaps, be pronounced worthy of him. Of the sixth and the twelfth all that can be said is that they are lampoons in the manner of Catullus. Two poems (4 and 11) are addressed apparently to Octavius Musa, an historian of note. The authorship both of these and the rest of the collection remains at present uncertain.

§ 4. But, whatever be the case with regard to these poems, we must look to the Eclogues and Georgics if we would learn anything of the studies and political leanings of Virgil's early manhood. To take the last point first, it must never be forgotten that Virgil's boyhood was passed in the full blaze of Julius Caesar's glory. Virgil was a boy of fifteen when Caesar invaded Britain; an expedition which impressed the fancy even of the hostile Catullus. And there were nearer ties which bound Virgil's native country to Caesar. In 49 B.C. (the twenty-first of Virgil's age) Caesar, who had for nineteen years been patron of Gallia Transpadana, conferred full Roman citizenship on its inhabitants. The whole career of the Dictator must, in fact, have deeply impressed the imagination of the young poet. The literary men of the previous generation had mostly espoused the cause of the republic; but a change, for which the course of events quite sufficiently accounts, began with Sallust, Virgil, and Varius. If the fifth Eclogue is rightly referred to Julius Caesar, we may take this poem as well as the conclusion of the first Georgic as Virgil's tribute to the man whom he regarded as the saviour of his country.

Turning now to Virgil's early studies, it is clear from the Eclogues and the Georgics that they were mainly devoted to the Alexandrian poets, and among the Roman poets to Lucretius (witness the sixth Eclogue), to Helvius Cinna, and to Varius. These last he expressly mentions as writers whose fame he would fain emulate if he could.² Helvius Cinna, whose poem on Smyrna, admired of Catullus, had

¹ Ancient Lives of Vergil, p. 34 foll. I am glad to find that Baehrens has arrived independently at the same conclusion.

² E. IX 36. 'Nam neque adhuc Vario videor nec dicere Cinna Digna' (41 B.C.)

occupied him nine years, is said in a notice preserved by Philargyrius to have given the occasion for Horace's precept 'nonumque prematur in annum.' We may conjecture that he was admired by Virgil as setting an example of severe learning and minute study of form. Varius may have inspired Virgil with the love of epic and tragedy. It is curious that before he began the Eclogues he attempted a poem on Roman history, but found the subject uncongenial to his then frame of mind.¹

The Ciceronian age, barren of epic, tragedy, and comedy, had produced only lyric, didactic, and learned poetry. Virgil's youth was passed under the direct influence of the Alexandrian school and its followers in Italy; with Cornelius Gallus, one of the most distinguished among the 'cantores Euphorionis,' he was on terms of intimate friendship.² It is remarkable how Virgil's genius and tact enabled him to avoid the characteristic faults of the Alexandrians and their imitators. *Non hic te carmine ficto Atque per ambages et longa exorsa tenebo.* Their merits he makes his own, their refinement and their beauty; but there is nothing to show that he had ever any taste for the obscurity and affectation and love of recondite mythology which Catullus and Propertius and probably Cinna allowed to blemish much of their writing.

Before the year 41 B.C., Virgil had been fortunate enough to win the friendship of Asinius Pollio,³ whom he mentions in the third Eclogue as encouraging his attempts in the way of pastoral poetry, as well as that of Cornelius Gallus and Alfenus Varus. Pollio was *legatus* in Gallia Cisalpina in 43 B.C.; whether Virgil knew him before this is not certain. When the troubles of the year 41 came, and Virgil, like Propertius and Tibullus, was ejected from his estate, the influence of these three friends procured its restitution from Octavianus, who found it a hard task to silence the complaints of the ejected landowners, without giving dangerous offence to his veterans.⁴

In the quarrel which attended Virgil's expulsion from his farm he was aided by the wealthy and accomplished Etruscan *eques*, C. Cilnius Maecenas, with whom he had previously been acquainted, and was afterwards on terms of intimate friendship.⁵ The Eclogues, published

¹ Suetonius, 19, 'Cum res Romanas incohasset, offensus materia ad Bucolica transiit.' Ecl. vi 3, 'Cum canerem reges et proelia, Cynthus aurem Vellit et admonuit.'

² See the sixth and tenth Eclogues.

³ Ecl. iii 84, 'Pollio amat nostram, quamvis est rustica, Musam.'

⁴ For a discussion of the history of these events as bearing on the first and ninth Eclogues, see the Excursus at the end of Eclogue IX, [and Thilo in Fleckeisen's *Jahrb.* cxlix 301.]

⁵ Suetonius, 20.

probably in 37 B.C. or thereabouts,¹ were intended, says Suetonius, as a thank-offering to Gallus, Pollio, and Varus. The first is, of course, intended as a compliment to Octavianus; but of the remaining nine, two (the fourth and eighth) are dedicated to Pollio, two (the sixth and ninth) to Varus, and one (the tenth) to Gallus, who is also mentioned in terms of the greatest affection in the sixth.

The acquaintance of Horace with Virgil must have begun before the publication of the Eclogues. It was either in the year 40 or 38 or 37 (the year when the last Eclogue was probably composed), that Virgil, with Varius and Tucca, the future editors of his *Aeneid*, joined Horace at Sinuessa on a journey to Brundisium.² Horace speaks of Virgil as at that time one of his most intimate friends, as if their acquaintance were now of long standing. The only relic, as far as I am aware, of the early period of this friendship is the twelfth ode of Horace's fourth book, which, in spite of the fact that this book was published after Virgil's death, it seems reasonable to refer to him. The ode, which Horace perhaps had not cared to publish before, is addressed to a Vergilius whom Horace asks to dinner on condition of his bringing with him a box of nard in exchange for Horace's wine. The language of the poem would very well suit the time when both poets were young and Horace poor, and before his introduction by Virgil, the *iuvenum nobilium cliens*, to the circle of Maecenas.

Horace's judgment of the Eclogues³ is well known: 'molle atque facetum (epos) Vergilio adnuerunt gaudentes rure Camenae,' the Muses have granted him tenderness and refined wit in his hexameter writing. The literary sympathy and intimate friendship between Horace and Virgil was of immense importance as affecting the history of Roman literature. It was they who, while enjoining a closer study of the Greek masterpieces in their length and breadth than had hitherto been given to them, formed the classical style of Roman poetry, and showed how close imitation of great models was compatible with a free and noble manner, untainted by pedantry or servility. I have endeavoured elsewhere⁴ to collect some of the passages which resemble each other in the earlier works of these twin poets, thus attesting (in all probability) a constant and intimate communication between them.

The Eclogues, says Suetonius,⁵ were so popular that they were often

¹ The chronology of the Eclogues is discussed in the introduction to those poems, pp. 21, 22. Ribbeck assigns them to B.C. 42-39.

² Sat. I v 40.

³ Sat. I x. The date of this satire cannot be later than 32 B.C., and the Georgics were not finished till 29.

⁴ Ancient Lives, etc., pp. 62, 63.

⁵ Sueton. 26.

recited in the theatre. The same was the case with some of the poems of Ovid. On one occasion, if we may believe Tacitus,¹ the whole audience rose on hearing some of Virgil's verses, and testified their homage to the poet, who happened to be present.

§ 5. When Virgil began the Georgics there is no positive evidence to determine. They were undertaken partly in honour of Maecenas,² as a token of gratitude for the assistance which he had given the poet in the troubles of the year 41. The line in the first Georgic (509), *hic movet Euphrates, illic Germania bellum*, is usually taken as referring to the events of 37 B.C.; but it is possible (see the note on the passage) that it may have been written in 33 or 32. We know³ that the Georgics were read to Octavianus after his return from the East in 29 B.C. This then is their *terminus ad quem*: the only *terminus a quo* is the passage alluding to the *portus Iulius* in the second Georgic (161). This harbour was completed by Agrippa in 37 B.C., and the verses in question cannot therefore be earlier than that event. And these limits tally sufficiently with the statement of Suetonius⁴ that the Georgics were written in seven years.

Yet, if we are to press literally the concluding lines of the fourth Georgic, Virgil must have written the bulk of the three first Georgics at Naples in the years 31-29, when Octavianus was settling the affairs of the East.⁵ The expressions of Virgil in this place need not, however, mean more than that he was generally occupied with the work at that time. He appears to have worked at the Georgics very slowly, writing only a very few lines every day;⁶ and it may well be that although he had begun the poem as early as B.C. 36, the final touches were added between 31 and 29. The Georgics themselves do not offer much in the way of internal evidence towards enabling us to decide when different parts were composed. The openings of the first and third Georgic, I incline to think, were written for the recitation of 29 B.C., later, that is, than anything else in the whole work: the conclusions of the first and of the second Georgic are, perhaps, best referred to the end of 33 or the beginning of 32 B.C. The conclusion of the fourth Georgic was re-written after 26 (p. xxvi).

The opening of the third Georgic would be more easily intelligible could we suppose that the book was written either in Greece, or after a visit to that country. There is something to be urged in favour of this hypothesis. In the third ode of his first book, Horace speaks of a Vergilius, whom he calls *animae dimidium meae*, and for whom he prays a safe journey to the coast of Attica. It is difficult, if not impossible, to suppose that this Vergilius can be any one but our Virgil. The only re-

¹ Dial. 13.

² Sueton. 20.

³ Ibid. 27, and my note.

⁴ Sueton. 25.

⁵ G. IV fin.

⁶ Sueton. 22.

corded journey of Virgil to Greece is that which he made B.C. 19, a little while before his death; but to this it is impossible that Horace can be alluding, the ode in question having been written much earlier. May Horace then be referring to a journey taken by Virgil about the time when the third Georgic was written? ¹

§ 6. In the year 31 came the battle of Actium; in 29 Octavianus returned to Italy from the East. Virgil, who with the assistance of Maecenas read the Georgics to him at Atella, seems to have intended at this time to write an epic poem in celebration of his exploits. The poets were busy upon the battle of Actium, and Virgil was for the time caught by the general enthusiasm. But he cannot have entertained the idea for long. Like Horace, he, for some reason or other, seems to have shrunk from the direct celebration of the acts of any person: thus in the sixth Eclogue he refuses to perform this service for Varus. Perhaps he thought, like Horace, that Varius was the right man to treat such subjects: *Scriberis Varii fortis et hostium Victor, Maeonii carminis aliti*. However this may be, he preferred a wider field, and turned his thoughts to the Aeneid.

He was engaged for the rest of his life, ten years, on this great epic, which he never lived to finish. Suetonius ² preserves a very important notice regarding the manner in which the Aeneid was composed. Virgil drafted it in prose, and then wrote the books in no particular order, but just as the fancy took him. This fact fully accounts for the numerous inconsistencies in the narrative as we have it. The narrative of the wanderings of Aeneas in the third book is not to be reconciled with that given in the first and fifth; the fifth interferes with the course of events as narrated in the fourth and sixth, and is inconsistent with the sixth in its account of the death of Palinurus.

There seems no doubt that the third book was written before the second. For in the second Creusa foretells to Aeneas that he is destined to come to the land of the Tiber, while in the third he is represented as acting in entire forgetfulness of this prophecy: a fact easily explained if we suppose that the second book was written after the third. For the rest, there are very few notes of time to aid us in determining how Virgil distributed his work over the ten years he was able to give to it. He must very soon after beginning his labours have read parts of the new poem to his friends. In a poem written in or about 26 B.C. (III 26), Propertius has the well-known lines—

¹ My friend Mr. T. W. Jackson, of Worcester College, has noticed that the third Georgic seems pervaded by a poet's enthusiasm for Greece.

² 23, 'Aeneida prosa prius oratione formatam digestamque in xii libros particulatim componere instituit, prout liberet quidque et nihil in ordinem arripiens.'

‘Cedite Romani scriptores, cedite Grai,
Nescio quid maius nascitur Iliade,’

which show that he was one of the friends who were admitted by Virgil to listen and criticise.¹ I have elsewhere² endeavoured to collect other evidence of this fact drawn from coincidences of language between Propertius and Virgil.

In 26 and 25 B.C. Augustus was absent in Spain, and wrote to Virgil pressing him to send him either his first sketch of the Aeneid, or any paragraph or passage he pleased.³ Virgil refused,⁴ urging that he had as yet nothing sufficiently finished, and dwelling on the vastness of the material, and the new studies that he was about to give to the subject. The second, fourth, and sixth books were, however, at length read to Augustus and Octavia. This must have been after the death of the young Marcellus in 23 B.C. When Virgil came to the famous passage, ‘Tu Marcellus eris,’ Octavia is said to have fallen into a long swoon.⁵

The events of 19 B.C. are alluded to in the sixth and seventh books (VI 794, VII 606), which shows that Virgil was still busy with this part of the Aeneid till within a short time of his death. Ribbeck supposes that he was also engaged in the latter years of his life upon a fresh edition of the Georgics. However this may be, there seems no reason to doubt that the end of the fourth Georgic was altered in or after the year 26, when the poet Gallus came to his tragical and untimely end. The original conclusion of the book, which in some way or other had been intended by Virgil as a compliment to Gallus, was, at the instance of Augustus, cut out, and the episode of Aristaeus substituted for it.⁶

§ 7. In the year 19 Virgil had intended to travel into Greece and Asia Minor, with the view of spending three years there in finishing and

¹ Suetonius, 33, ‘recitavit et pluribus, sed neque frequenter et ea fere de quibus ambigebat, quo magis iudicium hominum experiretur.’

² Ancient Lives, etc., p. 67. [Rothstein, in *Hermes* xxiv (1889) 1-34, argues that Virgil copied Propertius in the Aeneid, while Propertius copied the Georgics and Eclogues.]

³ Suetonius, 31, ‘supplicibus atque etiam minacibus per iocum litteris efflagitabat ut sibi “de Aeneide,” ut ipsius verba sunt, “vel prima carminis ὑπογραφή vel quod libet colon mitteretur.”’

⁴ Macrob. Sat. I xxiv 11, ‘tanta incohata res est ut paene vitio mentis tantum opus ingressus mihi videar.’

⁵ Suetonius, 31, ‘cui (Augusto) tamen multo post perfectaue demum materia tres omnino libros recitavit, secundum quartum et sextum, sed hunc notabili Octaviae adfectione, quae cum recitationi interesset, ad illos de filio suo versus “Tu Marcellus eris” defecisse fertur atque aegre focolata est.’

⁶ Servius, G. IV 1, ‘sciendum, ut supra diximus, ultimam partem huius libri esse mutatam. Nam laudes Galli habuit locus ille qui nunc Orphei continet fabulam, quae inserta est postquam irato Augusto Gallus occisus est.’

polishing the *Aeneid*.¹ This done, he hoped to devote the rest of his life to philosophy. But it was not to be. At Athens he met Augustus, who was returning from the East, and decided to return with him to Italy. On a very hot September day he went to Megara, and afterwards fell ill. He was worse when he arrived, after an uninterrupted voyage, at Brundisium, where he died a few days afterwards, on the 20th of September.

Before leaving Italy Virgil had tried in vain to extract a promise from Varius that if anything should happen to him, he would burn the *Aeneid*. On his deathbed he constantly asked for his manuscript to burn it; but this request being also refused he left his writings in his will to Varius and Tucca, with the proviso that they were to publish nothing which had not been already given to the world. With the sanction of Augustus, if not at his instance, Virgil's last wish was judiciously disregarded, and the *Aeneid* was published by Varius and Tucca, with such corrections only as were absolutely necessary, even the unfinished verses being left as they stood.²

Virgil is said to have been tall, dark, and of a rustic appearance. His health was indifferent, for he suffered from weakness in the throat and stomach, as well as from headaches and spitting of blood. Little is known of his character, but what is known is (with doubtful exceptions) in his favour. His own language about his poems in the *Eclogues* leads us to imagine him fastidious, modest, and sensitive, and this apparently was the general impression. The modesty of his looks procured him at Naples the punning nickname of *Parthenias*. He objected very much to the demonstrations made in his honour if ever he appeared in the streets of Rome, an event, if we may believe Suetonius, of very rare occurrence.³

He was a very bad speaker,⁴ and failed completely when in his early life he attempted the profession of advocate. But his reading was so beautiful that⁵ Julius Montanus, a contemporary poet, said that verses

¹ Sueton. 35 foll.

² *Ibid.* 39-41. 'Egerat cum Vario priusquam Italia decederet ut si quid sibi accidisset *Aeneida* combureret; at is facturum se pernegarat. Igitur in extrema valetudine adsidue scrinia desideravit crematurus ipse; verum nemine offerente nihil quidem nominatim de ea caviti, ceterum eidem Vario ac simul Tuccae scripta sua sub ea condicione legavit ne quid ederent quod non a se editum esset. Edidit autem auctore Augusto Varius, sed summatim emendata, ut qui versus etiam imperfectos sicuti erant reliquerit': *ib.* 37. 'L. Varius et Plotium Tuccam, qui eius *Aeneida* post obitum iussu Caesaris emendaverunt.'

³ *Ibid.* 8-12.

⁴ *Ibid.* 15-16, 'egit et causam apud iudices unam omnino, nec amplius quam semel, nam et in sermone tardissimum ac paene indocto similem fuisse *Melissus* tradidit.'

⁵ *Ibid.* 28-29.

which in themselves seemed lifeless and trivial sounded well when he recited them.

Virgil's father must, if we may trust the little poem in the Catalepton addressed to the villa of Siron,¹ have been alive at the time of the confiscations of 41 B.C. He was blind at the time of his death.² Virgil had two brothers, Silo and Flaccus. Silo died in his boyhood; Flaccus, who died in riper years, is said by Suetonius to have been the Daphnis of the fifth Eclogue.³ Virgil's mother, Magia, survived her husband and married again. A son, named Valerius Proculus, was the issue of this union.

Virgil seems to have been much beloved by his friends, among whom perhaps the most intimate were Horace, Quintilius Varus, Varius, and Tucca.⁴ Horace describes⁵ Virgil and Varius, whom he constantly mentions together, as most transparent and lovable souls.

Owing to the generosity of his friends Virgil enjoyed a fortune of nearly £100,000. It is interesting to know that when Augustus offered him the property of an exiled citizen, whose name has not been preserved, he could not bring himself to accept it. He was seldom at Rome, though he had a house there near the gardens of Maecenas, and spent most of his time in Sicily or Campania.⁶ Half of his property he left to his half-brother Valerius Proculus, a quarter to Augustus, a twelfth part to Maecenas, and the rest to Varius and Tucca. His remains were taken to Naples and buried in a tomb on the road to Puteoli, with the epitaph—

‘ Mantua me genuit, Calabri rapuere, tenet nunc
Parthenope : cecini pascua, rura, duces.’⁷

¹ Catal. VIII. ‘ Villula quae Sironis eras et pauper agelle,
verum illi domino tu quoque deliciae,
me tibi et hos una mecum, quos semper amavi,
si quid de patria tristius audiero,
commendo, in primisque patrem : tu nunc eris illi
Mantua quod fuerat quodque Cremona prius.’

² Sueton. 14.

⁴ Probus.

⁶ Sueton. 12-13.

³ Ibid. 14.

⁵ Sat. 1-v.

⁷ Ibid. 36-37.

ON SOME OF THE EARLY CRITICISMS OF VIRGIL'S POETRY.

THAT Virgil was attacked during his life-time for his innovations in style we are assured by express statements in the memoir by Suetonius. After his death Carvilius Pictor published an *Aeneidomastix*, on the analogy of the *Homeromastix* of Zoilus, and the *Ciceromastix* mentioned at the beginning of the seventh book of Aulus Gellius; Herennius collected his *vitia*, which I suppose means faults of expression, Perellius Faustus his plagiarisms (*furta*); while an apparently neutral work, called *ὁμοιότητες*, or a collection of his translations from the Greek, by Octavius Avitus, filled eight books.

A reply to the *obtretractores Vergilii* was written by Asconius Pedianus; a fact which may throw some light on the date of the works mentioned by Suetonius. For Asconius lived in the first part of the first century A.D.; and if, as it is reasonable from the language of Suetonius to infer, his work was a reply to the three books of Carvilius Pictor, Herennius, and Perellius Faustus, it follows that those works cannot have been published at any very great distance of time from Virgil's death, which took place in 19 B.C.

I propose to ask whether it is possible to trace any remains of these criticisms, and the replies to them, in the notes of Servius¹ and Macrobius, or elsewhere.

I.

And first as to criticisms passed upon Virgil for new combinations of words. Agrippa said that Virgil had been suborned by Maecenas to invent a new kind of affectation (*κακοζήλεια*), which consisted in an unusual employment of ordinary words,² and was therefore difficult of detection. With this criticism I am strongly inclined to connect a passage in Horace's *Ars Poetica* (v. 45 foll.), a work which, as Michaelis³

¹ In the following pages, when the name of Servius is mentioned without any addition, the so-called Vulgate or uninterpolated text of Servius is meant. By Servius (Dan.), on the other hand, is meant the Servius edited by Peter Daniel, and containing the additional notes printed by Thilo (in his recent edition) in italics. The relation of these notes to those of the Vulgate is discussed below in the section on Servius.

² Sueton. 44, 'M. Vipsanius a Maecenate eum suppositum appellabat novae cacozeliae repertorem, non tumidae nec exilis, sed ex communibus verbis atque ideo latentis.'

³ In the *Commentationes Philologicae* recently published in honour of Mommsen.

has recently argued, may very probably have been written when Virgil was alive--

'In verbis etiam tenuis cautusque serendis,
hoc amet, hoc spernat promissi carminis auctor :
dixeris egregie, notum si callida verbum
reddiderit iunctura novum.'

Horace asserts that new combinations of ordinary words, if made with nicety and caution (*tenuis cautusque*), are to be put down to a poet's credit. Now in the whole context of this passage (to which I shall have to return again) Horace is defending himself and his school against the attacks of hostile criticism; and it is therefore very probable that his remarks about new combinations of words may be intended as a covert reply to such charges as that brought by Agrippa.

Herennius, says Suetonius, made a collection of Virgil's *vitia*. *Vitium* would, I suppose, mean any fault in style or expression. Quintilian says of *κακοζήλια* (VIII iii 56), that it is *omnium in eloquentia vitiorum pessimum*. *Vitia*, therefore, would include affectation real or alleged, and we can hardly doubt that the work of Herennius included instances of this. Perhaps it may also have included the *vitia in versibus quae a nonnullis imperite reprehenduntur* mentioned by Macrobius v xiv 1 : such alleged metrical errors as *arietat in portas, parietibus textum caecis, duros obice postes, quin protinus omnia, arbutus horrida*. Macrobius goes on (ib. § 5) to mention verses *vulsis ac rasis similes et nihil differentes ab usu loquendi*, as *omnia vincit Amor, et nos cedamus Amori : Nudus in ignota, Palinure, iacebis harena*. These are defended by the example of Homer : but the words *vulsis ac rasis similes* have all the air of a quotation from a hostile critic. It must be remembered that Macrobius' *Saturnalia* is a mere succession of extracts from older works, sometimes strung together in no logical order, and without anything to show where the transition from one writer to another is to be looked for. The only interest in reading him is, therefore, that he makes us curious to get back, if possible, to the sources on which he is drawing.

In Macrobius vi vi Servius is represented as quoting some instances of new figures, or combinations of words, employed by Virgil, 'Vates iste venerabilis varie modo verba modo sensus figurando multum Latinitati leporis adiecit.' His instances are *Supposita de matre nothos furatae creavit, creavit* being used for *creari fecit* : *tepida recentem Caede locum : socii cesserunt aequore iusso : caeso sparsurus sanguine flammam : vota deum primo victor solvebat Eoo : et me consortem nati concede sepulchro : illa viam celerans par mille coloribus arcum*, and some others, two only of which I will quote as bearing specially on the question before us : '*frontem obscenam rugis arat : arat non nimie sed pulchre dictum*'; and '*discolor unde auri per ramos aura refulsit : quid enim est aura auri, aut quemadmodum aura refulget ? Sed tamen pulchre usurpavit.*'

The two last comments which I have quoted are plainly answers to hostile criticisms; in the last, indeed, the very wording of the criticism

is given : *Quid enim est aura auri*, etc. A careful reader of Macrobius, who has observed the very slovenly style of his patchwork, will be not disinclined to infer that perhaps all the passages quoted from § 2 to § 11 of this chapter had been fixed upon for attack by collectors (whether Herennius or others) of the *vitia Vergilii*, and were subsequently defended by friendly critics. And here it will be well to compare the Servius of Macrobius' Dialogue with the *scholia* which go under the name of Servius, in order, if possible, to ascertain the relation between them. I shall exhibit the two in parallel columns :

THE SERVIUS OF MACROBIUS.

Nothos furata creavit : ut ipsa creaverit quos creari fecit.

Tepidaque recentem Caede locum, cum locus *recens caede* nove dictus sit.

Socii cesserunt aequore iusso, pro eo quod est *iussi cesserunt*.

Caeso sparsurus sanguine flammis : qui ex caesis videlicet profunditur.

Vota deum primo victor solvebat Eoo. Pro *quae dis vota sunt*.

Me consortem nati concede sepulchro. Alius dixisset, *et me consortem nato concede sepulchri*.

Illa viam celerans per mille coloribus arcum : id est *per arcum mille colorum*.

Spolia . . . coniciunt igni ; pro *in ignem*.

Corpore tela modo atque oculis vigilantibus exit. *Tela exit*, pro *vita*'.

Senior leto canentia lumina solvit ; pro *vetustate senilia*.

Exesaeque arboris antro : pro *caverna*.

Frontem obscenam rugis arat. *Arat* non nimie sed pulchre dictum.

Ter circum aerato circumfert tegmine silvam. Pro *iaculis*.

Vir gregis, pro *capro*.

Oraque corticibus sumunt horrenda cavatis. *Ora* pro *personis*.

Discolor unde auri per ramos aura refluxit. Quid enim est *aura auri*, aut quemadmodum *aura refluxet* ? Sed tamen pulchre usurpavit.

Simili frondescit virga metallo. Quam bene usus est *frondescit metallo* !

THE SERVIUS OF THE COMMENTARY.

Silent.

Aen. IX 455. Hypallage est pro *tepidum locum recenti caede*. Unde multi legunt *tepidumque recenti Caede locum*.

Aen. X 444. Pro *ipsi iussi*. (Probus.)

Aen. XI 82. Pro *caesorum*.

Aen. XI 4. Subaudimus *tempore*.

Aen. X 906. Silent.

Aen. V 609. Aut subaudis *factum*, aut antiptosis est *mille colorum*.

Aen. XI 193. Silent.

Aen. V 438, *exit*, vitat, declinat : unde de Venulo (XI 750) *et vim viribus exit*. Et hoc verbo bis usus est.

Aen. X 418, aut hypallage est pro *ipse canens*, aut physicam rem dicit. Dicuntur enim pupillae mortis tempore albescere.

Georg. IV 44. Silent.

Aen. VII 417. Silent.

Aen. X 887. Silent.

Ecl. VII 7 (Dan.). Horatius (Od. I xvii 7) *olentis uxoris mariti*, et Theocritus (VIII 49) *ὦ τράγε, τὰν λευκὰν αἰγῶν ἀνερ*.

Georg. II 387, qui ea (ludicra) exercebant, propter verecundiam remedium hoc adhibuerunt, ne agnoscerentur, ut personas factas de arborum corticibus sumerent.

Aen. VI 204. *Auri aura*, splendor auri. Horatius (Od. II viii 23) *tua ne retardet Aura maritos*, i.e. splendor. Hinc et aurum dicitur a splendore qui est in eo metallo.

Aen. VI 144. *frondescit*, in naturam redit ; et honeste locutus est dicens *habet frondes sui metalli*.

xxxii VIRGIL AND HIS ANCIENT CRITICS.

THE SERVIUS OF MACROBIUS.

Nigri cum lacte veneni . . . nigro imponere nomen lactis.

Haud aliter iustae quibus est Merentius irae. Odio esse aliquem usitatum; irae esse inventum Maronis est.

THE SERVIUS OF THE COMMENTARY.

Aen. IV 514, *nigri* aut *noxii*, quia *nigri* fiunt homines post venenum, aut certi illud est, quia sunt herbae *nigri lactis*, id est *suci*. Dicunt autem per periphrasin *agreste papaver significari*.

Aen. X 716. Silent.

Without quoting all the instances of novel refinement in language given in Macrobius, we are, I think, justified in asserting that there were a number of expressions in Virgil which were felt to require defence or explanation. That Macrobius had in his hands some work or works in which they were attacked, or, at least, remarked upon, may be inferred from two facts. First, it will be observed that in at least four of the notes above quoted, he seems to be giving the actual words of an adversary: I mean those on Aen. VII 417, VI 204, IV 514 (here the words are now mutilated), and X 716. Secondly, the criticisms fall roughly under heads, though Macrobius does not say so. *Recens caede, caeso sanguine*, are instances of an uncommon use of adjectives; *vota deum, consortem nati, mille coloribus arcum, concidunt igni*, of an uncommon use of cases: *tela exit*, of an uncommon use of a verb. The instances which follow are cases of metaphors: *caenitiae lumina, arboris antro, frontem arat, aerato circumfert tegmine silvam, vir gregis, aquae mons, telorum seges, ferreus imber*. Then comes a mention of some expressions not easily reduceable under any particular head, as *Dona laboratae Cereris*: and, finally, a note on Virgil's use of one word for another, as *ora* for *personas*.

Supposing the whole passage to be an extract from some collection of such expressions, these two facts will be easily explained. A comparison of the notes given in parallel columns will, I think, show that the Servius of the Saturnalia stands in no relation of dependence to the real Servius. The real Servius is sometimes silent where Macrobius has a note; sometimes he is fuller, sometimes less full than Macrobius; sometimes he seems to be defending Virgil against an objection; sometimes his remark adds something new, or is altogether different. At the same time, the same passages are, on the whole, commented on in both; and this fact, when put together with that of the discrepancies just noticed, points to the conclusion that both are ultimately derived from the same source. (See further pp. xlv and xlix.)

To this source, whatever it was, we may, perhaps, owe the following notes in the commentary bearing the name of Servius: Aen. VII 7, '*tendit iter velis*: aliud est iter velis tendere, aliud per vela iter (per iter vela?). Et multi dicunt improprie dictum, multi nimium proprie.' Aen. XII 524, '*quaeritur quid sit virgulta sonantia lauro*;' compare the remark on *aura* quoted above, '*quid est enim aura auri*?' Aen. XII 591, *ater odor*: nove.'

II.

But it was remarked not only that Virgil ventured on new combinations of words, but that he invented new words. Here, again, it is perhaps allowable to start from the previously-quoted passage in the *Ars Poetica* (vv. 48 foll.):

‘ Si forte necesse est
indiciis monstrare recentibus abdita rerum,
fingere cinctutis non exaudita Cethegis
continget, dabiturque licentia sumpta pudenter,
et nova fictaque nuper habebunt verba fidem, si
Graeco fonte cadant, parce detorta. quid autem?
Caecilio Plautoque dabit Romanus, ademptum
Vergilio Varioque? ego cur, acquirere pauca
si possum, invideor, cum lingua Catonis et Enni
sermonem patrium ditaverit, et nova rerum
nomina protulerit?’

Here Virgil is mentioned by name, and it is distinctly implied that he was attacked for the invention of new words. Horace says that words lately coined will pass current if derived, with sparing alteration, from a Greek source. I am not sure that I clearly understand what this means. But that Virgil was attacked for his use of Greek words is clear from Macrobius i xxiv 7, ‘si . . mille alia multum pudenda seu in verbis modo Graecis modo barbaris, seu in ipsa dispositione operis deprehenderentur.’ Compare v xvii 15, ‘postremo Graecae linguae quam se libenter addixerit de crebris quae usurpat vocabulis aestimate:’ and the critic mentions *dius*, *daedala*, *trieterica*, *choreas*, *hyalus*, and some others, concluding thus, after noticing the poet’s predilection for Greek inflections, ‘denique omnia carmina sua Graece maluit inscribere, *Bucolica Georgica Aeneis*, cuius nominis figuratio a regula Latinitatis aliena est.’

In the sixth book of the *Saturnalia* (iv 17) Virgil is defended for this proceeding by the argument that other writers had used Greek words before him: ‘insevit operi suo et Graeca verba, sed non primus hoc ausus.’ *Lychni*, *aethra*, *daedalus*, *reboant* are then justified by the example of older poets; and the critic remarks ‘sed hac licentia largius usi sunt veteres, parcius Maro: quippe illi dixerunt et *pausam* et *machaeram* et *asotiam* et *malacem* et alia similia.’ This is Horace’s argument: why should not Virgil and Varius be allowed what was not forbidden to Caecilius, Plautus, Ennius and Cato?

But Virgil (Macrobius i xxiv 7) was charged also with using barbarian, that is, non-Latin words. There is a very short answer to this in the sixth book of the *Saturnalia* (iv 23) ‘necnon et Punicis Oscisque verbis usi sunt veteres: quorum imitatione Vergilius peregrina verba non respuit.’ The instances given are *urus*, ‘Gallica vox qua feri boves significantur,’ and *camurus*. On *urus* Servius on *Georg.* ii 374 says ‘*silvestres uri*, i.e. boves agrestes, qui in Pyrenaeo monte nascuntur, inter Gallias et Hispanias posito.’ On *camurus* Macrobius has virtually the same note as Servius and Philargyrius on *Georg.* iii 55, and is probably therefore drawing upon the same source, which I hope to show

was either the *De Verborum Significatu* of Verrius Flaccus, or some work immediately dependent upon it.

In the following chapter Virgil is defended on the ground of ancient precedent for the use of several words, partly simple, partly compound, 'quae ab ipso ficta creduntur.' The simple words are *Mulciber*, *petulcus*, *liquidus* as an epithet of *ignis*, *tristis* in the sense of *bitter*, *auritus*: the compounds are *turicremus*, *Arcitenens*, *silvicola*, *velivolus*, *vitisator*, *noctivagus*, *nubigena*, *umbraculum*, *discludo*. And a similar plea is urged in favour of certain apparently new senses given by Virgil to ordinary words, as to *additus* in *Teucris addita Iuno*: to *vomit* in *totis vomit aedibus undam*: to *agmen* in *leni fluit agmine Thybris*: to *crepitans* in *crepitantibus urere flammis*: to *horret* in *ferreus hastis Horret ager*: to *transmittunt* in *transmittunt cursu campos*: to *defluo* in *tota cohors . . . relictis Ad terram defluxit equis*: to *deductus* in *deductum dicere carmen*: to *protectus* in *proiectaque saxa Pachyni*: to *tempestivus* in *tempestivam silvis evertere pinum*.

Servius has short notes only on *additus*, *horret*, and *umbracula* (A. vi 90, xi 601, E. ix 42 [Dan.]), which agree in substance with those of Macrobius, but are mere abridgments of them. On *liquidus* Servius (Dan.) on E. vi 33 quotes the same passage from Lucretius as Macrobius.

We may here notice some other criticisms of the same kind preserved by other authors. Gellius i xxi 5 quotes a note of Hyginus on the word *amaror*: 'non enim primus finxit hoc verbum Vergilius insolenter' (implying that Virgil had been accused of inventing the word) 'sed in carminibus Lucretii inventum est, nec est aspernatus auctoritatem poetae ingenio et facundia praecellentis.' Quintilian i v 65 mentions an objection to the word *imperterritus*, noticing the fact that the two prepositions contradict each other; and Servius on A. x 770 seems to be making excuses for Virgil. So Servius viii 433 (Dan.) *instabant*, 'nova locutio, *currum et rotas instabant*:' x 835 (Dan.) *acclinis*, 'quis ante hunc?' xii 7 '*latronem*, venatorem: quis ante hunc? Varro tamen dicit hoc nomen posse habere etiam Latinam etymologiam,' etc. Hyginus (ap. Gell. vii 6) blamed the phrase *praepetibus pennis*, which was defended by parallels from Ennius and Matius. Gellius x xxix 4 says that in G. i 203 *atque* was thought obscure, and interprets it as = *statim*; so Nonius, p. 530. The phrase *tunicam squalentem auro* was again defended by ancient example (Gellius ii vi 19). Servius on A. xii 517 (Dan.) says of *exosus* in that line 'quaeritur sane quis primus *exosum pro peroso* dixerit,' and (Aen. iii 384) excuses *lentandus* as occurring 'in annalibus.'

From these criticisms, which attribute to Virgil the invention of new words, or a new or rare application of old ones, we should be careful to separate such remarks as that of Cornutus on *vexare* (Gellius ii 6 = Macrobius vi vii 4) 'incuriose et abiecte in his versibus verbum posuit;' on *inlaudati Busiridis*: 'hoc enim verbum *inlaudati* non est idoneum ad exprimendam sceleratissimi hominis detestationem;' and that quoted from the same writer on the words *dixerat ille aliquid magnum* by Servius on Aen. x 547, 'Cornutus ut sordidum improbat.'

The notes of Gellius and Macrobius on *vexare* and *inlaudatus*, it

should be observed, throw fresh light on the relation of the Servius of the Saturnalia to the real Servius, who has the remark on *vexare* (Ecl. vi 75¹) in a shorter form, and without any mention of objections; while in his note on *inlaudatus* (Georg. iii 4) he takes no account of the discussion carried on in Gellius and Macrobius, but simply explains the word as = *qui laudari non debeat*. With these criticisms compare Servius on Aen. viii 731, 'hunc versum notant critici quasi superfluo et inutiliter additum, nec convenientem gravitati eius, namque est magis neotericus;' Aen. xi 53, 'hoc quidam ἀνέκδοτον (ἀνεπικόν?) et vulgare accipiunt; sed decenter ad exprimendum patris adfectum nunc ad patrem redit.'

III.

I now come to consider some of the criticisms made upon Virgil's management of his story in the Aeneid. Macrobius i xxiv 2 speaks of 'multa pudenda . . . in dispositione operis.'

In the *Ars Poetica* (143 foll.) Horace lays down the principle that the Homeric order of narrative (as distinguished, for instance, we may suppose him to mean, from that of Apollonius Rhodius) is that which an epic poet ought to follow:

'Non fumum ex fulgore, sed ex fumo dare lucem
cogitat, ut speciosa dehinc miracula promat,
Antiphaten Scyllamque et cum Cyclope Charybdim;
nec reditum Diomedis ab interitu Meleagri,
nec gemino bellum Troianum orditur ab ovo;
semper ad eventum festinat, et in medias res
non secus ac notas auditorem rapit,' etc.

I am inclined to think that this passage again is intended as a defence of Virgil. At any rate, the point in question is treated by the early commentators, and in his reply to the *obtractatores Vergilii* we know that Asconius set himself in particular to answer criticisms *circa historiam*, which would, I suppose, include unfavourable remarks on the order of the narrative.

That such remarks had been made appears clearly from Servius, Aen. p. 4 (Thilo): 'ordo quoque manifestus est, licet quidem dicant secundum (librum) primum esse, tertium secundum, et primum tertium . . . nescientes hanc esse artem poeticam, ut a *mediis incipientes* per narrationem prima reddamus.' And on Aen. i 34, 'ut Homerus omisit initia belli Troiani, sic hic non ab initio coepit erroris.' Again, with regard to the whole plan of the Aeneid, which was intended by Virgil to include both an Iliad and an Odyssey, 'prius de erroribus Aeneae dicit, post de bello' (Aen. i 1).

Now these remarks are no more than a condensation of the passage assigned to Eustathius in the fifth book of the Saturnalia (ii 6), 'Aeneis ipsa nonne ab Homero mutuata est errorem primum ex Odyssea, deinde ex Iliade pugnas? quin operis ordinem necessario rerum ordo mutavit,

¹ The Lemovicensis here adds the same illustrations of *vexare* as are given in Gellius ii 6.

cum apud Homerum prius Iliacum bellum gestum sit, deinde revertenti de Troia error contigerit Ulixi, apud Maronem vero Aeneae navigatio bella quae postea in Italia sunt gesta praecesserit. . . . Nec illud cum magna cura relaturus sum, licet, ut aestimo, non omnibus observatum, quod cum primo versu promississet producturum se de Troiae litoribus Aenean . . . ubi ad ianuam narrandi venit, Aeneae classem non de Troia sed de Sicilia producit . . .

Quod totum Homericis filis contextuit. Ille enim vitans in poemate historicorum similitudinem, quibus lex est incipere ab initio rerum, et continuam narrationem ad finem usque perducere, *ipse poetica disciplina a rerum medio coepit et ad initium post reversus est. Ergo Ulixis errorem non incipit a Troiano litore describere, sed facit eum primo navigantem de insula Calypsonis. . . . Scylla quoque et Charybdis et Circe decenter attingitur.*

The words *nec illud magna cum cura . . . de Sicilia producit* form a remark virtually identical with that quoted by Servius, that the Aeneid ought to begin with the fall of Troy. The answer to this is an appeal to the example of Homer, expressed in words which I have italicized, because they are almost a paraphrase of Horace's lines in the *Ars Poetica*. Is the whole passage in Macrobius a mutilated quotation from the work of Asconius *contra obtrectatores Vergilii*.

I have noticed one or two other passages in Servius which bear on the same point: Aen. IV 1 'Iunctus quoque (quartus liber) superioribus est, quod artis esse videtur, ut frequenter diximus. Nam ex abrupto vitiosus est transitus; licet stulte quidam dicant hunc tertio non esse coniunctum. . . . Cum enim tertium sic clauserit, *factoque hic fine quievit*, subsecutus est *At regina gravi*, etc.' Aen. VI 752 'huc tetendit ut celebret Romanos, et praecipue Augustum. Nam qui bene considerant, invenient omnem Romanam historiam ab Aeneae adventu usque ad sua tempora summam celebrasse Vergilium. Quod ideo latet quia confusus est ordo,' etc. Aen. IX 1 'quem transitum quidam culpant, nescientes, etc.' Compare further Macrobius V XIV 11 'item divinus ille vates (Homerus) res vel paulo vel multo ante transactas opportune ad narrationis suae seriem revocat, ut et historicum stilum vitet non per ordinem digerendo quae gesta sunt, nec tamen praeteritorum nobis notitiam subtrahat. . . . Vergilius omne hoc genus pulcherrime aemulatus est.'

So much with regard to the order in which Virgil tells his story: let us now pass on to some of the criticisms passed upon the incidents of his narrative. His enemies compared the Aeneid, passage by passage, with the *Iliad* and *Odyssey*, with the view of showing its inferiority; his friends replied as best they could, sometimes attempting to show that Virgil had surpassed his model. Here are instances, which I have endeavoured to arrange under heads:

The causes of Juno's anger against the Trojans, as compared with that of Apollo against the Greeks.—Macrobius V II 6 'Homerus in primo, cum vellet iniquum Graecis Apollinem facere, causam struxit de sacerdotis iniuria; hic, ut Troianis Iunonem faceret infestam, causarum sibi congeriem comparavit.'

The cause of the war between Aeneas and Latinus, as compared with

that of the quarrel between Achilles and Agamemnon.—Macrob. v xvii 1 ‘ubi rerum necessitas exegit a Marone dispositionem incohandi belli, quam non habuit Homerus (quippe qui Achillis iram exordium sibi fecerit, quae decimo demum belli anno contigit), laboravit ad rei novae partum. Cervum fortuito saucium fecit causam tumultus. Sed ubi vidit hoc leve nimisque puerile, dolorem auxit agrestium, ut impetus eorum sufficeret ad bellum. Sed nec servos Latini, et maxime stabula regia curantes, atque ideo quid foederis cum Troianis Latinus icerit ex muneribus equorum et currus iugalis non ignorantes, bellum generis domini oportebat inferre. Quid igitur? Deorum maxima deducitur e caelo, et maxima Furiarum de Tartaris adsciscitur: sparguntur angues velut in scena parturientes furorem: regina non solum de penetralibus reverentiae matronalis educitur, sed et per urbem mediam cogitur facere discursus: nec hoc contenta silvas petit accitis reliquis matribus in societatem furoris. Bacchatur chorus quondam pudicus, et orgia insana celebrantur. Quid plura? Maluissem Maronem et in hac parte apud auctorem suum vel apud quemlibet Graecorum alium quod sequeretur habuisse.’

There is no doubt about the *animus* of this critic, who expresses himself in a nervous Latin style of which I shall have to give some more instances below. Take for instance the following remarks on the Virgilian and Homeric catalogues, which I cannot help suspecting are from the same hand. Macrob. v xv 2 ‘Homerus praetermissis Athenis ac Lacedaemone vel ipsis Mycenis, unde erat rector exercitus, Boeotiam in catalogi sui capite locavit, non ob loci aliquam dignitatem, sed notissimum promontorium ad exordium sibi narrationis elegit, unde progrediens modo mediterranea modo maritima iuncta describit, inde rursus ad utrumque situm cohaerentium locorum disciplina describens velut iter agentis accedit, nec ullo saltu cohaerentiam regionum in libro suo hiare permittit, sed hoc viandi more procedens redit unde digressus est, et ita finitur quicquid enumeratio eius amplectitur; contra Vergilius nullum in commemorandis regionibus ordinem servat, sed locorum seriem saltibus lacerat. Adducit primum Clusio et Cosis Massicum; Abas hunc sequitur manu Populoniae Ilvaeque comitatus; post hos Asilan miserunt Pisae, quae in quam longinqua sint Etruriae parte notius est quam ut adnotandum sit; inde mox redit Caere et Pyrgos et Graviscas, loca urbi proxima, quibus ducem Asturem dedit; hinc rapit illum Cinirus ad Liguriam, Ocnus Mantuam. Sed nec in catalogo auxiliorum Turni, si velis situm locorum mente percurrere, invenies illum continentiam regionum secutum.’

And again, with regard to the style of the two catalogues, § 14, ‘in catalogo suo curavit Vergilius vitare fastidium, quod Homerus alia ratione non cavit eadem figura saepe repetita, οἱ δ’ Ἀσπληθόν’ ἔναιον, οἱ δ’ Εὐβοίαν ἔχον. . . . Hic autem variat, velut dedecus aut crimen vitans repetitionem, *primus init bellum Tyrrenhis asper ab oris. Filius huic iuxta Lausus.* . . . Has copias fortasse putat aliquis divinae illi simplicitati praeferendas; sed nescio quo modo Homerum repetitio illa unice decet, et est genio antiqui poetae digna enumerationique conveniens, quod in loco, mera nomina relaturus, non incurvavit se neque minute torsit dedu-

cendo stilum per singulorum varietates, sed stat in consuetudine percentium, tamquam per aciem dispositos enumerans, quod non aliis quam numerorum fit vocabulis,' etc. §§ 6-9 are in the same style, blaming Virgil for introducing names into his narrative which he has omitted in his catalogue, and omitting on the other hand to assign any part in the war to those whom he has mentioned there.¹ In § 10 Virgil is charged with inconsistent repetitions of the same name, as of Corinaeus, who is killed in the ninth book and kills Ebusus in the twelfth.

In § 18, on the other hand, Virgil is said, in one passage of his catalogue, to have almost surpassed Homer: but otherwise Macrobius has preserved nothing except hostile criticisms on this part of Virgil's work. As to Virgil's carelessness or want of invention in the matter of proper names, there is a remark in Servius (Aen. xii 542 Dan.) which reminds the reader very much of what is said in Macrobius: 'Et quidam reprehendunt Vergilium in hoc loco quod in nominum inventione deficitur. Iam enim in nono Crethea a Turno occisum inducit ut *Crethea Musarum comitem*. Sed et apud Homerum [talia invenies?] nam et Pylaemonem et Adrastum bis ponit et alios complures.'

The fact that Servius, whose remarks are mostly on the side of Virgil, makes a reply on this point, suggests the possibility that he was drawing upon a work in which the question was treated in a sense favourable to his author.

Servius records some remarks of a similar kind, sometimes favourable, sometimes unfavourable, on matters of detail. Aen. iii 590 (Dan.) 'arguitur in hac Achaemenidis descriptione Vergilius neglegentiae Homericae narrationis; Ulixes enim inter initia erroris sui ad Cyclopus venit; quemadmodum ergo Aeneas post septimum annum quam a Troia profectus est socium Ulixis invenit? praesertim cum eum tribus mensibus in regione Cyclopus dicat moratum, et mox Aeneas de Sicilia ad Africam venisse dicatur.' This is not in Macrobius; nor again the following: Aen. ix 264 'atqui secundum Homerum Arisba Troianis misit auxilium et ab Achille subversa est. Sed accipimus aut ante bellum Graecorum Arisbam a Troianis captam et in amicitiae foedus admissam, aut certe pocula haec data ab Heleno,' etc.

Aen. vii 803, 'prudenter post impletam commemorationem virorum transit ad feminas. Ita enim et de Troianis loquitur, qui ultimum Amazonum auxilium postulerunt. Quae res ab Homero praetermissa est.' Aen. viii 625 (Dan.) 'sane interest inter hunc et Homeri clipeum. Illic enim singula dum fiunt narrantur, hic vero perfecto opere noscuntur; nam et hic arma prius accepit Aeneas quam spectaret, ibi postquam omnia narrata sunt, sic a Thetide deferuntur ad Achillem. Opportune ergo Vergilius,' etc. Macrobius v xvi 9, 'Eumedes Dolonis proles bello praeclara animo manibusque parentem refort, cum apud Homerum Dolon imbellis sit.'

Servius on Aen. xii 266, 'hoc loco ab Homeri oeconomia recessit. Ille (autem?) inducit Minervam persuadentem Pandaro ut iacto in

¹ Compare Servius on Aen. ix 584, 'incertum ex qua recondita historia Arcetem istum induxerit . . . et quid homo Siculus in hoc bello fecit (faciat?) quem nusquam supra cum Aenea dicit ad Italiam pervenisse.'

Menelaum telo dissipet foedera. Hic vero dicit ipsum augurem telum sponte torsisse, et occidisse unum de novem fratribus.' Aen. ix 269 (Dan.) 'honestius fecit ultro offerri, cum Homerus fecerit Dolonem Achilles currus improbe postulantem.' Aen. ix 804 'melius quam Homerus hunc locum executus est; salvo enim sensu vitavit et fabulosa et vilia. Nam ille ipsas minas exsequitur.'

To these may be added the following remarks on Virgil's treatment of theology and mythology: Macrobius v xvi 8 'Fortunam Homerus nescire maluit, et soli decreto, quam *μοίραν* vocat, omnia regenda committit, adeo ut hoc vocabulum *τύχη* in nulla parte Homerici voluminis nominetur. Contra Vergilius non solum novit et meminit, sed omnipotentiam quoque eidem tribuit, quam et philosophi qui eam nominant nihil sua vi posse, sed decreti sive providentiae ministram esse voluerunt. . . .¹ Aegaeon apud Homerum auxilio est Iovi; hunc contra Iovem armant versus Maronis. . . . Nullam commemorationem de iudicio Paridis Homerus admittit. Idem vates Ganymedem non ut Iunonis paelicem a Iove raptum, sed Iovialium poculorum ministrum in caelum a dis adscitum refert. . . . Vergilius tantam deam, quod cuius de honestis feminis deforme est, velut specie victam Paride iudicante doluisse et propter Catamiti paelicatum totam gentem eius vexasse commemorat.'

Under this head falls the criticism on the *petitio Veneris impudica* of Aen. viii 370, which is noticed both by Servius there and by Macrobius i xxiv 2, and that upon Pilumnus and Orithyia mentioned by Servius on Aen. xii 83, 'unde critici culpant hoc loco Vergilium, dicentes incongruum esse figmentum. Namque Orithyia cum Atheniensis fuerit, filia Terrigenae, et a Borea in Thraciam rapta sit, quemadmodum potuit Pilumno, qui erat in Italia, equos dare?' Further we may notice the remark of Servius on Aen. iii 46, that there were persons who blamed Virgil for inventing the change of ships into nymphs in the ninth book, for the story of the golden bough in the sixth book, and for the mission of Iris to Dido at the end of the fourth book. The last-mentioned criticism, we know, came from Cornutus; Macrobius v xix 2, 'Iris a Iunone missa abscedit ei crinem et ad Orcum refert. Hanc Vergilius non de nihilo fabulam fingit, sicut vir alias doctissimus Cornutus existimat, qui adnotationem eiusmodi adposuit his versibus; "Unde haec historia, ut crinis auferendus sit morientibus, ignoratur; sed adsuevit poetico more aliquid fingere, *ut de aureo ramo.*" Sed me pudet quod tantus vir, Graecarum etiam doctissimus litterarum, ignoravit Euripidis nobilissimam fabulam Alcestim,' etc. Servius (Dan.) says in a short note, 'Euripides Alcestim Diti sacratum habuisse crinem dicit, quod poeta transtulit ad Didonem:' and on Aen. iii 46, 'sed hoc purgatur Euripidis exemplo, qui de Alcesti hoc dixit, cum subiret fatum mariti.' On Aen. ix 82, Servius says of the change of the fleet into nymphs 'figmentum hoc licet poeticum sit, tamen, quia exemplo caret, notatur a criticis. Unde longo prooemio excusatur.' In the passage from Macrobius I have italicized the words *ut de aureo ramo*, because

¹ Compare Servius (Dan.) on Aen. x 567.

they make it probable, I think, that the note of Servius on Aen. III 46, which mentions the golden bough in the same breath with the mission of Iris to Dido and the change of ships into nymphs, is an abridgment from Cornutus.

It was of course noticed that Virgil altered the current traditions about Aeneas for the sake of poetical effect; the two main instances of this being the episode of Dido in the fourth Aeneid, and the account of the death of Turnus in the twelfth. Macrobius v xvii 4, 'bene in rem suam vertit quicquid ubicunque invenit imitandum; adeo ut de Argonauticorum quarto, quorum scriptor est Apollonius, librum Aeneidos suae quartum totum paene formaverit ad Didonem vel Aenean, amatoriam incontinentiam Medae circa Iasonem transferendo. Quod ita elegantius auctore digessit, ut fabula lascivientis Didonis, quam falsam novit universitas, per tot tamen saecula speciem veritatis obtineat,' etc. Servius (Dan.) on Aen. IV 459, 'nam quod de Didone et Aenea dicitur falsum est. Constat enim Aenean CCCXL annis ante aedificationem Romae venisse in Italiam, cum Karthago non nisi XL annis ante aedificationem Romae constructa sit.' And with regard to Turnus, Servius on Aen. IX 745, 'plerique sed non idonei commentatores dicunt in hoc loco occisum Turnum, sed causa oeconomiae gloriam a poeta Aeneae esse servatam, quod falsum est. Nam si veritatem historiae requiras, primo proelio interemptus est Latinus; inde ubi Turnus Aeneam vidit superiorem, Mezentii imploravit auxilium; secundo proelio Turnus occisus est, et nihilominus Aeneas postea non comparuit; tertio proelio Mezentium occidit Ascanius. Hoc Livius dicit et Cato in Originibus.' To these notes may be added those of Servius on Aen. XI 271 about the birds of Diomedes; 'hoc loco nullus dubitat fabulae huius ordinem a Vergilio esse conversum. Nam Diomedis socios constat in aves esse conversos post ducis sui interitum, quem extinctum impatienter dolebant;' and on Aen. VI 359 about Velia: 'sane sciendum Veliam tempore quo Aeneas ad Italiam venit nondum fuisse. Ergo aut anticipatio est, quae, ut supra diximus, si ex poetae persona fiat, tolerabilis est, si autem per alium, vitiosissima est.'

I will add here some other miscellaneous criticisms on details in the narrative of the Aeneid which I have noticed in Servius. Many more are collected by M. Thomas in his essay on Servius p. 247 foll.

I 71, 'notant Vergilium critici, qui marito promittit uxorem; quod excusat regia licentia.'

II 668, 'notant hoc critici, quia saepius armari aliquos dicit cum exarmatos nunquam ostendat.'

IV 509 (Dan.), 'quaeritur a quibusdam quae sit haec sacerdos, quia illam ipsam accipi volunt quae supra dicta est, tamquam ficta a Didone.'

IV 546, 'quomodo *vix*, cum dicat ipse (I 361) *conveniunt quibus aut*

¹ This is an abridgment of Hyginus ap. Gell. x 16. On VI 122 Servius' note reminds us of Hyginus, ib. § 11: '*quid Thesea: durum exemplum. Unde nec immoratus est in eo. Dicit autem inferos debere patere pietati, qui patuerunt infanda cupienti. Nam hic ad rapiendam Proserpinam ierat cum Pirithoo, et illic retentus luit poenas, ut *sedet aeternumque sedebit.*' Hyginus' criticisms are mostly on matters of history or mythology.*

odium crudele tyranni Aut metus acer erat? Si ultro convenerunt, quomodo *vix* se dicit *revellisse*? Comp. Aen. I 361, 'metuebant laedendi, hoc est qui timebant ne laederentur; unde est illud in quarto et quos *Sidonia vix urbe revelli*, quia non voluntate, sed odio aut timore convenerant.'

IV 674, *morientem nomine clamat*. 'Multi quaerunt quomodo procedat hoc, cum eius nomen nusquam sequatur.'

V 410, 'Quare *haec germanus Eryx quondam tuus arma ferebat*, si isti sunt caestus quibus contra Herculem dimicavit? Solvitur, isti quidem sunt caestus quibus Eryx dimicavit, sed si quis illius vidisset caestus, id est Herculis, quibus contra Erycem tristi congressione pugnavit.'

Quod si quis, etc. 'Quare duas res pro uno posuit, cum debuisset dicere aut caestus aut arma? Solvitur sic; *caestus* sunt quibus caeduntur, *arma*, omnia illa caestuum quibus braccia innectuntur.'

V 493, 'quomodo Mnestheus, cum Cloanthus victor extiterit? Solvitur, sed victor Mnestheus virtute, qui de ultimo ad tertium locum venit,' etc.

V 517, 'Sane sciendum hunc totum locum ab Homero esse sump-tum. Unde inanis est vituperatio Aeneae quod suspenderit avem maternam.'

V 521, 'Culpat in hoc loco Vergilium Vergiliomastix; artem enim in vacuo aëre ostendere non potuit.'

V 626. Inconsistencies in the chronology are pointed out, and the commentator remarks 'ergo constat hanc quaestionem unam esse de insolubilibus, quas non dubium est emendaturum fuisse Vergilium.'

VI 661, 'quasi quis castus esse possit post mortem. Sed aliud dicit, *i.e.* qui fuerunt casti dum in communionem vitae versarentur.'

VII 268, 'male multi arguunt Vergilium, quod Latinum induxit ultro filiam pollicentem, nec oraculum considerantes, quia Italo penitus dari non poterat, nec Aeneae meritum, quem dicebat rogari.'

VII 519, 'quare, cum di inferi inducuntur, signam bucina datur? Solvitur, quia bucina ex cornu caprae fiat, et quod sit proprie Ditis hostia.'

VIII 23, 'negant omnes Physici lumen lunae aliud ex se reddere; et vituperatur hoc dicto Vergilius, quod tamen tolerabile est, quia non lunam, sed imaginem dixit lunae, quam a sole lumen accipere manifestum est.'

VIII 291, 'sane critici frustra culpant Vergilium, quod praesentibus Troianis Troiae laudari introduxit excidium, non respicientes quia hoc ratio fecit hymnorum, quibus aliquid subtrahere sacrilegium est.'

VIII 498 (Dan.), 'quibusdam sane displicet quod aruspicias nomen non addiderit.'

IX 75, 'quaeritur quid ibi faciant foci. Sed in carminibus quaedam nec ad subtilitatem nec ad veritatem exigenda sunt. Aut certe focos quos ibi habere potuerunt.'

IX 367. Scholia Veronensia; 'hoc loco adnotant Probus et Sulpicius contrarium illi esse (VII 600) *saepsit se tectis, rerumque reliquit habenas*.' Servius: 'non est contrarium illi loco, *saepsit*, etc.'

x 157, 'notatur a criticis Vergilius hoc loco, quemadmodum sic cito dixit potuisse naves Aeneae fieri?' quod excusat pictura, etc.

x 845, '*ad caelum tendit palmas et corpore inhaeret*: uno eodemque tempore non potuisse eum et inhaerere corpori et manus ad caelum levare.'

x 861, 'hoc loco notant Vergilium critici quod homini sacrilego dedit prudentem sententiam.'

xi 188, '*fulgentibus armis*: frustra hoc epitheton notant critici, quasi circumeuntes rogos alia arma habere debuerint.'

xii 769 (Dan.), 'quaeritur cur terreno deo nautae dona suspenderit.'

IV.

I now come to the criticisms on Virgil's imitations of Homeric verses, similes, and language, in which it is possible to distinguish clearly a favourable, a hostile, and a neutral class.

Of favourable criticisms a number of instances are to be found in Macrobius v 11 and 12; the eleventh chapter dealing with cases in which Virgil is supposed to have surpassed Homer, the twelfth with cases in which he is said to have equalled him.

On Aen. i 430 it is observed 'non negabo Vergilium in transferendo densius excoluisse. Vides apes descriptas a Vergilio opifices, ab Homero vagas; alter discursum et solam volatus varietatem, alter exprimit nativae artis officium.' On i 198, 'in his quoque versibus Maro extitit locupletior interpres. Ulixes ad socios unam commemoravit aerumnam; hic ad sperandam praesentis mali absolutionem gemini casus hortatur eventum. Deinde ille obscurius dixit *καὶ τοῦ τῶνδε μῆθεσθαι ὄτω*, hic apertius *forsan et haec olim meminisse iuvabit*.' Aen. ii 626, iii 513 are criticised in the same spirit. The criticism on Aen. iv 367 is identical with that assigned by Gellius (xii i 20) to Favorinus. As there is no perceptible difference of style between this passage and its surrounding, it may fairly be inferred that the whole of Macrobius' eleventh chapter came from the same source, a commentary or treatise older than Gellius.

Comparing Macrobius here with Servius, we find that on some of the passages noticed by Macrobius Servius is silent, viz., Aen. i 430, 198, ii 626, iii 513, v 144, xii 339, ii 470, iv 612, ix 546. On others he has the short remark *Homericæ comparatio est*, or the like: viz., vii 466 (Dan.), ix 679 (Dan.), vi 6, xii 67, vii 12 (Dan.), x 740.

But in the tenth chapter we come again upon a style with which we have already been made familiar. A number of instances are quoted in which Virgil is without mercy pronounced to have fallen below Homer. Aen. x 554, 'ad quem non potuit conatus Maronis accedere;' ii 222, 'inspecto hic utriusque filo quantam distantiam deprehendes!' So on Aen. iii 119, ii 304, where he says, 'duas parabolas temeravit ut unam faceret, trahens hinc ignem, inde torrentem, et dignitatem neutrius implevit;' ii 416, 'idem et hoc vitium quod superius incurrit;' iii 130, 622, vi 582, 'locum loco si compares, pudendam invenies differentiam:' ix 104, 'iusiurandum vero ex alio Homeri loco sumpsit, ut translationis sterilitas hac adiectione compensaretur;' ix 181, 'minus gratam fecit

Latinam descriptionem;’ ix 551, ‘vides in angustum Latinam parabolam sic esse contractam ut nihil possit esse ieiunius . . . in tanta ergo differentia paene erubescendum est comparare;’ x 360, ‘quanta sit differentia utriusque loci lectori aestimandum relinquo;’ xi 751, ‘his praetermissis quae animam parabola dabant, velut exanimum in Latinis versibus corpus remansit.’ And so on Aen. iv 176, x 270, on which line Servius, as if quoting from a hostile critic, says ‘hoc autem *iste* violentius posuit, quod ille stellae tantum facit comparisonem, hic etiam stellae pestiferae;’ and on vii 785, viii 620, x 101, xii 149, 725. On the last passage Servius seems to be making a defence: ‘sciendum locum hunc a Vergilio esse translatum ut in Homero lectus est.’ But with the exceptions just mentioned Servius touches on none of the verses so roughly handled in Macrobius except ix 106 (Dan.), x 361, and xi 751.

To these instances I add the remark in Macrobius v iii 1: ‘*νεύρην μὲν μαστῶ πέλασεν, τόξῳ δὲ σίδηρον.* Totam rem quanto compendio lingua ditior explicavit: vester, licet periodo usus, idem tamen dixit? *Adduxit longe capita,*’ etc.

Servius on Aen. i 92 (Dan.): ‘reprehenditur sane hoc loco Vergilius quod improprie hos versus Homeri transtulerit . . . nam *frigore soluta membra* longe aliud est quam *λύτο γούνατα*, et *duplices tendens ad sidera palmas* molle, cum illud magis altum et heroicae personae, *πρὸς ὃν μεγάληγορα θυμόν.* Praeterea quis interdiu manus ad sidera tollit, aut quis ad caelum manus tollens non aliud precatur potius quam dicit?’ iv 367 (Dan.), ‘sane quidam absurde putant Caucasum et tigres a Didone memoratas, quia nec Didoni perturbatae venire in mentem Caucasus (*Caucasi*?) potuit, nec tigres iuxta eum cognitae, et hoc Hyrcanae: nam quod ait *genuit Caucasus*, elaboravit dicendo *genuit* incredibilis facere de monte masculini generis, sed hic imitatur Graecos, qui magis proprie *γλαυκῆ δὲ σε τικτε θάλασσα.*’ And, although Pindar, not Homer, is in question, we may here quote the severe criticism on Virgil’s description of Etna in eruption (Gellius xvii 10 = Macrobius v xvii 7): ‘Ille Graecus (Pindarus) quidem fontes imitus ignes eructare et fluere amnes fumi et flammarum fulva et tortuosa volumina in plagas maris ferre, quasi quosdam igneos amnes, luculente dixit. At hic vester *atram nubem turbine piceo et favilla fumante ῥόνον καπνοῦ αἰθωνα* interpretari volens crasse et immodice congestit, *globos* atque *flammarum*, quod ille *κροννοὺς* dixerat, duriter posuit et *ἀκύρως*. Hoc vero vel inenarrabile est quod *nubem atram fumare* dixit *turbine piceo et favilla candente*. Non enim fumare solent neque atra esse quae sunt candentia, nisi forte *candente* dixit pervulgate et improprie pro *ferventi*, non pro *reluenti*, nam *candens* scilicet a *candore* dictum, non a *calore*. Quod autem *scopulos eructari et erigi* eosdemque ipsos statim *liqueferi et gemere* atque *glomerari sub auras* dixit, hoc nec a Pindaro scriptum nec unquam fando auditum, et omnium quae monstra dicuntur monstruosissimum est.’¹

There is a great deal of neutral criticism on Virgil’s translations from Homer in the third chapter, and on to the tenth of Macrobius’ fifth book,

¹ The whole question of translation from Greek poets into Latin is discussed in Gellius ix 9, where a criticism of Probus is quoted on the passage about Diana in the first Aeneid. Compare also Gellius xiii 27.

which I cannot suppose to have come from the same source as the acrimonious remarks above quoted. It is not at all improbable that it is derived directly or indirectly from the *ὁμοιότητες* of Q. Octavius Avitus (Suetonius, *Vita Vergilii* 45), a work in eight volumes, which 'quos et unde versus transtulerit continent.' One is struck at once with the close resemblance between these words and those of Macrobius, v vii 7, 'capita locorum, ubi longa narratio est, dixisse sufficet, ut *quid unde natum sit lector inveniat*:' and v iii 1, 'si vultis me et ipsos proferre versus ad verbum paene translato.'

I will proceed, as shortly as possible, to compare the passages cited by Macrobius under this head with the corresponding notes in Servius.

Macrobius v iii 2, Aen. xi 860. Hostile criticism already quoted. Servius: 'Homericæ est ista descriptio.'

v iii 3: Aen. iii 192: Servius is silent.

v iii 4: Georg. iv 361: Servius is silent.

v iii 5: Aen. vi 578 Servius: (Dan.) 'et sic Homerus de Tartaro.'

v iii 7: Aen. xi 794: Servius is silent.

v iii 8: Aen. iii 97: Servius is silent.

v iii 9: Aen. i 92: Servius (Dan.) adds the hostile criticism quoted above, which is not in Macrobius.

v iii 10: Aen. xi 483: Servius: 'haec omnis oratio verbum ad verbum de Homero translata est.'

v iii 11, 12: Aen. iv 177, vi 522: Servius is silent.

v iii 13: Aen. xii 206: Servius: 'Homeri locus verbum ad verbum.'

v iii 18: Aen. i 159: Servius is silent.

Macrobius goes on to quote Aen. i 65, 71, 81, 306, 326, 372, 411, all of which are unnoticed by Servius; and so the case stands with Aen. i 498, 588, 595; ii 1, 3, 31, 250, 274, 341, 355.

Macrobius v v 11: Aen. ii 379: Servius (Dan.) 'Homerus *δράκοντα* dixit.'

v v 12: Aen. ii 471: Servius (Dan.) *βεβρωκὸς κακὰ φάρμακα*.

v v 13, 14: Aen. ii 496, 792: Servius is silent.

v vi 1: Aen. iii 192: Servius is silent.

v vi 2: Aen. iii 486: Servius is silent.

v vi 3: Aen. iii 270: Servius (Dan.) 'hae omnes insulae Graeciae sunt quas Homerum secutus . . . de Graeco in Latinum transtulit.'

v vi 4: Aen. iii 420: Servius: 'Homerus hanc dicit immortale monstrum fuisse.'

v vi 7: Aen. iii 489: Servius: 'quo sermone etiam Homerus in simili utitur significatione.'

v vi 8, 9: Aen. iii 566, iv 691: Servius is silent.

v vi 11: Aen. iv 238: Servius is silent.

v vi 13: Aen. iv 441: Servius is silent.

v vi 15: Aen. iv 584: Servius is silent.

v vii 1: Aen. v 8: Servius is silent.

v vii 2, 3, 4: Aen. v 98, 259, 315: Servius is silent.

v vii 5: Aen. v 426: Macrobius does not mention Apollonius, but Servius (Dan.) says, 'est totus hic locus de Apollonio translatus.'

v vii 6: Aen. v 485: Servius (Dan.) 'ex Homero transtulit.'

v vii 7 : Aen. v 487 : Servius is silent.

On Aen. v 740 ; vi 214, 232 ; vii 197, 198 ; viii 560 ; ix 18, 138, 146, 308, 782 ; x 467 ; xi 191, Servius is silent ; but he agrees with Macrobius in noticing Aen. vi 278 (Dan.), 362 (where he quotes another line, Iliad i 4), 595 (Dan.), 625 ; vii 14, 699 (Dan.) ; viii 182, 455 (Dan.), 589 (Dan.) ; ix 307, 319, 328 (Dan.), 459 (Dan.) ; x 270 (Dan.) ; xi 484 ; ix 435 (Dan.).

So far we have seen that Servius omits some, but notices many of the passages quoted by Macrobius ; but on the following passages he or his ancient interpolator have notes which are not found in Macrobius : Aen. ii 7, 278, 503, 604 ; iii 98, 138, 246, 590, 623, 635, 678 ; iv 33, 367, 496, 613, 647 ; v 1, 85, 468, 487, 556, 594 ; vi 1, 56, 251, 436, 468, 532, 650, 894 ; vii 1, 20, 26, 225, 282, 550, 641 ; viii 250, 274, 461 ; ix 1, 106, 264, 269, 348, 359, 437, 502, 709, 767, 804 ; x 115, 361, 488, 842, 900 ; xi 90, 101, 183, 381, 492, 664, 739, 863 ; xii 84, 102, 116, 142, 206, 212, 266, 309, 546, 691, 725, 896, 908, 952.

These lists are sufficient to show the minute diligence with which Virgil's translations from Homer had been hunted up. With regard to Servius and Macrobius, they tend, I think, to support the hypothesis which I have already put forward (p. xxxii), that neither of these commentators is borrowing from the other, but that both are drawing on common sources. These sources may very probably have been the *ῥημολόγια* of Octavius Avitus, and the *furta* of Perellius Faustus, or extracts from both.

V.

The sixth book of the Saturnalia opens with a collection of passages borrowed by Virgil from Latin poets, Ennius, Lucilius, Lucretius, and others. The introductory remarks have the air of a reply to some hostile observations such as may, perhaps, have been made by Perellius Faustus in his collection of *furta*. 'Etsi vereor ne dum ostendere cupio quantum Vergilius noster ex antiquiorum lectione profecerit, et quos ex omnibus flores vel quae in carminis sui decorem ex diversis ornamenta libaverit, *occasionem reprehendendi vel imperitis vel malignis ministrum, exprobrantibus tanto viro alieni usurpationem, nec considerantibus hunc esse fructum legendi, aemulari ea quae in aliis probes*, etc.'

Comparing Servius and Macrobius on this point also, we find that none of the passages touched upon in the first chapter of the sixth book of the Saturnalia are noticed by Servius, except Aen. i 530, ix 422 (Dan.), 528 (Dan.), xii 552. In the second chapter Lucretius and Virgil are compared in detail. Servius' notes (which only mention the fact of the borrowing) correspond on Georg. iii 287, and on the passage at the end of the third Georgic describing the pestilence : but in §§ 15 and onward come a number of passages on which Servius has no remark. In § 31 the words of Macrobius partly correspond with those of Servius (Dan.) on Aen. i 198, 'totus hic locus de Naevii Belli Punici libro (i ?) translatus est : ' and on Aen. i 170, Servius (Dan.) again mentions Nævius.

In the third chapter some passages are examined which had been first translated from the Greek by a Roman poet, and afterwards handled afresh by Virgil. The only one of these which Servius notices is Aen. II 492 foll., and this is only to mention the parallel passage in Homer.¹

VI.

In the eighteenth and following chapters of the fifth book of the Saturnalia Macrobius has elaborate comments on passages in which Virgil is said to have drawn upon recondite Greek sources. Let us briefly compare these with the corresponding notes, where there are any, in Servius.

Georg. I 17, *pocula Acheloia* : Servius (Dan.) has a very brief extract of these remarks.

Aen. VII 689, *vestigia nuda sinistri Instituire pedis* : Servius says merely 'traxit hoc a Graeciae more.'

Aen. 4 fin., *nondum illi flavum* , etc. Servius (Dan.), again merely abridging, says, 'Euripides Alcestim Diti sacratum habuisse crinem dicit, quod poeta transtulit ad Didonem.'

Aen. IV 513, *falcibus ahenis* : Servius is silent.

Aen. IX 584, *ara Palici* : the same story is mentioned by Servius.

Georg. I 100, *umida solstitia atque hiemes orate serenas* , etc. Here the whole note of Servius (Dan.) is virtually identical with that of Macrobius, though not so clear or accurate. The paraphrase in Macrob. V XX 14, 'cum ea sit anni temperies, ut hiemps serena sit, solstitium vero imbricum, fructus optime proveniunt,' is identical in both commentators: and both also quote the rustic verse, 'hiberno pulvere, verno luto, grandia farra, Camille, metes.'

Georg. IV 380, Aen. III 66: *carchesia, cymbia* . These comments are not in Servius.

Aen. XI 532, *Opis* . Servius (Dan.) has the same words about Alexander Aetolus.

Aen. I 42, *ipsa Iovis rapidum iaculata e nubibus ignem* . This note is not in Servius.

Georg. III 391, *munere sic niveo lanae* . Not Servius but Philargyrius has this comment in a shorter form: 'huius opinionis auctor est Nicander: nec poterat esse nisi Graecus.'

The conclusion which I draw from this comparison is again that Servius,² Philargyrius and Macrobius are drawing upon the same source. And that this source was one work, not several, is, I think, rendered probable by the uniformity of style which characterizes the whole of

¹ Ennius is often quoted by Servius and the later commentators in illustration of points of grammar or language, and so it is with other older Latin poets. Although the literary debt of Virgil to Lucretius was fully recognized by the ancient critics (Gellius I xxi 7), Servius generally quotes Lucretius only for the purpose of illustrating points of grammar or philosophy.

² Or rather his ancient interpolator. I do not however think it necessary to suppose that this writer is borrowing directly from Macrobius, as in other places he either ignores him or is quite independent of him. (See note on p. liii below.)

these notes as given in their fuller form by Macrobius. Add Macrobius i iii 10 on *torquet medios nax umida cursus* (Aen. v 738).

VII.

I now come to a number of remarks in the third book of the Saturnalia, in which Virgil's knowledge of religious antiquities is discussed. As before, I shall compare Macrobius and Servius on each note.

Macrobius III 1: this note, on purification by a running stream, is abridged in Servius on Aen. IV 635.

III ii 1: Aen. v 237: *porriciam* and *proiciam*: again abridged in Servius.

III ii 6: *voti reus*: 'vox propria sacrorum est,' etc. So Servius.

III ii 7: Aen. IV 219: *aram manibus apprehendere, ara* and *asa*. Much of this note is in Servius (Dan.) on Aen. IV 219 and VI 124.

III ii 10: *vitulari; lactum paxana*: Aen. VI 657: Servius is silent.

III ii 15: *faciam vitula*: Ecl. III 77: Servius in a note independent of Macrobius says, 'ut *faciam ture, faciam agna*.'

III ii 17: Aen. I 373, *et vacet annales nostrorum audire laborum*: Aeneas pontifex: Servius (Dan.) has the same note, but in a fuller form.

III iii 2: *sacrum, sanctum, profanum*: Servius (Dan.) has the gist of this note on Aen. XII 779.

III iii 8: *religiosus, religio*: Servius (Dan.) has the same note, but without mentioning Festus, on Georg. I 269.

III iv 1 foll.: *delubrum*: Servius (Dan.) on Aen. IV 56 has the same quotation from Varro, and on II 225 he quotes another note from Masurius Sabinus (Dan.).

III iv 6: *Penales*: so Servius (Dan.) on Aen. I 378, III 119, II 296, 325, III 12, 134.

III v 1: *hostiae*: so Servius on Aen. II 119 (Dan.), III 231, 456, v 483.

III v 4: *litare*: so Servius on Aen. II 119 (Dan.).

III v 7: *ambarvalis hostia*: so Servius on Ecl. III 77, v 75, Georg. I 345.

III v 8: *invita hostia*: so Servius on Georg. II 395, Aen. IX 627.

III v 9: *contemptor divum Mezentius* } These notes are not in Servius.

III vi 1: *Ἀπόλλων γενίτωρ* }

III vi 9: *Hercules victor*: so Servius (Dan.) on Aen. VIII 363.

III vi 12: *domus Pinaria*: so Servius (Dan.) on Aen. VIII 270.

III vi 16: *sedili*: so Servius, but shortly, on Aen. VIII 176.

III vi 17: *aperto capite*: so Servius on Aen. III 407.

III vii 1: *Pollio*: so Servius (Dan.) on Ecl. IV 43, nearly word for word.

III vii 3 foll.: *telisque sacrarunt Evandri*: so Servius (Dan.), partly word for word, on Aen. X 419.

III viii 1: *ducente deo*: Servius (Dan.) has a note of nearly equal fulness on Aen. II 632, with a passage from Sallust which is not in Macrobius.

III viii 4 : *in astris* : Servius is here silent.

III viii 6 : *Camille* : so Servius (Dan.), word for word, on Aen. II 543.

III viii 8 : *mos* : on Aen. VII 601, Servius has a note quite independent of this, and indeed says that Virgil is not correct in his facts.

III ix 1 : *excessere omnes*, etc. : this is abridged by Servius (Dan.) on Aen. II 351.

To these criticisms may be added the following remarks in Servius : Aen. IV 29 (Dan.) : 'sane caerimoniis veterum Flaminicam nisi unum virum habere non licet, quod hic ex persona Didonis exequitur . . . nec Flamini aliam ducere licebat uxorem, nisi post mortem Flaminicae uxoris, quod expeditur quia post mortem Didonis Laviniam duxit.'

Aen. IV 103 (Dan.) : 'sciendum tamen in hac conventione Aeneae atque Didonis ubique Vergilium in persona Aeneae flaminem, in Didonis flaminicam praesentare.'

Aen. IV 137 (Dan.) : 'veteri caerimiarum iure praeceptum est ut flaminica venenato operata sit.' A long note follows on the dress of the *flaminica*.

Aen. IV 166 : '*prima et Tellus* : satis perite loquitur. Nam secundum Etruscam disciplinam nihil tam incongruum nubentibus quam terrae motus vel caeli dicitur. Quidam sane Tellurem praeesse nuptiis tradunt, nam et in auspiciis nuptiarum vocatur,' etc. There is more of the same kind in the notes on Aen. IV 262-3 (Dan.), 339 (Dan.), 374, 518 (Dan.), 646 (Dan.); VI 210 (Dan.); VII 190; VIII 106 (Dan.), 363 (Dan.), 550, foll. (Dan.); XI 76 (Dan.).

But in the tenth, eleventh and twelfth chapters of Macrobius' third book we have some hostile criticisms in the style of which so many specimens have been already quoted under other heads. On Aen. III 21, it is remarked : 'Ecce pontifex tuus apud quas aras mactetur ignorat, cum vel aedituis haec nota sint et veterum non tacuerit industria.' The attack is replied to ; and both attack and reply are abridged by Servius on Aen. III 21 as follows : 'contra rationem Iovi taurum sacrificat . . . ubique enim Iovi iuvenum legimus immolatum . . . adeo ut hinc putetur subsecutum esse prodigium.'

Macrobius III xi 1 : *miti dilue Baccho : in mensam laeti libant*. The attack and reply are given in a shorter form in Servius on G. I 344 and Aen. VIII 279 (Dan.), 'quaeritur sane cur in mensam et non in aram libaverint,' etc. But Servius has not the remarks on *mitis* and on *mulsum* in §§ 9 and 10.

III xii 1 : Aen. VIII 285 : on this alleged *geminus error* of Virgil Servius (Dan.) has a note in substance much the same as that of Macrobius.

III xii 10 : Aen. IV 57 : Virgil is said 'toto caelo errasse cum Dido sua rem divinam pro nuptiis faceret *Legiferae Cereri*, etc. Et quasi expergefactus adiecit *Iunoni ante omnes*,' etc.

Serv. A. IV 57 (Dan.) : 'Alii dicunt hos deos quos commemoravit nuptiis esse contrarios, Cereremque propter raptum filiae nuptias execratam, etc., etc. Male ergo invocat hos Dido, quae sibi nuptias optat Aeneae,' etc. The note is very long and full, but I suspect that

Macrobius, a fragment only of whose comment remains, has more of the original wording.

Compare also Macrobius I xv 10, with Servius on Aen. VIII 654; Macrobius I xvii 4, with Serv. on Aen. I 8.

The result of the foregoing comparisons between Servius and Macrobius is this: that in the great majority of cases where Servius and Macrobius have identical notes, those of Macrobius are far the fuller, clearer, and more logical; that in the collections of parallel passages from Homer Macrobius has some which Servius has not, Servius many more which Macrobius has not, and there are many in common. Hence the natural inference is not (as Ribbeck thinks) that Macrobius was using a fuller form of the actual commentary of Servius than that which we now possess, but that both Macrobius and Servius were drawing upon older commentaries and criticisms.

Is it possible to say with any degree of certainty to whom these works or any of them can be assigned?

Taking the hostile criticisms in Macrobius and Servius first, with the exception of those which can with certainty be assigned to Cornutus and Hyginus (see pp. lvi, lvii), I would observe that there are a number of precisely the same character and often worded in the same vigorous and acrimonious style; I mean those which deal chiefly with minute points of logic or narrative and less often with points of expression. Such are (1) the unfavourable remarks upon the order of the narrative in the Aeneid (p. xxxv foll.); (2) those in which Virgil is blamed for want of invention in his incidents, or for observing a wrong order and adopting an artificial style in his catalogues, or for forgetful repetitions of the same name, or inconsistency in his narrative, or divergence from Homer, or false taste, or bad mythology, or other minor faults akin to these (pp. xxxvii-xliii); (3) those in which Virgil is declared to have fallen below Homer in similar and other passages borrowed from him (pp. xlii, xliii); (4) those in which he is charged with ignorance of religious antiquities (p. xlvii foll.).

Now if I am right in saying that these criticisms are expressed in the same venomous but idiomatic style; if it be true, as it is so far as I have observed, that they are all directed against passages in the Aeneid (the only exception is an apparent one, Macrobius III xi 1, where Georg. I 344 is quoted; but this is instantly followed by a line from the eighth Aeneid: *in octavo*)—it is natural to infer that they come from the Aeneidomastix of Carvilius Pictor, which is quoted by Servius on Aen. v 521.

Besides this, two other works of hostile criticism are mentioned by Suetonius: the *vitia* of Herennius and the *furta* of Perellius Faustus.

It is possible, though I do not like to say more, that the criticisms quoted on p. xxx foll. were taken from the work of Herennius. As to the *furta*, it is very difficult to pronounce with any amount of assurance what was the scope and extent of the work. It may or may not have included collections of Virgil's plagiarisms from Homer and the Greeks, as well as of passages taken from Latin authors. But I am inclined

in any case to suspect that the passages from Latin authors collected in the sixth book of Macrobius came directly or indirectly from this work. It is remarkable that in this book there are apologetic remarks on the propensity of the ancient writers to steal from one another: 1 3, 'exprobrantibus tanto viro alieni usurpationem, nec considerantibus hunc esse fructum legendi, aemulari ea quae in aliis probes,' etc. Compare vi ii 33, 'nec Tullio compilando, dummodo undique ornamenta sibi conferret, abstinuit': a hostile remark admitted inadvertently, as so often, by Macrobius into a context where it is out of place. Now these general remarks about plagiarism would have been better in place at the head of the passages from Homer collected in the fifth book: and I am tempted therefore to suppose that they were suggested by observations on this question which Macrobius found in the works from which he got the instances quoted in Book vi. This work may or may not have been the *furta* of Perellius Faustus. But it seems in any case to have been a work which Servius did not much use, for (except in the case of Ennius) he quotes from Latin authors mainly for the purpose of grammatical, or historical, or philosophical illustration.

The passages of neutral tone, in which Virgil's obligations to Homer are simply pointed out, it is natural to assign to the *ἁμοιόητες* of Octavius Avitus; whether this is also the case with the passages in which Virgil is said to have drawn upon recondite Greek sources is, I should think, doubtful, nor am I at present able to offer any hypothesis on this point.

Turning to the passages where Virgil is defended against hostile criticism, it is natural to suppose that when his alleged plagiarisms from Homer, or alleged mistakes or want of management in his narrative are in question, the ultimate source of the notes both in Servius and Macrobius is the work of Asconius Contra obtretractores Vergilii.

It is less easy to conjecture what were the sources of the minute verbal criticisms on which we dwell at length in previous pages; but there is considerable presumption that some of them at least are as old as Verrius Flaccus. I have drawn out the following lists with a view of eliciting the points common to Macrobius with Nonius, Festus, Gellius, Servius, Philargyrus, and the Verona scholia.

Macrobius vi iv 2, *addita: adfixa* et per hoc infesta. Hoc iam dixerat Lucilius in libro xiv his versibus 'Si mihi non praetor siet additus atque agitet me.'

Servius A. vi 90, *additus: est autem verbum Lucilii.*

§ 3. *Vomit undam: agmen* of a river. These notes are only found in Macrobius.

§ 5. *Crepitantibus flammis.* Macrobius illustrates only from Lucretius. Nonius, p. 255, quotes the passage in Virgil in a note on *crepare*.

§ 6. *Ferreus hastis Horret ager.* Macrobius illustrates from Ennius. Serv. A. xi 601: *Horret, terribilis est: est autem versus Ennianus vituperatus a Lucilio dicente per irrisionem, eum debuisse dicere horret et alget.*

Tremulum lumen. Macrobius only.

§ 8. *Umbraculum*. Macrobius illustrates from Varro and Cicero (de Legibus and Brutus). Servius E. IX 41 (Dan.) has a different quotation from Cicero, 'umbraculisque silvestribus.'

§§ 9, 10, 11. *Transmitto, defluo, discludo*. Macrobius only.

§ 12. *Deductus*. Macrobius says *deductum* pro *tenui* et *subtili* eleganter positum est, illustrating from Afranius, Cornificius, and Pomponius. Schol. Veron. E. VI 5, *deductum* carmen, tenue, gracile, subtile. Serv. ib. *deductum* . . . tenue: translatio a lana, quae deducitur in tenuitatem. Nonius, p. 289 (s.v. *deducere*), *deductum* dicitur molle et suave: Vergilius Bucolicis . . . 'deductum dicere carmen.' The expression *deductum carmen* is praised by Quintilian VIII 2, as 'proprie dictum, id est, quo nihil inveniri possit significantius.'

§ 14. *Proiectum*. Macrobius illustrates from Sisenna, and quotes the subst. *proiectus*—*ūs* from Lucretius: si secundum veteres, *porro iacta*. Nonius, p. 373, s.v. *proicere*: *proiectum*, longe iactum, extensum: M. Tullius de Signis 'sed quod erat eiusmodi loco, atque ita proiecta in altum.' Vergilius Aeneidos lib. III 'proiectaque saxa Pachyni Radimus;' and other instances are given from Cicero. Servius, A. III 699 (Dan.), *proiecta*, porrecta, extensa, ut (A. X 587) 'proiecto dum pede laevo,' a passage quoted by Macrobius.

§ 16. *Tempestiva pinus*. Macrobius only.

§ 17-22. Greek words.

§ 17. *Lychnus*. Macrobius quotes Ennius, Lucretius, and Lucilius. Serv. A. I 776, *lychni*; Graeco sermone usus est, ne vile aliquid introferret.

§ 19. *Aethra*. Illustrated only by Macrobius.

§ 20. *Daedala Circe*. This note I have shown (pp. liv, lv) comes from Verrius Flaccus.

§ 21. *Reboant*. Macrobius illustrates from Lucretius: Nonius, p. 79, s.v. *bount*, quotes the passage under discussion, G. III 223, illustrating also from Pacuvius and Varro, and remarking *bount* a boum mugitibus. Servius, G. III 223, says of *reboo*, est autem Graecum verbum. Nam apud Latinos nullum verbum est quod ante *o* finalem *o* habeat, excepto *inchoo*; quod tamen maiores aliter scribebant, aspirationem interponentes duabus vocalibus, et dicebant *incho*. Festus, p. 30, *boare*, id est *clamare*, a Graeco descendit, p. 107, *inchoare* videtur ex Graeco originem trahere, quod Hesiodus omnium rerum initium esse dixerit *chaos*: see on *cohum*, p. 39. Diomedes, p. 365 K., *inchoo inchoavi*: sic dicendum putat Iulius Modestus, quia sit compositum a *chao*, initio rerum. Sed Verrius Flaccus in postrema syllaba aspirandum probavit: *cohum* enim apud veteres *mundum* significat, unde subtractum *incohare*.

It would seem from these notices that two etymologies were suggested for *boo* and *incho*, a Latin (*boves, cohum*) and a Greek one (*βοῶν, chaos*); and I should be inclined to infer that both words were discussed fully by Verrius Flaccus, from whom Macrobius may directly or indirectly have derived his note.

§ 22. *Pausa*. Nonius, p. 458, illustrates this word from Accius and Lucilius.

The remaining Greek words are discussed in Macrobius only.

§ 23. Foreign words. *Urus*. Macrobius only.

Camurus. This note, as I have shown (see p. lv), comes, or may come, from Verrius Flaccus.

Macrob. vi v 3. Epithets. *Petulus*: this note (see p. lv) may come from Verrius Flaccus.

§ 4. *Liquidus*, as an epithet of fire. Macrobius illustrates from Lucretius, adding *liquidi simul ignis* pro *puro vel lucido*, seu pro *effuso et abundantanti*. Servius, E. vi 33, *liquidi simul ignis*, puri, id est aetherei; (Dan. adds) quem Cicero *ignitum liquorem* dixit. Lucretius, 'devolet in terram liquidi color aureus ignis.' A. vi 202, *liquidum* (aëra) pro *puro* dixit. Nonius, p. 334, has a long note on *liquidus*, which he explains as = *suavis* or *dulcis*, *purus*, *mollis* or *fluxus*. The three notes all seem to come from the same source, which is probably not later than the age of Trajan (see p. lxvi foll.).

§ 5. *Tristis* = *amarus*. Macrobius illustrates from Ennius: so Servius (Dan.) on G. i 75: comp. Servius and Philargyrius on G. ii 126. Nonius, p. 409, *triste*, *amarum*: Vergilius Georgicorum lib. i 'tristisque lupini Sustuleris fragiles calamos.'

§ 6. *Auritus* (*auritos lepores*, G. i 308). Macrobius illustrates the word from Afranius, 'aurito parente.' Servius, G. i 308, *auritos*, maiores habentes aures. Horatius aliter ait 'Doctum et auritas fidibus canoris Ducere quercus,' sensum audiendi habentes: comp. Nonius, p. 129, *inauritum*, quod non audiat. Festus, p. 8, *auritus* a magnis auribus, ut sunt asinorum aut leporum. It may be that Verrius Flaccus in his original note had quoted both Afranius and Virgil.

§ 7. *Turicremus* (Aen. iv 453, 'turicremis aris'). Macrobius illustrates from Lucretius: Servius (Dan.) says 'nomen mire compositum.'

§ 10. *Velivolus*. Macrobius quotes Livius Andronicus and Ennius: Serv. A. i 224, has a note nearly identical with his, but quoting Ennius only.

§ 11. *Vitisator*. Macrobius illustrates from Accius: Serv. A. vii 179, says *vitisator*: non inventor vitis, sed qui vitis genus demonstravit Italis populis.

§ 12. *Noctivagus*. Macrobius illustrates from Egnatius. Servius, A. x 206 (Dan.), says 'nomen mire compositum.'

§ 13. *Nubigena*. This word (like *arcitenens* and *silvicola*) is discussed by Macrobius only.

Before leaving these lists I would call attention to the fact that they show signs of having been extracted from alphabetical series: *additus*, *agmen*, *crepito*, *horrere*, *tremulus*, *umbraculum* (*transmitto*): *deftuo*, *discludo*, *deductus*, *proiectus*, *tempestivus*: (*lychnus*) *aethra*, *daedalus*, *reboo*: *camurus*, *Mulciber*, *petulus*: (*liquidus*, *tristis*, *auritus*): *turicremus*, *velivolus*, *vitisator*: *arcitenens*, *silvicola*: *noctivagus*, *nubigena*. There is also a slight tendency to put words from the same authors together: thus *agmen*, *crepito*, *horreo*, *tremulus*, are all illustrated from Ennius; so *lychnus* and *aethra*; *daedalus* and *reboo*, *petulus* and *liquidus*, from Lucretius: *arcitenens* and *silvicola* from Nævius.

These facts alone might fairly lead us to suspect that Macrobius is drawing upon glosses or philological works of respectable antiquity.

But the suspicion becomes something stronger when we find that some of the notes are traceable to Verrius Flaccus (*daedalus, camurus, petulcus, auritus*, and perhaps *reboos*), that others are common to Macrobius and Nonius, and others again to those two writers, with Servius and other later commentators. For I have endeavoured to show further on (p. lxiv foll.) that the Virgilian notes which are common to Nonius and the later commentators cannot be assigned to a later date than the age of Trajan. And the conclusion to which we are led in the case of the *scholia*, whose origin we can directly or indirectly trace, it is natural to extend to those of whose sources we are ignorant.

NOTE.

It was not until after these sheets had been sent to press that I was able to procure two pamphlets, by Drs. Linke and Wissowa, *De Macrobii Saturnaliorum fontibus*, Breslau, 1880. Dr. Linke, who goes much more fully than Dr. Wissowa into the question of the sources of the Virgilian criticisms in Macrobius, has come to the conclusion (1) that the additional notes in Daniel's Servius are ancient interpolations: (2) that the Servius of our commentary stands in no relation of dependence to the Servius of the Saturnalia; (3) that the ancient interpolators of Servius borrowed, in a great many instances, directly from Macrobius; (4) that there are some cases, nevertheless, where this cannot have been the case: (5) that Macrobius III 1-12 is taken from two different manuals, of uncertain date, each of which probably contained information borrowed ultimately from Verrius Flaccus.

With regard to (1) and (3) I would observe that the additional notes in Daniel's Servius may be interpolations, but that whether they are so or not, they are, in my opinion, taken not from Macrobius, but from a continuous commentary. For (1) they often extend without a break over continuous lines; (2) they sometimes give information which is not found in Macrobius; (3) they sometimes, in a very striking way, ignore what is to be found in him, as notably in the case of his sixth book (see p. xlv-1). I entirely agree with Dr. Linke as to the relation between our Servius and the Servius of the Saturnalia; with regard to Macrobius III 1-12 I am not convinced that he is right, as chapters 10, 11 and 12 may come from the *Aeneidomastix*.

THE ANCIENT COMMENTATORS ON VIRGIL.

1. CAECILIUS EPIROTA.

IT was not long before the poems of Virgil began to afford matter for discussion to lexicographers, grammarians, and writers on antiquity. The first scholar who actually lectured upon Virgil was Quintus Caecilius Epirota, for information about whom we are entirely dependent upon Suetonius (*De Grammaticis*, 16). He was, it appears, a freedman of Pomponius Atticus, the friend of Cicero, and was born at Tusculum. His *cognomen* suggests that he may have been the child of Epirot parents, brought over, perhaps, from the estates of Atticus in Epirus. The daughter of Atticus was married to Marcus Vipsanius Agrippa, and Caecilius was tutor to this lady. On account of a suspicion which arose against him with regard to his conduct in this relation, he left the family of Agrippa and lived henceforth on terms of intimate friendship with the poet Cornelius Gallus. His character was so unfavourably regarded by Augustus that this intimacy was the occasion of one of the gravest charges brought against Gallus by the emperor. After the condemnation and death of Gallus, Caecilius opened a school for a few young men, to whom he lectured on Virgil and other contemporary poets. Whether this was before Virgil's death or not there is no evidence to decide. A verse written upon him by Domitius Marsus—

‘Epirota, tenellorum nutricula vatum,’

seems to be pointed at the real or supposed effeminacy of his character.

2. VERRIUS FLACCUS.

Verrius Flaccus, the compiler of the first Latin lexicon ever written, must have paid a great deal of attention to Virgil. His work *De Verborum Significatu* has, as is well known, survived only in the abridgments of Festus and Paulus. Even in these, a considerable number of quotations from Virgil is to be found; and I am inclined to think that several of the original glosses of Verrius may be partially reconstructed from later writers, notably from Nonius and Macrobius, who seem to have preserved them in a fuller form than Paulus or even Festus. Thus (1) Paulus has preserved the following gloss on *daedalus* (p. 68, Müller), *Daedalam a varietate rerum artificiorumque dictum esse apud Lucretium terram, apud Ennium Minervam, apud Vergilium Circen, facile est intellegere.* Macrobius vi iv 2 remarks that Virgil says

daedala Circe because Lucretius had said *daedala tellus*. It seems from this that Verrius must have had an article in which the *daedala tellus* of Lucretius and the *daedala Circe* of Virgil were quoted together. The case was probably similar (2) with Verrius' article on *camurus*. Fest. p. 43 says *camara* and *camuri boves* a curvacione ex Graeco κἀμῦρ dicuntur. Nonius, p. 30, has the following note: *camurum* obtortum, unde et *camerae* tecta in curvitatē formata. Vergilius Georgicorum lib. III (v. 55), 'Et camuris hirtae sub cornibus aures.' Commenting on this line Macrobius vi iv 23 says *camurus* peregrinum verbum est, id est in se redeuntibus. Et forte nos quoque *camaram* hac ratione figuravimus. Servius, in his note on the passage of the third Georgic, says, *camuris*, id est *curvis*. Unde et *camerae* appellantur, and Philargyrius brings us very near to the gloss in Paulus, *camuri boves* sunt qui conversa introrsus cornua habent. I conjecture that these remarks all represent parts of a full note in Verrius Flaccus, in which *camuri boves*, *camurae aures*, and *camera* were discussed together. (3) On p. 206 Festus has a note on *petulcus* which he illustrates from Virgil's fourth Georgic (*haedique petulci*), from Lucretius, and from Afranius. It is instructive to find that Macrobius, in his comment on the line in the fourth Georgic, also quotes the same line of Lucretius in illustration of the word.

I have little doubt that had the work of Verrius De Verborum Significatu been preserved in its original extent, it would be possible to multiply these examples of comments drawn from articles in his lexicon in which Virgil was quoted. It is much easier to collect instances in which the De Verborum Significatu was used by late commentators for general purposes of illustration. (1) Take for instance the note in Festus p. 298 on the word *summussi*. *Summussi* dicebantur *murmuratores*. Naevius: 'Odi, inquit, *summossos*; proinde aperte dice, quid siet quod times.' Ennius in sexto Annalium: 'Intus in occulto *mussabant*,' et Ennius in Andromache . . . *Mussare silere* est: nam [Iuventius in Anagnorizomene], 'quod potes sile cela occulta tege tace *mussa* mane.' Philargyrius on Georg. iv 188, *mussant*: hic *murmurant*. Quae vox ponitur in tacendi significatione, ut apud Ennium in xvii, 'non possunt *mussare* boni qui facta labore Nixi militiae peperere.' Interdum autem pro *dubito*, ut (A. xii 657) '*mussat* rex ipse Latinus, Quos generos vocet.' *Mussant* autem *murmurant*. Ennius in x sic ait, 'Expectans si *mussaret* quae denique pausa Pugnandi fieret.' Serv. A. xii 657 *mussat*, modo dubitat; Dan. adds, . . . Veteres *mussat* pro timet. Ennius *mussare* pro *tacere* posuit. Clodius Tuscus: '*mussare* est ex Graeco; comprimere oculos Graeci μῦσαι dicunt.' And Nonius, p. 427, distinguishes *mussare* and *murmurare*.

(2) Paulus, p. 368, on *vescus*. *Vescus* fastidiosus. *Ve* enim pro *pusillo* utebantur. Lucretius *vescum* dixit edacem, cum ait 'nec mare quae impendent vesco sale saxa peresa. Gellius xvi v 6 has words to the same effect, but Nonius, p. 186, seems to preserve a better form of this gloss, in which it is clear that Paulus or Festus have confused quotation and interpretation: *Vescum* minutum, obscurum. Lucilius lib. xxvi 'quam *fastidiosum* ac *vescum* cum Falcidio videre.' Vergilius Georgicorum lib. III (175) 'nec *vescas* salicum frondes.' Afranius in

Sororibus, 'At puer est vescis imbecillus viribus.' Turning now to Philargyrius on Georgic III 175, we find *Vescas*: teneras et exiles. Nam *vescum* apud antiquos significabat *macrum*, et quasi quod escam non reciperet. Afranius in Sororibus, 'At puer est vescis imbecillus viribus.' Sed vide ne *vescas appetibiles* dixeris. Lucretius certe pro *edace* posuit, ut 'vesco sale saxa peresa.' Serv. G. III 175, *vescas frondes*, siccas et teneras. Nam *vescum* hoc est proprie, unde et telae aranearum vescae nominantur, comp. Serv. G. IV 130.

(3) Paulus, p. 321, *pagani* a pagis dicti. *Pagi* dicti a fontibus, quod eadem aqua uterentur. Aquae enim lingua Dorica *παγαι* appellabantur. Serv. G. II 381: primi ludi theatrales ex Liberalibus nati sunt: ideo ait *veteres ludi* . . . *Pagos et compita circum*: id est, per quadrvia, quae *compita* appellantur, ab eo quod multae viae in unum confluant, et villas, quae *pagi ἀπὸ τῶν πηγῶν* appellantur, id est a fontibus, circa quos villae consueverant condi. Unde et *pagani* dicti sunt quasi ex uno fonte potantes.

Did space permit I could give many more examples of this phenomenon, the existence of which was first revealed to me by a minute comparison between Festus and Paulus on the one hand, and Servius, Philargyrius and the Verona scholia on the other. But to pursue this question into all its details is a task which hardly falls within the scope of the present essay: and I proceed therefore to speak of another eminent scholar of the same period who gave some attention to Virgil, C. Iulius Hyginus.¹

3. HYGINUS.²

Hyginus was, as we know from Gellius XVI 6 and I 21, the author of a special work upon Virgil: *Commentarii in Vergilium*, or *libri de Vergilio facti*, as Gellius calls it. There is no evidence that this work was a regular continuous commentary on Virgil; and had it been of this nature, there can hardly be any doubt that Hyginus' name would have appeared far more frequently than it has in the commentaries of Servius or Philargyrius, or the Verona scholia.

We may conveniently divide the remarks of Hyginus which have been preserved by Gellius and the later commentators into those which refer (1) to the text, (2) to interpretation of language, (3) to history and antiquities, religious or political.

(1) In Aen. XII 120 he defended from Virgil's own manuscript the reading '*velati limo*:' and in Georgic II 247 *amaror*, appealing in like manner to a good MS. Gellius, I xxi 5, who gives us this information, remarks, 'non enim primus finxit hoc verbum Vergilius insolenter, sed in carminibus Lucretii inventum est, nec est aspernatus auctoritatem poetae

¹ Some notes by Verrius may perhaps survive under the name Ebrius. See G. IV 77, where the Berne scholia say, 'in Ebrii nactae, non nactae:' comp. Paulus, p. 276 M. Compare similarly the Berne note on G. IV 88, 'ambo iuxta Ebrium,' with Paulus (Festus, p. 4 M.) and Serv. on E. V 68, A. XII 342, and Iul. Rom. ap. Charis. p. 119 K. So also on G. IV 175 the Berne note, 'forcipe in Ebrii,' etc., recurs in Fest. p. 84 M., Nonius, p. 531, Philarg. and Charis, p. 94 K.

² Suetonius *De Illustribus Grammaticis*, 20.

ingenii et facundiae praecellentis.¹ An observation for which he may be indebted either to Hyginus or to Verrius Flaccus, in whose works it is probable that there was a not inconsiderable amount of common matter.

(2) Gellius xvi vi 15 preserves a note of Hyginus upon the word *bidens*, which he interprets as meaning a sheep with the two prominent teeth which mark its full growth. Whether this interpretation was due to Hyginus or to Verrius Flaccus, whether either of them borrowed it from the other, or both adopted it independently, cannot be ascertained with certainty: but it is worth notice that the explanation adopted by Hyginus is identical with that given in Paulus p. 33, s. v. *bidental*. In Aen. vi 15, he found fault with the expression *praepetibus pennis*.¹ His objection is not expressly noticed in the commentary of Servius, who, however, appears to be tacitly replying to it. And in vii 187, he criticised the zeugma *lituo et succinctus trabea*.²

(3) Hyginus, who had made considerable studies in Roman history, was not slow to observe the error by which Virgil in the sixth Aeneid (837) confuses the conquerors of Macedonia and of Greece.¹ Servius, again without mentioning Hyginus, is at the pains to attempt a solution of the difficulty which cannot be called successful. The same is the case with Hyginus' remark on Aen. vi 359, that Velia was not founded at the time when Aeneas is represented as coming thither;¹ and with his observation that Theseus is spoken of at one time as remaining in hell for ever, and in another as an instance of a hero who had returned thence (Aen. vi 122, 617). As the name of Hyginus is not mentioned in these cases by Servius, it is natural to infer that his criticisms were only known to the later commentator at second or third hand. There are instances, however, in which Servius mentions Hyginus by name. Thus he is quoted on Aen. i 277, 530, on points connected with the early history of Rome and Italy; and so on Aen. ii 15, and vii 47. His work *De Urbibus Italicis* is mentioned in general terms by Servius on Aen. vii 678, and that *De Familiis Troianis* on Aen. v 389. Both works were probably much used by the later commentators on Virgil, and much of their contents may have found its way into Servius.

4. IULIUS MODESTUS.

Ribbeck conjectures that this scholar, the freedman of Hyginus (Suetonius *De Illustribus Grammaticis* 20), who commented on Horace, made also some scattered remarks upon Virgil. I am not aware, however, that any Virgilian notes are in existence which can with certainty be referred to him. The name of Aufidius Modestus occurs (if the reading be certain) in a note by Philargyrius on the words *coniurato Histro* (Georg. ii 497); but can we be certain that the same person is intended? Ribbeck thinks that the long note in Nonius, p. 377, on *tenuis* and *protinus* comes from the *Quaestiones confusae* of Iulius Modestus. And undoubtedly Philargyrius on Georg. iii 53 (*crurum tenuis*) remarks, *Modestus tenuis pro fine accipit*, and Nonius says *ipsum*

¹ Gellius v 8.

² *Ibid.* x 16.

lviii THE ANCIENT COMMENTATORS ON VIRGIL.

tenus . . . maxime finem terminumque designat. It is, however, at least as probable that both Modestus and Nonius owed their information to Verrius Flaccus, for in Festus, p. 367, we read *tenus* significat *finem*, ut cum dicimus *hactenus*. And more of this note on *tenus* I suspect is to be found in the note of Servius on Aen. vi 62, *hactenus*, hucusque: id est hic sit finis. Nam *tenus* est proprie extrema pars arcus, ut Plautus ostendit (Bacch. iv vi 23) 'ita intendi *tenus*,' unde tractum est ut *hactenus hucusque* significet. However the case may really have stood, we have here again, as in the instance of the note on *bidens*, a valuable specimen of the scholarship of the Augustan age.

5. L. ANNAEUS CORNUTUS.

Cornutus, the contemporary and friend of Silius Italicus, and the revered tutor of Persius, was banished by Nero A.D. 68. He was the author of commentarii Aeneidos, which are mentioned by Charisius, pp. 100 and 102, and apparently of remarks on the Eclogues. A few of his notes are quoted in the Verona scholia and in the commentary of Servius. In Aen. i 45, he would have preferred 'infixit' to 'infixit' as more forcible (*vehementius*): in Aen. i 150, he defended *volant* against *volunt*, and in Aen. ix 348, he read for 'multa morte recepit' 'multa nocte recepit.' These specimens do not impress us very deeply with a sense of his critical power; nor does he always appear to much advantage as an interpreter. In Aen. ix 675, for instance, he took 'commissa' as equivalent to 'clausa'; an interpretation improbable in itself, and which is wholly ignored in the note on this passage in Nonius p. 249. A few other notes of Cornutus, hardly worth quoting here, may be found in Servius and the Verona scholia.

Several objections of his to points of detail in Virgil's language and in his management of his story have been preserved by Gellius and Macrobius. He took exception to the word *vexasse* in Ecl. vi 76, where Servius appeals to Probus in the poet's defence (comp. Gell. ii 6). He found fault with the conclusion of the fourth Aeneid: 'unde haec historia, ut crinis auferendus sit morientibus, ignoratur,' are his words quoted in Macrobius v xix 2. It was naturally replied that Virgil was simply following the Alcestis of Euripides. Not much more attention need be paid to his complaint that Virgil in Aen. v 488 has made Aeneas shoot a bird sacred to his own mother, or to his criticisms (preserved by Gellius ix 10) of the wording of Aeneid viii 405.

6. AEMILIUS ASPER.¹

It is uncertain whether this distinguished scholar lived before or after Probus. The fact that no mention is made of him by Suetonius in his work De Illustribus Grammaticis makes very strongly in favour

¹ Jerome, c. Ruf. 472, 'Aspri in Vergilium et Sallustium Commentarios.' 'Asper, Cornutus, et alii innumerabiles requiruntur ut quilibet poeta possit intellegi,' says Augustine, Util. Cred. § 17. [Lämmerhirt in Commentationes phil. Ienenses iv 401 argues that Asper lived about the end of the second century A.D.]

THE ANCIENT COMMENTATORS ON VIRGIL. lix

of the later date; nor can there be said to be any positive evidence for the earlier one. It is true that in a note of the Verona scholia on A. ix 373, Asper is said to have raised a question with regard to the word *sublustris* which was answered by Probus: but this need prove no more than that Asper, if he knew of the answer given by Probus, was not satisfied by it. Nor can anything be inferred from the fact that on A. x 539 Asper's reading *armis* is mentioned before that preferred by Probus, *albis*. The conjecture of Bergk, who would read Ἄσπερος for Ἄπερος in Suidas' notice of Heraclides Ponticus, could hardly be accepted were it certain on other grounds that Asper lived in the reign of Claudius. Nothing again can be concluded from the fact that the commentary on the Eclogues and Georgics which bears the name of Probus quotes Asper as an authority; for (as we shall see below) this commentary is probably in great part spurious.

However this may be, Asper was the author of a regular commentary not only on Virgil but on Terence and Sallust. A considerable number of his notes are preserved, apparently in their original form, in the Verona scholia. Others are to be found in Philargyrius and Servius; and I have little doubt that much more of Asper's work is embodied in the commentary of Servius than its author chooses to acknowledge. For if we compare the notes which the Verona scholia expressly assign to Asper with the corresponding notes in Servius, we constantly find that the latter has virtually the same comment in an abridged form, and without any hint of its source. From this fact we may infer almost with certainty that had the Verona scholia or any other commentary of equal fulness come down to us unimpaired, we should have found that Servius was indebted to Asper to a far greater extent than we should otherwise have been led to suspect. Many of the numerous quotations from Terence and Sallust scattered through the notes of Servius are, I can hardly doubt, taken from Asper, who, as we shall see in a moment, was fond of illustrating his notes from Sallust.¹

The remarks of Asper, whether they refer to matters of textual criticism or of interpretation, are for the most part scholarlike and interesting even when they fail to carry conviction. In Aen. x 539, he preferred to read *insignibus armis* to *insignibus albis*, basing his preference on a quotation from Sallust. But there can hardly be a doubt that Probus was right here in reading *albis*. In Aen. x 673 he was clearly right in reading *quosne*, not *quosve*, and in line 737 of the same book as clearly wrong in reading *viris* for *viri*. In xi 801 I should be inclined to infer from the note in Servius that Asper was led from an apparent parallel in Sallust to read *auras*, the old genitive singular, for *aurae*. In G. iv 238, he (as we learn from the Berne scholia) rightly defended *in vulnere* as against *in vulnera*.

Of Asper's sense and insight as an interpreter all remaining indications would lead us to think highly. In Aen. ix 418, for instance, he pointed out that *per tempus utrumque* must be taken as = *inter tempus utrumque*; in Georg. ii 324 (*vere tument terrae*) his good sense told him

¹ This applies perhaps to the Sallustian quotations in Donatus on Terence.

IX THE ANCIENT COMMENTATORS ON VIRGIL.

terrae was nom. pl., not (as Donatus took it three centuries afterwards) the gen. sing.; in Aen. ix 386 he took *imprudens* as = *ignorans se evasisse*. Other explanations of his appear more ingenious than sound: as, for instance, when in x 188 he took *crimen vestrum* to mean *causa vestrae mutationis*: or when in Aen. ii 305 he explained *montano flumine* as = *magno flumine*: or in Aen. iv 146 *picti Agathyrsi as stigmati*, tattooed, an opinion from which Servius dissents: or in ix 678 *armati ferro* as = *ferrea corda habentes*. Some of his notes on points of interpretation appear to come from Verrius Flaccus. Thus he says on Aen. x 6 (see Scholia Veronensia) that *quianam* is an archaic word. Servius, whose note does not name Asper but is probably indebted to him, quotes *quianam* from Ennius. Now this was also the case with Verrius Flaccus' note on the word (Festus, p. 257), though the instances quoted by Festus and Servius are not identical. So also perhaps with the note on *sinum lactis* in the Verona scholia on Ecl. vii 33 'Asper. *Sinum* est vas vinarium, ut Cicero significat, non, ut quidam, lactarium. Plautus in Curculione (i i 75), *Cedo puere sinum*. Et respondetur. *Quasi tu lagoenam dicas in qua Chium vinum solet esse. Sinus* ergo vas patulum . . . e *stinus* vocitatum . . . Varro de Vita Populi Romani lib. i *lepistam vas dicebant ubi erat vinum in mensa positum, aut galeola aut sino*. Tria enim haec similia sunt, pro quibus nunc *acratophoron* ponitur.' With this note, which is also given in Servius (Dan.) without acknowledgment, must be compared that in Nonius p. 547. *Sinum* et *galeolas*, vasa sinuosa. Vergilius in Bucolicis (vii 33) 'sinum lactis, et haec te liba, Priape, quotannis Expectare sat est.' Varro de Vita Populi Romani lib. i 'ubi erat vinum in mensa positum aut galeola aut sino.' *Lepista*, vas ahenum. Varro de Vita Populi Romani lib. i 'ut fere habent ahenum (? alii) qui venditant oleum. *Lepistae* etiamnunc Sabinorum fanis pauperioribus plerisque aut fictiles sunt aut ahenae.' Now the note on *lepista* probably comes from Verrius Flaccus, for Paulus, p. 115, says, '*lepista* genus vasis aquarii': and many other notes in the fifteenth book of Nonius, De genere vasorum vel poculorum, can be shown to have been derived from that author: those namely on *aula*, *pelvis*, *patella*, *cymbia*, *orca*, *catinus*, *calpar*, *armillum*, and *creterrae*. (Compare Paulus, pp. 23, 247, 248, 51, 180, 169, 65, 53.)

On Aen. vii 485, Asper, as quoted in the Verona scholia, remarks: 'nomen Tyrrhi ab historicis traxit—Tyrrhum enim aiunt fuisse pastorem apud quem Lavinia delituit tum cum Ascanium timens fugit in silvas—Hic Latini vilicus traditur fuisse.' This note Ribbeck (Prol. p. 134) thinks may have come from Cato.

Notes of Asper on the character of Mezentius as *contemptor divum*, and on the Potitii and Pinarii, are quoted by Macrobius Sat. iii v 9. Of the first of these Servius has nothing, but of the second he has a great deal in his comment on Aen. viii 270.

I will conclude by giving a list of the notes which are expressly assigned to Asper by the Verona scholia, or Philargyrius, but which are given by Servius, sometimes in an abridged form, without acknowledgment of their source. These are, so far as I have been able to ascertain, that on *sinum lactis*, Ecl. vii 33; on *infelicitis Ulixi*, Aen. iii

THE ANCIENT COMMENTATORS ON VIRGIL. lxi

691; on *Camarina*, Aen. III 701; on *exin*, Aen. VII 341; probably Aen. IX 360 and 363; on *sublustris*, Aen. IX 373; on *imprudens*, Aen. IX 386; on *quianam*, Aen. X 6, and on *non nullius numinis*, Georg. IV 453.

7. M. VALERIUS PROBUS.

M. Valerius Probus, of the flourishing colony of Berytus in Syria, betook himself to the study of scholarship, if we may believe Suetonius, only after failing in an attempt to succeed in a more active profession ('*diu centuriatum (centurionatum?) petiit donec ad studia se contulit*'). The study of the ancient authors—and such was the self-confidence of the Augustan writers and their immediate successors, that Cicero, Lucretius, Catullus, and Varro were counted and perhaps half despised as ancients long before the first century had run its course—soon began to languish at Rome. But these writers maintained their reputation out of Italy, and the curiosity of Probus was awakened by reading some of them with a provincial lecturer. The study of these authors inspired him to go on to others, and regardless of the fact that the pains he was spending were likely to gain him nothing but discredit, he determined to devote his life to the emendation, punctuation, and explanation of ancient texts. Among these he appears to have paid special attention to Terence, Lucretius, and Virgil. Probus published little of importance in his life-time, but left a considerable posthumous work in the shape of a '*Silva observationum sermonis antiqui*,' from which a great deal, I suspect, has filtered into the work of the later grammarians.

Probus was alive, as we may infer from Martial's address to his third book (III ii 12, '*illo vindice nec Probum timeto*'), in 88 A.D.: but his merits had been recognized at Rome some thirty years before.¹ He did not open a school, or form pupils in the ordinary sense of the word. But he had admirers with whom, like Socrates in a higher path of speculation, he would converse, and perhaps did more in this way than he would have done by direct teaching to stimulate the love of antiquity which marks the scholars of the generation which followed him. His influence is very marked in the *Noctes Atticae* of Gellius, who had known and conversed with friends of Probus.

Judging from the remains of his notes which have been preserved in Servius and other later writers,² one would be inclined to assign to him without question the first place among the commentators on Virgil. His remarks on the text of the poet are of the utmost value, whether we regard them as based on his own conjectures, or (as I am more inclined to suppose) on the inspection of excellent manuscripts now lost. That Probus did not spare himself the labour of consulting the oldest accessible documents we know from Gellius XIII xxi 4, where he is said to have examined a manuscript of the first *Georgic* corrected by the hand

¹ Jerome to A.D. 56, '*Probus Berytius eruditissimus grammaticorum Romae agnoscitur.*'

² Diomedes, p. 342, has explanations of Virgilian passages which may come from Probus and certainly agree with Servius' notes: see, for example, *Ecl.* VIII 72.

of Virgil himself, with the view of settling the question whether the acc. pl. of *urbis* should be spelt *urbis* or *urbes*. He had probably also looked at good copies of the Aeneid before he appealed to Aen. II 224, 460 and III 106 on the matter. His common sense is as notable as his industry. The question, he maintained, would have been decided by Virgil not in pedantic accordance with a fixed rule, but according to the judgment of his ear.

In Aen. VII 773 the undoubtedly true reading *Phoebigenam*, which is found in none of our manuscripts, is due to Probus. It is difficult to believe that he hit upon this by conjecture, or (to put the same statement in another way) that Varius and Tucca would have allowed the meaningless reading *Poenigenam*, which has taken possession of the existing copies, to remain in the text of Virgil. The same remark applies to his defence of *floros crines* against *flavos crines* in Aen. XII 605. *Floros* he defended by an appeal to ancient authors; and it is worth noticing that Nonius, p. 109, has a note on *florus* illustrated from Naevius. Is Nonius drawing upon the notes of Probus, as Ribbeck is inclined to think he is in his seventh book, or are both dependent on some earlier lexicographical authority? In Aen. X 539, Probus was doubtless right in reading *insignibus albis*, not *insignibus armis* with Asper. More questionable is his judgment in the case of Aen. I 44, where he would have us read *transfixo tempore*, not *transfixo pectore*. In Aen. I 441 he rightly defended by an example from Sallust *laetissimus umbrae* against *laetissimus umbra* (compare Servius (Dan.) on Aen. XI 338). In VIII 406 he (and after him Carminius) wished to read *infusum* for *infusus*. In IX 814 he defended *aeger anhelitus* as against *acer anhelitus*. In G. I 277 he read *Horcus*, not *Orcus*.

These are instances of his power as a textual critic: let us now consider some examples of his notes on grammar and interpretation. Servius on the first line of the first Aeneid informs us that Probus (following Cicero and Caesar) laid it down that *Troia*, *Graios*, *Aiax*, should be written with *ii*: a scholar's canon which is not supported by the evidence of good inscriptions. From this fact Ribbeck thinks it possible that Gellius, when in IV 17 he defends the orthography *iniice*, *subiicit*, *obitibus*, may be following in the track of Probus (Prol. p. 139). On Aen. I 194, he made a distinction between the active and passive forms of *partio* and other verbs of the same kind. It should be observed that Nonius in treating of these words (pp. 472, 474) makes no distinction between the two forms: a fact which suggests that he and Probus followed independent sources, or that Probus made the distinction on his own judgment. The same is the case with regard to Nonius in the note quoted from Probus on Aen. IV 359, *nemo haurit vocem*. Nonius, p. 319, quotes Virgil's words 'vocemque his auribus hausit' as a good instance of metaphorical expression, just as does Quintilian VIII III 54. In Aen. III 3 Probus took *fumat* not as the present but as the contracted perfect. On VI 473 he apparently had a dissertation on the word *pristinus* ('de hoc sermone quaerit Probus et alii,' says Servius). It would be interesting to know what relation this discussion bore to the notes of Verrius Flaccus on the same word (Fest. pp. 226, 253). In X 303 he ingeniously remarked that *vadi dorso* was equivalent to

vado, as *dorso nemoris* (G. III 436) to *nemori*. To the words *aequore iusso* (Aen. x 444) he put the sign *alogus*, implying that they defied a rational construction. On Aen. XII 174, he explained *altaria* as meaning 'ea quae in altaria funduntur' (comp. the Schol. Veron. on Aen. v 93). In E. VI 76 he defended the word *vexasse* against the objections of Cornutus (Serv. ad. 1, comp. Gell. II 6 = Macrob. VI VII 4): and it is not at all improbable, as Ribbeck suggests, that the whole of the sixth chapter of Gellius' second book is taken from the commentary of Probus. On A. IX 373 he defended 'sublustri noctis in umbra' by the example of Horace's 'nocte sublustri' (Schol. Veronensia), a parallel which Servius borrows without acknowledgment.

Not that Probus was blindly partial to his author. 'Probo displicet *salsus sudor*,' says Servius and the Verona scholia on A. II 173; he would have preferred the omission of A. IV 418, 'puppibus et laeti nautae imposuere coronas'; of the story about Camilla in A. XI 554 he said that it was *ἀπίθανον πλάσμα*, an incredible fiction. Gellius IX IX 12, tells us that he was very severe upon Virgil's description of Dido as compared with that by Homer of Nausicaa, which Virgil is copying. Of A. IX 369 ('equites ex urbe Latini Ibant, et regi Turno responsa ferebant') the Verona scholia tell us that Probus and Sulpicius Apollinaris (that is, probably, Probus as quoted by Sulpicius Apollinaris) complained that it was inconsistent with VII 600, 'saepsit se tectis rerumque reliquit habenas.'

Such are some of the scanty relics of one of the most important commentaries, perhaps the most important commentary on Virgil that antiquity produced. Of the existing commentary which bears the name of Probus it would be rash to say that it contains nothing which can be traced to the hand of the master; but that the bulk of it can be his it is impossible to suppose. To say nothing of the gross historical blunder with which the commentary on the Eclogues opens—assigning as it does the confiscation of Virgil's estate to the time which followed the battle of Actium—it must be observed that the general character of the work corresponds in no way with what we should expect from the account given of Probus by Suetonius (Ill. Gramm. 24), according to which it was almost entirely to questions of grammar and criticism that he devoted his attention. The remains of Probus' commentary on Virgil which have been preserved by later writers bear out, as will have been seen from the specimens which I have quoted, the observation of Suetonius. Very few of them touch on questions of history or antiquities: one only, on Aen. x 18 ('hominum divumque aeterna potestas'), contains matter of a quasi-philosophical character. Now if there is one thing noticeable about the commentary on the Eclogues and Georgics which bears the name of Probus, it is that it is concerned almost entirely with points of mythology, history, geography, and theosophy. Nor can its quality as a whole, though here and there it gives us a valuable remark, be pronounced at all worthy of what might have been expected from the great scholar of Berytus.¹

¹ It should be observed that the opening remarks on the supposed origin of bucolic poetry are in substance identical with those of Diomedes, p. 488 foll., and also with those of Servius at the beginning of his commentary. Now the whole section of

8. RELICS OF COMMENTARIES PRESERVED IN THE DE COMPENDIOSA DOCTRINA OF NONIUS (pp. lxiv-lxxxvii).

I strongly suspect that a great many of the observations made by Probus in his commentaries on ancient usage, as well as other remains of the work of scholars of the first century A.D., may be recovered from later writers, and notably from Nonius Marcellus, the well-known African scholar of the fourth century. The *De Compendiosa Doctrina* of Nonius is a medley of mutilated scholarship which, for the sake of convenience, we may distribute under three heads: first, lexicographical: Books I, II, IV, V, VI, and part of XII; second, grammatical: Books III, VII, VIII, IX, X, XI, and part of XII; third, antiquarian: Books XIII-XX. The antiquity of his authorities is sufficiently established by the single fact that, with four or five exceptions, he quotes no author of later date than the Augustan age.

Of the lexicographical and antiquarian books I could, did space permit, show that much is ultimately due to Verrius Flaccus, although I suspect that it came to Nonius through the hands of other scholars, such as Caesellius Vindex, and Suetonius. The fourth book (*De Varia Significatione Verborum*), which occupies more than a third of the whole treatise, and is also in point of matter the most important part of it, is remarkable for the enormous number of quotations from Virgil which it contains. It may indeed be said without exaggeration that there are very few articles in this section in which Virgil is not quoted. This fact seems to point to the conclusion that the writer from whose works the fourth book of Nonius was taken, was a great student of Virgil, as well as (in his way) a lexicographer.

But in the case of the grammatical books of Nonius, we can go further, and assert that much of them is distinctly traceable to Pliny and Probus. Taking the third book (*De Indiscretis Generibus*) first, we may observe that the subject of doubtful gender had occupied the attention of grammarians in the first century A.D. So much may be inferred from the language of Quintilian IX iii 6, who speaks as if he had manuals before him in which the subject was treated. One of these may have been the book of Probus, *De dubiis generibus* (probably part of his *Silva Observationum*), cited by Priscian (I, p. 169, 171 Keil). Let us proceed to consider the relation between this work and the third book of Nonius.¹

Diomedes in which these observations occur is supposed by Keil (and very plausibly) to come from Suetonius. If this be the case, the commentary attributed to Probus is at once stamped as spurious. [Kübler, *de Probi commentariis Vergilianis* (Berlin, 1882), suggests that the commentary was written in the fourth century.]

The grammatical treatises (*Catholicon* and *Instituta Artium*) which bear the name of Probus are not now, so far as I know, attributed by any scholar to Probus of Berytus: see Keil's preface to the fourth volume of his *Grammatici Latini*.

¹ [See also *Journal of Philology* xv, reprinted in Nettleship's *Essays*, second series, pp. 169-170.]

(I) BOOK III. DE INDISCRETIS GENERIBUS.

Priscian, in the passage already quoted, gives a list which he took, as he says, from the treatises of Caper and Probus de dubiis generibus. This list is partly alphabetical. 'Vetustissimi in multis, ut diximus, supra dictarum terminationum inveniuntur confudisse genera, nulla significationis differentia coacti, sed sola auctoritate, ut *hic et haec aspergo, alvus, arcus, adeps vel adipēs, charta, cardo, cinis vel ciner, cervix, collis, crux, calx, cupressus, platanus, populus, laurus, aquila, crinis, carbasus, colus, hic et haec cassis, clunis, hic et haec conscia (?) , callis, fornax, frutex, grex, frons frontis, hic et haec humus, imbrex, latex*. Accius 'non calida latice lautus: ' *lembus, linter, lepus, agnus, leo, pampinus, perdix, hic et haec palumbes, hic et haec faex, rudens ὁ πρότονος, socrus, supparus περιώμιον et hoc supparum, senex, stirps, torris ὁ δαλός, tiaras, Tiberis, amnis, torques, trames, vesper, hi et haec vepres.*' This list is alphabetical, with three exceptions. After *cupressus* come *platanus, populus, laurus, aquila*: after *lepus, agnus*, and after *Tiberis, amnis*: a fact to which I shall recur in a moment.

This list only includes instances of confusion between the masculine and feminine genders. Priscian goes on to give instances of confusion between the masculine and neuter, or the masculine, feminine, and neuter: *guttur, murmur, glomus, fretus, dorsus, gelus, Hister, Rhenus, Tanagrus, Metaurus, Iberus, Vulturinus, Oceanus, iubar, liquor, papaver, penus, pecus, retis, sexus, specus, sal.*

These lists are (with the exceptions noticed) alphabetical, and so far resemble the third book of Nonius. And of the words thus catalogued by Priscian in this passage, thirty-one out of seventy-two are to be found in Nonius. I might have said thirty-one out of sixty-eight, for the words *platanus, populus, laurus*, and *aquila* (which are absent in Nonius), are intruded in Priscian in a place where, alphabetically, they have no right to stand, the alphabetical order proceeding properly from *cupressus* to *crinis*.

Priscian distinctly tells us that he has taken his lists from Caper and Probus: and it would, therefore, be easy to infer that the third book of Nonius also comes from the same sources. But the question is somewhat complicated by the relations of the third book of Nonius to Charisius, which must now be briefly considered.

Charisius, pp. 70-109, has a section in which, among other instances of anomaly and doubtful usage in grammar, the question of words with a double gender is discussed. The main characteristics of this section are, (1) that the words are not arranged in alphabetical order, but in small groups which are sometimes alphabetical, sometimes formed according to the meaning of the words, but often, as far as we can see, quite casual; (2) that stress is constantly laid on the difference in meaning of similar words, or different genders, or different forms, of the same word; (3) that Persius is the latest author quoted; (4) that the latest authority quoted is Pliny's work *dubii sermonis*: while Verrius Flaccus, Iulius Modestus, and Varro are not seldom cited.

On comparing this section of Charisius with the third book of Nonius, we find that upwards of forty words discussed are common to

both works : and that in a considerable number of instances a passage quoted in Charisius by way of illustration is also cited to illustrate the same word in Nonius. This is the case, for instance, with *alvus*, *anguis*, *balleus*, *cinis*, *contagio*, *calx*, *caseus*, *frenus*, *forum*, *grex*, *intubus*, *praeseptia*, *panis*, *palumbes*, *penus*, *papaver*, *sexus*, *sibilus*, *sanguis*, *stirps*, *tapete*, *vulgus*. It must be added that it seldom, if ever, happens that this coincidence in the passages cited extends to more than one quotation among several adduced.

The section of Charisius differs, however, from the third book of Nonius in three important particulars. In the first place, it does not treat merely of the question of gender, but of other difficulties of form as well, as of anomalies in declension, the comparison of adjectives, the formation of adverbs, and the derivation of nouns ; secondly, it is not arranged alphabetically ; and thirdly, it considers differences of gender very often as indications of difference in meaning, while Nonius confines himself almost entirely to the question of form. It is reasonable, then, to infer that this section of Charisius was drawn from some work which dealt with anomaly in formation in a sporadic and miscellaneous way, not by way of lists strictly drawn up in alphabetical order, or confined to particular branches of the subject.

Proceeding now to compare this part of Charisius with the corresponding parts of Priscian, we find the same kind of relation existing between Charisius and Priscian as between Charisius and Nonius, namely, that Priscian seems, in contrast to Charisius, to be drawing upon a strictly grammatical work or works. Some of the words (about fourteen, I think) are treated by all three writers, Nonius, Charisius, and Priscian : these are *alvus*, *charta*, *clunes*, *cinis*, *calx*, *crines*, *grex*, *palumbes*, *penus*, *papaver*, *sexus*, *sal*, *sanguis*, and *stirps*.

Returning, then, to Nonius, we find that his alphabetical arrangement, his grammatical treatment, and the considerable number of instances common to both writers, suggest a close relation between his third book and the sources of Priscian I, pp. 169-71, and a relation of some kind, though not nearly so close, between this book and the sources of Charisius, pp. 70-109.

We know that Probus and Caper treated separately of the question of doubtful gender (*de dubiis generibus*). I think it, then, extremely probable that Nonius' third book is neither more nor less than an extract from the work of one or the other of these writers.¹ Charisius, on the other hand, in the section which we have been considering, was, I believe, drawing either directly or indirectly upon Pliny's books *dubii sermonis*. This I think probable, not merely from the express mention of Pliny's name, but also from the range of the quotations. And the coincidences between Charisius and Nonius I would explain by supposing that Probus either drew upon Pliny's treatise, which he may well have done, as he outlived Pliny by some years, or that he used the same authorities. (Comp. Prisc. I, p. 393, Plinium et Probum.)

Before quitting this part of my subject, I would observe that there

¹ For the relation between Caper and Probus, see Keil's preface to the last volume of his *Grammatici Latini* and vol. v, p. 570.

THE ANCIENT COMMENTATORS ON VIRGIL. lxvii

are various points of contact between the third book of Nonius and Verrius Flaccus. It is remarkable, also, that Verrius is often cited by Charisius in the section so often alluded to. The natural inference is that Probus and Pliny both drew largely upon the lexicon and the grammatical treatises of Verrius.

(2) BOOK VII. DE CONTRARIIS GENERIBUS VERBORUM.

This book mostly consists of notes upon verbs, which in old Latin were used both as actives and as deponents, or (in other words) verbs whose deponent form was also used as a passive.

There are also remarks on other rare or antiquated verbal forms, as *reddibo* for *reddam*, *fi*te the imperative of *fi*, and the like. There is a remarkable coincidence between the lists of deponent verbs illustrated by Nonius, and parts of the eighth book of Priscian. We are confronted here by a phenomenon similar to that noticed in the last section with regard to Charisius. Priscian has two sections succeeding each other, and dealing with precisely the same subject, and to a considerable extent using the same instances. The first of these begins I, p. 378, beginning at the words 'et ex his quaedam eadem voce utrumque significant, id est actionem et passionem.' After giving one or two instances of such verbs, and a few of ordinary deponents, Priscian proceeds, 'ex his multa antiqui tam activa quam passiva significatione protulisse inveniuntur,' and then gives a list which is on the whole alphabetical from the letter *a* to *o*: *auxilior*, *adminiculator*, *auguror*, *adhortor*, *apiscor*, *abominor*, *consequor*, *amplector*, *adorior*, *abutor*, *adorior*, *admiror*, *antestor*, *aggredior*, *aspernor*, *architector*, *assecutor*, *argumentor*, *reor*, *vereor*, *solor*, *arbitror*, *blandior*, *consolor*, *conspicor*, *comminiscor*, *completeor*, *calumnior*, *carnificor*, *despicor*, *demolior*, *dominor*, *depeculor*, *delargior*, *ementior*, *exordior*, *experior*, *frustror*, *hortor*, *for*, *meditor*, *obliviscor*, and then *metor* and *adulor*. Instances from classical authors are then quoted of the following verbs: *auxilior*, *adulor*, *adminiculator*, *adhortor*, *auguror*, *apiscor*, *abominor*, *consequor*, *amplector*, *completeor*, *adorior*, *abutor*, *adorior*, *admiror*, *testor*, *antestor*, *execrator*, *machinor*, *polliceor*, *adgredior*, *aspernor*, *architector*, *adsector*, *argumentor*, *arbitror*, *blandior*, *consolor*, *conspicor*, *comminiscor*, *consequor*, *consector*, *consector*, *completeor*, *calumnior*, *carnificor*, *dignor*, *detestor*, *despicor*, *demolior*, *meditor*, *dominor*, *depeculor*, *delargior*, *ementior*, *exordior*, *experior*, *frustror*, *hortor*, *for*, *obliviscor*, *metor*, *tutor*, *vador*, *venor*, *velificor*, *vociferor*, *veneror*.

It is to be observed that the list in which the words are illustrated by examples, although it purports to be identical with the unillustrated list, is not entirely so. The lists with examples is fuller and also more strictly alphabetical than the other: *adulor*, for instance, occurs in its place among verbs beginning with *a*. The three words *reor*, *vereor*, and *solor*, which interrupt the alphabetical order in the first list, recur in the second, but without any instances. The impression left on my mind after reading the two lists is, that the author of the first had copied from the author of the second, but not quite accurately in respect of the arrangement. In other words, that Priscian is making extracts from two manuals, both of which depend on a common source.

After some further remarks on the confusion of voices, in which on p. 391 the beginning of a fresh alphabetical list is quoted from Caper (*adiutor—delapidor*), Priscian, on p. 392, starts the subject again with another long list which is in the main alphabetical: *testo, opino, cuncto, convivio, contemplo, consolo, commoro, auxilio, auguro, auspicio, commento, crimino, molio, digno, execro, epulo, eiulo, lucto, luctito, luxurio, laeto, ludifico, misereo*. These words are given without any instances: and then follow some more which are illustrated from classical authors: *horto, largio, aucupo, alterco, medico, amplexo, amplecto, complecto*. Of these usages, Priscian adds, examples may be found in Pliny (that is, presumably, in the *libri dubii sermonis*), as well as in Caper and Probus.

After a digression on active words used passively (pp. 393-396), the alphabetical list interrupted on p. 392 is resumed at the word *munero*, and we have a list from *m* to *u* (*munero—utor*), to which are finally added a few more words (*murmuro, praesagio, and opino*).

Comparing the lists given on pp. 392-393 and 396 with the former lists (pp. 379-387), it is impossible not to come to the conclusion that they are derived (the first at second-hand) from two independent works treating of the same subject. Were the two lists supplementary to each other, did each confine itself to words which the other omitted, it would of course be natural to argue that both came from the same treatise. But this is not the case. The second list contains a considerable number of words already included in the first; a sure sign that Priscian is using two distinct works, each of which had its own list, though the catalogues to some extent covered the same ground.

Priscian mentions three writers as his authorities, Pliny, Probus, and Caper: 'eorum et superiorum omnium usus tam apud Caprum quam Plinium et Probum invenies'—'quorum auctores apud Caprum legant qui eos scire desiderant.' In some way or other, then, we must suppose that the honour of these lists must be divided between these three writers, or rather, between Pliny and Probus.

Let us now compare the lists of Priscian with that in the seventh book of Nonius.

A large number of words are common to the lists of Nonius and Priscian: between sixty and seventy, if I am not wrong, out of a hundred or rather more. The majority of the instances in Nonius coincides with the second list in Priscian: the others correspond mostly with the first, but in some cases with notes in other parts of Priscian.

This general coincidence would naturally lead us to infer a common origin for the lists of Nonius and Priscian; and there are minor indications which point in the same direction. A few of Nonius' instances are to be found in Quintilian: this is the case with the notes on *adsentio*, p. 469, *punior* and *fabricor*, p. 471, and *luxurior*, p. 481, forms which are commented on by Quintilian, ix iii 6. Of some other notes in this part of Nonius, we know that they are due to Caper, that is, in all probability, to Probus: this is the case with the note on *paenitebunt*, p. 475 (see

THE ANCIENT COMMENTATORS ON VIRGIL. lxi

Prisc. i, p. 561), *copulantur*, p. 476 (Prisc. i, p. 393), *adiutatur*, p. 477 (Prisc. i, p. 391). The note on *auguro*, p. 469, may have been due to Pliny, for Servius, on A. vii 273, quotes a note from Pliny distinguishing between *auguro* and *auguror*.

So far as these indications go, they seem to warrant the conclusion to which the general resemblance between Nonius and Priscian has already pointed. The coincidences between Nonius and Quintilian are important, as indicating the existence of some work or works on these doubtful verbs in Quintilian's own time: for Quintilian was not himself a grammarian, but used the collections of professed scholars when he had to touch on technical points of this kind. And Quintilian may well have consulted either Pliny or Probus, or both.

In his Prolegomena to Virgil Ribbeck throws out a hint that the whole of the seventh book of Nonius may, in his opinion, be borrowed from Probus. I feel rather inclined to infer that it is derived, directly or indirectly, from two sources. This conclusion is, I think, warranted by the fact that even in so short a space the same note several times occurs twice. This is the case with *partiret*, which is illustrated on p. 472 from Lucilius, and on p. 475 from Afranius; with *punior*, illustrated on p. 471 from Cicero, and on p. 479 with one of the same passages in a fuller form; with *manducor*, pp. 477 and 479; with *copulor*, pp. 476 and 479; with *miro*, pp. 474 and 480; with *ruminor*, pp. 471 and 480; with *moderant*, pp. 471 and 472; with *lucto*, pp. 468 and 472. This phenomenon has already met us in the two lists of Priscian, and it seems natural to account for it in the same way, viz., by supposing that there were two works in which the same facts were dealt with and illustrated perhaps to a great extent by the same examples. From these two works the later grammarians made up their chapters on nouns and verbs, without taking the pains to avoid treating of the same word twice. We know that two such works can be ascribed to Pliny and Probus, and that Priscian drew largely upon these two authors. The general resemblance between Priscian's chapters on doubtful verbs and the seventh book of Nonius suggests that it was mainly compiled from Pliny and Probus. A fragment of the same lists is preserved by Diomedes, pp. 400-401, who mentions *frustro*, *patio*, *moro*, *demolio*, *auxilio*, *populo*, and *digno*: and Keil has shown that Diomedes, in his section on the verb, followed Probus.

The other grammatical books of Nonius (viii, ix, x, and xi) can be in like manner traced to Pliny, Probus, and Caper, or at least to scholars of the first or early second century.

The point of this digression will now at length, I hope, be apparent. If it can be made highly probable that in two long grammatical sections of his work Nonius was to a large extent, directly or indirectly, indebted to Probus, is it not also highly probable that in cases where his remarks on Virgil coincide with notes found in the later commentators, as the Verona scholia, Servius, Philargyrius, and the Berne scholia, the agreement is to be explained by a similar hypothesis? It is impossible to suppose that the later Virgilian commentators borrowed from Nonius.

Such an idea is excluded partly by their sometimes differing from him, sometimes by their adding to what he says, oftener by the general style of their remarks as compared with his. Thus we are forced to the conclusion that there must have been common sources from which the identical notes in question were derived. Now I am far from asserting that all the Virgilian notes common to Nonius and the later commentators can be traced to Probus or to any authority who can be certainly identified. But there is no reason to suppose that the works from which Nonius drew his information are to be assigned to writers later than the age of Trajan: and the Virgilian notes in question must therefore be allowed the character of high antiquity, and importance in proportion.

At the risk of being tedious I will mention in detail some of the most important examples which I have observed of agreement between Nonius on the one hand, and Servius, the Verona scholia, and Philargyrius on the other.

NONIUS, BOOK I.

P. 3, *hostimentum* est aequamentum, etc. Plautus Asinaria, 'par pari datum hostimentum.'

Serv. A. II 156 (Dan.), *hostia* vero victima, et dicta quod di per illam *hostiantur*, id est aequi et propitii reddantur, unde *hostimentum* aequationem. So on A. IV 424, where the same passage from the Asinaria is quoted. (This note is from Verrius Flaccus: see Paulus s. v. *hostis*.)

P. 3, *capulum* dicitur quicquid aliam rem intra se capit. Nam sarcophagum, id est sepulchrum, *capulum* veteres dici volunt quod corpora capiat. *Capulum* and *capularis* are then illustrated from Plautus, Novius, Lucilius, and Varro.

Serv. A. VI 222, *capulus* dicitur a capiendo: unde ait Plautus *capularis senex*, id est capulo vicinus: the same note recurs on A. XI 64. (Verrius: Festus, pp. 102, 270.)

P. 4, *temulenta* est ebriosa, etc. Serv. A. XII 463, *temulentum* qui temeto plenus est.

P. 6, *exercitum* dicitur fatigatum, etc. Virg. A. III 182 is quoted. Serv. there says, *exerce*, fatigate, exercitate. So on A. I 431 (Dan. as well as vulg.), IV 623.

P. 6, *tenus* est laqueus, dictus a tendicula: Plautus Bacchidibus . . . ita intendi tenus. Serv. A. VI 62, *tenus* proprie est extrema pars arcus, ut Plautus ostendit, unde tractum est ut *hactenus hucusque* significet. (Verrius: Fest. p. 367.)

P. 12, *exules* dicuntur extra solum, etc.

Servius, A. III 11, *exul* quasi trans solum (*salum*?) missus, aut extra solum vagus.

P. 13, *crepera* res proprie dicitur dubia, unde et *crepusculum* dicitur lux dubia, et senes decrepiti dicti, etc.

Servius, A. II 268, de *crepusculo* vero, quod est dubia lux (nam *creperum* dubium significat), quaeritur. (Verrius: Paulus, p. 71.)

THE ANCIENT COMMENTATORS ON VIRGIL. lxxi

P. 14, *Avernus* lacus idcirco appellatus est quia odor eius avibus infestissimus. Huius rei manifestator est Lucretius lib. vi 'Principio quod Avena vocantur, nomen id ab re Impositum est, quia sunt avibus contraria cunctis.' Unde et Vergilius lib. vi 'Inde ubi venere ad fauces graveolentis Aveni, Tollunt se celeres,' et postea in eo libro, 'Quam super haud aliae,' etc.

Serv. A. III 442, *Avernus* autem in plurali *Averna* facit, ut *Tartarus Tartara*: unde est *Averna sonantia silvis*. Sane hic lacus ante silvarum densitate sic ambiebatur, ut exhalans inde per angustias aquae sulphureae odor gravissimus supervolantes aves necaret, unde et *Avernus* dictus est, quasi ἄσπρος.

P. 14, *extorris* dicitur extra terram vel extra terminos, etc. Serv. A. IV 616, *finibus extorris*: extra suas terras remotus.

P. 15, *torrus* dicitur *fax*: unde et *torridare* dicimus *comburare*. Illustrated from Accius.

Servius, A. XII 298, *Torrem*: erit nominativus *hic torris*, et ita nunc dicimus. Nam illud Ennii et Pacuvii penitus de usu recessit, ut *hic torrus*, *huius torri* dicamus.

P. 18, *rumen* dicitur locus in ventre quo cibus sumitur et unde redditur, etc.

Serv. E. VI 54, *ruminatio* autem est a *ruma*, eminente gutturis parte: per quam demissus cibus a certis revocatur animalibus. Comp. ib. A. VIII 90.

P. 21, *cernuus* dicitur proprie *inclinatus*, quasi quod terram cernat. Lucilius Saturarum lib. III 'cernuus extemplo plantas convertit honestas.' Vergilius lib. X 'eiectoque incumbit cernuus armo.' Lucilius Saturarum lib. XXVII 'modo sursum, modo deorsum, tamquam collus cernui.' Varro de Vita P. R. lib. I 'etiam pelles bubulas oleo perfusas percurrabant, ibique cernuabant,' etc.

Servius, A. X 894, *cernuus* dicitur equus qui cadit in faciem, quasi in eam partem qua cernimus. Unde et pueri quos in ludis videmus, ea parte qua cernunt stantes *cernui* vocantur: ut etiam Varro in Ludis Theatralibus docet.

P. 21, *stricturae* dicuntur proprie scintillae quae de ferro ferventi eunt, etc. Vergilius lib. VIII. Lucilius Saturarum lib. III.

Servius, A. VIII 420, *strictura* est terra ferri in massam coacta.

P. 22, *gliscit* est congelascit et colligitur, vel crescit, vel ignescit. Among other instances from Turpilius, Accius, Pacuvius, Sallust, and Cicero (Hortens. *gliscit illa ut ignis oleo*) is quoted Virg. A. XII 9, where Servius says, *gliscit* crescit . . . unde et *glires* dicti sunt, quos pingues efficit somnus. In Daniel's Servius are added the words, veteres *gliscit* incremento ignis ponebant (? imponebant), bene ergo hoc verbo utitur de quo ait *ultra implacabilis ardet*.

P. 23, *procacitas* a procando vel poscendo, unde et *proci* dicti sunt matrimoniorum petitores, etc.

Servius, A. I 536, *procacibus* austris, perseverantibus. Et *procax* proprie *petax* est, nam *procare* est *petere*, unde et *proci* dicuntur.

(Verrius: Paulus, pp. 224, 249.)

P. 23, *Kalendarum* vocabulum proprium Varro complexus est, De

Vita P.R. lib. I 'itaque Kalendis kalabantur, id est vocabantur, et ab eo *kalendae* appellatae, quod est tractum a Graecis, qui *καλεῖν* vocare dixerunt.'

Servius, A. VIII 654 (curia Calabra) . . . quod cum incertae essent Kalendae aut Idus, a Romulo constitutum est ut ibi patres vel populus calarentur, id est vocarentur; ut scirent qua die Kalendae essent vel etiam Idus.

P. 25, *seditionis* proprietates a M. Tullio manifestatae est in libro de Republica VI, 'eaeque dissensio civium quod seorsum eunt alii ad alios, seditio dicitur.' Serv. A. I 149 (Dan.) has the same words and the same instance.

P. 28, *fulgura* dicuntur coruscationes, a fulgore. Varro *περὶ κεραυνῶ* 'cognitio enim trium, fulgetrae, tonitrus, et fulguris, a fulmine orta.'

Servius, A. VIII 431, *fulgores* . . . quas *fulgetras* dicunt: so VIII 524, *fulgor*, id est *fulgetra*.

P. 29, *calces* a calcando, quod est *proterendo*, non a calcitrando: nam de omnibus pedibus et de hominum et universorum animantium dici potest. Nam sunt calces extrema pars pedum terrae proxima. Vergilius lib. V 'ecce volat, calcemque terit iam calce Dioces.' Here (V 324) Servius says *calcem* dicimus unde terram *calcamus*.

P. 30, *antes* sunt quadraturae, unde et *antae* dictae sunt quadratae columnae. Vergilius Georgicorum lib. II 'iam canit effectos extremus vinitor antes.'

Serv. G. II 417, *antes* alii extremos vinearum ordines accipiunt, alii macerias quibus vineta clauduntur: . . . dicuntur autem *antes* a lapidibus eminentioribus, qui interponuntur ad maceriam sustentandam: nam proprie *antes* sunt eminentes lapides, vel columnae ultimae, quibus fabrica sustinetur. Et appellantur *antes ἀπὸ τοῦ ἀντεστηκῆναι*, ad quam etymologiam etiam extremos ordines vinearum possumus trahere qui (quia?) ante stant.

Philargyrius ib.: *antes*: Cato de Re militari, 'pedites quattuor agminibus, equites duobus antibus ducas.' Sunt autem extremae quadratarum partes.

(Verrius Flaccus: Paulus, p. 16.)

P. 30, *camurum* obtortum; unde et *camerae*, tecta in curvatem formata. Vergilius Georgicorum lib. III 'et camuris hirtae sub cornibus aures.'

Servius, G. III 55, *camuris* . . . id est *curvis*. Unde et *camerae* appellantur.

Philarg. ib. *camuri* boves sunt qui conversa introrsus cornua habent, etc.

(Verrius: Paulus, p. 43.)

P. 30, *immunis* dicitur sine officio, sine munere. Vergilius Georgicorum lib. IV 'immunisque sedens aliena ad pabula fucus.'

Philarg. G. IV 244, *immunis* otiosus, piger, et qui munere non fungitur.

Servius, A. XII 559, *immunis* est qui nihil praestat, quasi sine muniis.

THE ANCIENT COMMENTATORS ON VIRGIL. lxxiii

(Verrius : Paulus, p. 109.)

P. 30, *dirum* est triste, infestum, et quasi deorum ira missum. Vergilius Georgicorum lib. III . . . et Aeneidos lib. IV 'ultricesque sedent in limine Dirae.'

Servius, A. IV 453 (Dan.) *dira* enim *deorum ira est* : so on VI 373.

(Verrius : Paulus, pp. 109, 143.)

P. 30, *exordium* est initium, etc. Vergilius Aeneidos lib. IV . . . 'quae primum exordia sumat?'

Serv. A. IV 284, *exordia*, orationem . . . sed *exordium* in duo dividitur, in principium et orationem, sicut in Rhetoricis legimus.

P. 31, *sudum* dictum est quasi semiudum, ut est aër post pluvias liquidus et serenus. Vergilius lib. VIII 'arma inter nubes caeli regione serena Per sudum rutilare vident,' etc.

Servius, A. VIII 529, *sudum* est quasi *sub udum*, serenum post pluvias, ut (G. IV 77) 'ver nactae sudum.' Alii *sudum* semiudum volunt dici, cum per nubes ad nos perveniat solis ictus non integer.

Philarg. G. IV 77, *sudum* est serenum *subumidum* : proprie autem *sudum* pars serena inter nubes, quasi *semiudum*.

P. 32, *arcantum* dicitur secretum vel absconditum, quod quae in arca sunt celata sint et abscondita. Vergilius Aeneidos lib. IV . . . 'arcantos etiam libi credere sensus : ' et Aeneidos lib. I 'longius et volvens fatorum arcana movebo.'

Servius, A. I 262, *arcana* secreta, unde et *arca* et *arx* dictae quasi res secretae.

(Verrius : Paulus, p. 16.)

P. 32, *monumenti* proprietatem a *monendo*. Illustrated from Cicero and Virgil, A. V 571.

Servius, A. III 486, *monumenta* memoria. *Monumenta* autem a mentis admonitione sunt dicta : so on A. VI 512 monumentum . . . quod moneat mentem.

P. 32, *gestire* significat laetum esse ; dictum a gesticulis facilibus. Terentius in Eunucho . . . Vergilius Georgicorum lib. I 'et studio incassum videas gestire lavandi.'

Servius, G. I 387, *gestire* est laetitiam suam corporis habitu significare, nam ut homines verbis laetitiam suam exprimunt, ita aves corporis gesticulatione.

(Verrius : Paulus, p. 96.)

P. 33, *involare* est inruere, insilire : aut a volatu, aut a *vola*, id est *media manu* dictum. Illustrated from Terence and Lucilius.

Servius, A. III 233 . . . aut *intra volam* [interiorem manus] amplectitur praedam : unde et *involare* dicimus intra volam tenere, unde et pira quaedam volema dicuntur. So on G. II 88.

P. 33, *ignavum* est *segne*, torpidum, feriatum, et *sine igni*. Vergilius, 'ignavum fucus pecus a praesepibus arcent.' (This is apparently a confusion between two glosses, *ignavum* est torpidum, feriatum, and *segnis*, sine igni.)

Serv. A. I 423, *segnem*, id est *sine igni* : and so elsewhere several times, and Schol. Ver. A. IV 149.

Servius, A. I 435, *ignavum* inutile, non aptum industriae, nam indus-

trios *navos* dicimus. This is on the same line as that quoted by Nonius, 'ignavum fucos pecus a praesepibus arcent.'

P. 35, *angina* genus morbi, eo quod angat, et Graece *συνάγγη* appellatur. Lucilius lib. xxx 'insperato abiit, quem una angina sustulit hora.'

Servius, G. III 497, *angit* autem bene ait. Nam *angina* dicitur porcorum morbus qui occupat fauces. Plautus, 'Vellem me in anginam verti, ut huic aniculae fauces praeoccuparem.'

(Paul. p. 8, s. v. *angor*, has the same quotation from Plautus.)

P. 37, *sedulo* significat sine dolo. Lucilius lib. xxvii . . . totumque hoc studiose et sedulo. Servius, A. II 374 (Dan.), mentions this etymology.

P. 42, *pecuniosorum* et *locupletum* proprietatem aperuit M. Tullius de Republica lib. II, a pecore pecuniosos, et a possessionibus locorum locupletes appellatos adserens: 'Multaeque dictione ovium et boum, quod tunc res erat in pecore et locorum possessionibus: ex quo pecuniosi et locupletes vocabantur.' Comp. Servius on E. I 33.

P. 44, *prodigia* sunt *porro adigenda*. Plautus Amphitruone . . . te prodigiali Iovi . . . comprecatur oportuit.

Servius, A. III 366 (Dan.). Varro sane haec ita definit: ostentum, quod aliquid hominibus ostendit, *prodigium quod porro dirigit*, miraculum, quod mirum est, monstrum, quod monet.

(Fest. p. 229, derives *prodigium* from *prodicere*.)

P. 45, *cassum* veteres *inane* posuerunt. Et arbitrandum est eius verbi proprietatem magis ab araneorum cassibus dictam, quod sint leves et nullius ponderis, non, ut quibusdam videtur, quasi *quassum*. Plautus Aulularia, 'Virginem habeo grandem, dote cassam atque inlocabilem.'

Servius, A. II 85 (Dan.), *cassum* est quasi *quassum* et nihil continens: nam et vas *quassum*, quod umorem in se non continet et est vacuum; unde et retia *casses*, quod multum in se vacui habeant.

P. 45, *investes* dicuntur impuberes, quibus propter teneram aetatem nulla pars corporis pilat. Hoc et Aeneidos lib. VIII videtur sensisse Vergilius: 'Aurea caesaries ollis atque aurea vestis.'

Servius, A. VIII 659, *aurea vestis*, hoc est *barba*. Unde contra *investes* dicimus *imberbes*: unde est (v. 160) 'tunc mihi prima genas vestibat flore iuventa.'

(Paul. p. 368, s. v. *vesticeps*.)

P. 48, *silicernium* pessime intellegentes ita posuisse *Terentium* putant quod incurvitate silices cernat senex. *Silicernium* est proprie convivium funebre quod senibus exhibetur. Varro Meleagris: 'Funus exsequiati, laute ad sepulcrum antiquo more silicernium confecimus, id est *ἠπίδειπνον*: quo pransi discedentes dicimus alius alii *Vale*.'

Servius, A. V 92, leviter gustavit epulas . . . quae *silicernium* dicuntur quasi *silicenum*, super silicem positae. In the Servius of Daniel are added the words, quae peractis sacris senibus dabantur, ut se cito morituros cognoscerent.

P. 50, *fures* significationem habere a *furvo*, quod Romani veteres *furvum* atrum appellaverint; et quod per obscuras atque atras noctes opportuna sit eis mali effectio, eos dictos fures, Varro (ostendit) Rerum

THE ANCIENT COMMENTATORS ON VIRGIL. lxxv

Humanarum lib. xiv : '*furem* ex eo dictum quod furvum atrum appellaverint, et *fures* per obscuras noctes atque atras furentur.'

Servius, A. ix 350, *fures* ideo dicti sunt quid *furvo* id est nigro tempore furta committunt.

G. iii 407, *fur* autem a *furvo* dictus est, id est *nigro*. Nam noctis utitur tempore. Horatius (Carm. ii xiii 21) 'quam paene vidimus furvae regna Proserpinae.' Aut certe a Graeco venit, nam fur φῦρ vocatur.

P. 51, *peni*, *penus*, vel *penoris*, sic enim a pluribus declinatum, proprietatem docti veteres hanc esse voluerunt, quod quae in ea sunt, quasi penitus et in penetralibus recondantur. Hoc et in antiquis libris et philosophorum tractatibus invenitur.

Servius, A. ii 508 (Dan.), sane *penetralia* proprie deorum dicuntur, non nunquam etiam imae et interiores partes privatarum domorum vocantur, unde et *penum* dicimus locum ubi conduntur quae ad vitam sunt necessaria.

Servius, A. i 703, inter *penum* et *cellarium* hoc interest, quod *cellarium* est paucorum dierum, unde et in cellam dicitur imperatum frumentum, *penus* vero temporis longi. Sane dicimus et *hic* et *haec* et *hoc penus* : sed a masculino et a feminino genere quarta est declinatio, a neutro tertia, quo modo *pecus pecoris*. Unde Horatius 'portet frumenta penusque : ' masculino vero genere Plautus 'nisi mihi annuus penus datur,' feminino Lucilius posuit, ut 'uxori legata penus.' Quartae autem declinationis esse Persius docuit, ut 'in locuplete penu defensis pinguibus Umbris.'

Servius, A. iii 12 (Dan.), nam et ipsum penetral *penus* dicitur, ut hodie quoque *penus Vestae* claudi vel aperiri dicitur. (See Fest. p. 250, *penus Vestae*.)

Gell. iv 1, quotes from Lucilius, 'legavit quidam uxori mundum omne penumque' : alludes (§ 14 foll.) to Virgil's *longam penum instruere* : quotes from Q. Scaevola, 'quae ad edendum bibendumque in dies singulos prandii aut cenae causa parantur, *penus* non sunt : sed ea potius quae huiusce generis longae usionis gratia contrahuntur et reconduntur, ex eo quod non in promptu sint sed intus et penitus habeantur, *penus* dicta sunt.'

Charis. p. 74 K., *penus* quo modo debeat declinari incertum est. Nam Plautus in Pseudolo eodem fere loco et masculino genere dicit *hic penus* et neutro *hoc penus*. Vergilius autem etiam feminino *longam penum*.

Iulius Romanus ap. Charis. p. 140 K., *penu* Pomponius (so rightly K.) . . . 'careo tam pulchra penu,' *penus peni* si femininum, *penoris* ut *pecoris*, si generis neutri sit, ut quidam putant.

Prisc. v, p. 163 K., *penus* invenitur et masculinum et femininum et neutrum. Vergilius in i 'cura penum struere' : Terentius in Eunucho 'Cum in cellulam ad te patris penum omnem congerebam clanculum.' Horatius in i epistularum 'annonae prosit, portet frumenta penusque.' Ib. p. 170 *hic* et *haec* et *hoc penus* et *hoc penum*. Plautus in Pseudolo . . . 'annuus penus' : Lucilius, 'Magna penus parvo spatio consumpta peribit' : Plautus in Captivis . . . 'aliud penus' : Caesar Strabo in oratione qua Sulpicio respondit 'deinde propinquos nostros Messalas domo deflagrata penore volebamus privare.' Afranius in Talione ' . . .

intra penum Erile.' This is repeated nearly *totidem verbis* on the authority of Donatus and Caper, in Prisc. vi, p. 260 K. (It is clear in this instance that the oldest form of the note is preserved in Priscian : and that the note is at least as old as Gellius and Iulius Romanus.)

P. 51, *laevum* significari veteres posuerunt quasi a *levando*. Vergilium quoque sub hac ostentatione posuisse voluerunt Georgicorum lib. iv 'si quem Numina laeva sinunt': Ennius Annalium lib. iii 'Olli de caelo laevum dedit inclutus signum.'

Servius, A. II 54, *laeva* modo contraria. Et sciendum *laevum*, cum de humanis rebus est, esse contrarium, cum de caelestibus, prosperum, ut 'intonuit laevum.' So on II 693 *laevum* sinisterum, prosperum, quia caeleste est, ut diximus supra: and so on G. IV 6.

P. 53, *vestibulum*: this note resembles that in Gellius xvi 5. Serv. A. vi 273 (the line quoted by Gellius l. c.), *vestibulum*: ut Varro dicit, etymologia non habet proprietatem, sed fit pro captu ingenii. Nam *vestibulum* ut supra diximus (II 469) dictum ab eo quod ianuam vestiat. Alii dicunt, ab eo quod nullus illic stet. In limine enim solus est transitus: quomodo *vesanus* dicitur non sanus, sic *vestibulum* quasi *non stabulum*. The etymology is the same as that given by Gellius and Nonius, but the interpretation of *ve* is different. Gellius is evidently extracting from a commentator on Virgil: Nonius as evidently not, for he only quotes Cicero.

P. 53, *bidentes* qui existimant ob eam causam oves a Vergilio dictas quod duos dentes habeant, pessime ac vitiose intellegunt: nam nec duos dentes habent, et hoc quidem genus monstri est. Et melius intellegi potest si *biennes* dixerint, auctoritate Pomponii in Atellana, 'Mars, tibi voveo facturum, si umquam redierit, Bidenti verre.' Laberius in Paupertate, 'Visus hac noctu bidentes . . . propter viam Facere.' Et Nigidius Figulus dicit *bidental* vocari quod bimae pecudes immolentur.

Serv. A. iv 57 = vi 39: *bidentes* autem dictae sunt quasi *biennes* . . . Sunt autem in ovibus duo eminentiores dentes inter octo qui non nisi circa bimatum apparent: nec in omnibus, sed in his quae sunt aptae sacrificiis inveniuntur.

From Gell. xvi vi 14, it appears that Servius' note is from Hyginus and Nigidius, both of whose notes were probably in Verrius Flaccus: see Fest. p. 33 and 35.

P. 55, *tropaei* significationem propriam Varro Bimarco ostendit. 'Ideo (?) fuga hostium Graece appellatur τροπή. Hinc spolia capta fixa in stipitibus appellantur *tropaea*.' Serv. A. x 775, *tropaeum* dictum est ἀπὸ τοῦ τρέπισθαι, id est ab hostium conversione, unde qui hostem fugasset merebatur *tropaeum*.

P. 58, *testudines* sunt loca in aedificiis camerata, ad similitudinem aquatilium testudinum, quae duris tergoribus sunt et incurvis. Vergilius Aeneidos lib. I 'In foribus divae, media testudine templi.' Sisenna Historiarum lib. iv, etc.

Servius, A. I 505, *testudine*, camera incurva, quae secundum eos qui scripserunt de ratione templorum, ideo sic fit ut simulacro caeli imaginem reddat, etc. Much more is added in Daniel's Servius. Isid. xv viii 8, has a note which is taken from the same sources as that of Servius.

P. 58, *adolere* est verbum proprie sacra reddentium, quod significat votis vel supplicationibus numen auctius facere : ut est in isdem *macte esto*. Et intellegi debet ab eo quod est *adolevit*, id est *crevit*, et *adultum*, quod est *auctum*, etc. Illustrated by four instances from Virgil.

Serv. A. I 704, *adolere* proprie est *augere*.

P. 62, *calonum* quoque proprietates haec est, quod ligna militibus subministrant : *κάλαι* enim Graeci *ligna* dicunt, ut Homerus, *ἐπι δὲ ξύλα κάλ' ἐπιθεντο*.

Servius, A. I 39, and more fully VI 1, *calas* . . . dicebant maiores nostri fustes quos portabant servi sequentes dominos ad proelium : unde etiam *calones* dicebantur. Nam consuetudo erat militis Romani ut ipse sibi arma portaret et vallum : *vallum* autem dicebant *calam*, sicut Lucilius 'Scinde *calam* ut caleas.'

P. 66, *manum* dicitur clarum, etc. Compare generally Serv. A. I 110, 139 : II 268 : G. I 437. These notes may be either independent, or have originally constituted parts of the same note.

NONIUS, BOOK II.

P. 79, *bipennis* manifestum est *dici quod ex utraque parte sit acutum* : nam nonnulli gubernaculorum partes tenuiores ad hanc similitudinem *pinnas* vocant eleganter. Then follow three quotations from Varro.

Scholia Veron. A. II 479, *correpta dura bipenni* . . . acutum vocarunt, unde et *bipennis* dicitur *ex utraque parte acuta*.

Servius, A. XI 651 (Dan.), *bipennis* autem dicitur quod ex utraque parte habet aciem, quasi duas pinnas quas veteres dicebant.

P. 103, *errabundus* pro *errans*. Vergilius (Buc. VI 57), 'si qua forte ferant oculis sese obvia nostris Errabunda bovis vestigia.' Gellius XI 15 says that this was a mistake of Caesellius Vindex (under Trajan, 96-117). The note appears to be preserved in a fuller form by Servius (Dan.) l. c. . . *errabunda*, errantia, ut *ludibundus* ludens : Cicero ; 'omnia ludibundus conficiens.' Comp. Gellius l. c. quod idem (Caesellius) esse putaverit *ludens* et *ludibunda*, *ridens* et *ridibunda*.

P. 106, *equitem* pro equo. Vergilius Georgicorum lib. III 'atque equitem docuere sub armis Insultare solo et gressus glomerare superbos.' Ennius Annalium lib. VII 'an non quadrupedes equites.' Lucilius is then quoted on the word *equitare*. Gell. XVIII v 4 quotes from Ennius 'denique vi magna quadrupes eques atque elephantum Proiciunt sese,' and quotes in illustration the passage in the third Georgic, and also that in Lucilius.

Philargyrius G. III 116 : hic *equitem* sine dubio *equum* dicit, maxime cum inferat *insultare solo*. Ennius Annalium VII 'denique vi magna quadrupes eques atque elephantum Proiciunt sese.' Servius has the same note in an abridged form.

Gellius says of this view (XVIII v 12), 'sed eadem ipsa post etiam in pervulgatis commentariis scripta offendimus.' Are these *pervulgati commentarii* commentaries on Virgil, or treatises on the use of words? In either case this discussion on the word *equus* must have been considerably older than the time of Gellius.

P. 109 [*Flora, florida*]. Naevius Lycurgo: 'ut videam Volcani haec opere flammis flora fieri.'

Serv. A. XII 605, *flavos Lavinia crines*. Antiqua lectio *floros* habuit, id est *florulentos, pulchros*: et est sermo Ennianus. The following words are added in Daniel's Servius: Probus sic adnotavit: 'Neotericum erat *flavos*, ergo bene *floros*, nam sequitur *Et roseas lanigata genas*. Accius in Bacchidibus, *nam flori crines vident ut propexi iacent*. In iisdem, *Et lanugo flora nunc demum intrigat*. Pacuvius Antiopa, *Cerucium floros dispendite crines*.'

P. 114, *frons pro frondis*: Vergilius Georgicorum lib. II 'praecipue cum frons tenera imprudensque laborum.' Varro de Re Rustica lib. I, 'quod Cato ait, circum fundum ulmos et populos, unde frons ovibus et bubus sit:' so p. 486, without the instance from Varro.

Servius, G. II 372, *frons tenera: frondis* est vera lectio et antiqua (?) Lucretius (I 19), 'frondiferasque domos avium.' Apud antiquiores enim singularis nominativus erat *frondis*: hodie vero et a *fronte* et a *fronde* unus est nominativus *frons*, sicut etiam *lens* a *lente* et a *lende*, capitis brevioris pediculo.

(The note in Servius seems corrupt. Ribbeck thinks *frondis* stands for *fronds*.)

P. 126: *indulgitate* pro indulgentia. Sisenna Historiarum lib. III 'Bassus adsiduitate, indulgitate victus.'

Philargyrius G. II 345, et nove *indulgentia* dixit. Veteres enim *indulgitatem* dicebant, ut Caelius in VII 'consuetudine uxoris, indulgitate liberum.'

P. 134, *latrocinari*, militare mercede. Plautus Cornicularia '[qui regi] latrocinatus annos decem [Demetrio] Mercede' . . . in Tiberio: 'qui apud regem in latrocinio fuisti, mercedem acceptitasti.' Ennius, 'fortunasque suas coepere latrones Inter se memorare.'

Servius, A. XII 7, *latronis* . . . modo *venatoris*, et est Graecum, nam *λαρπέειν* dicunt obsequi. . . . Varro tamen dicit hoc nomen posse habere etiam Latinam etymologiam, ut *latrones* dicti sint quasi *laterones*, quod circa latera regum sunt. . . . Una tamen significatio, licet in diversa etymologia. Plautus in Pyrgopolinice aperte ostendit quid sint *latrones*, dicens 'rex Seleucus misit ad conducendos latrones,' etc.

Comparing this note with that in Festus, p. 118, *latrones* eos antiqui dicebant qui conducti militabant ἀπὸ τῆς λατρείας, at nunc viarum obsessores dicuntur, quia a latere adoriuntur, sive quod latenter insidiant, we might be disposed to infer that in the notes of Nonius and Servius we have the fragments of an original gloss of Verrius Flaccus. Compare also Varro, L. L. VII 52.

Nonius p. 180 has a note on *transenna*, which he explains as = *fenestra*, and illustrates by quotations from Cicero and Sallust.

Servius, A. V 488, explains *transenna* as = *traiectus funis*, quoting the same passage from Sallust as Nonius, 'transenna demissum Victoriae simulacrum cum machinato strepitu tonitruum coronam capiti imponebat.'

P. 184, *viscus* positum pro viscere. Lucretius lib. I 'visceribus viscus gigni, sanguenque creari.' [Pro visco?] Vergilius Georgicorum lib. I 'Tum laqueis captare feras et fallere visco Inventum.' Id est,

tactu visci. Lucilius Saturarum lib. xiv 'Idne aegri est magis, an quod pane et viscere aprino? Quod viscus dederat, tu quidem hoc in viscera largi.'

In this note Nonius has evidently, whether by his own fault or no, confused and misrepresented his authorities. Some light is thrown on the original intention of the note by a comparison of Servius G. i 139, *fallere visco*, ad aucupium. Item ad venationem, *et magnos canibus circumdare saltus*. Male autem de aucupio quidam respuunt, totum referentes ad venationem, et dicunt *fallere visco* pro *visceratione* positum. Constat enim luparios carnibus tinctis veneno lupos necare; quod ideo non procedit, quia *hoc viscum huius visci* facit, sicut *templum templi*. Unde est *fallere visco*. *Viscus* vero, id est caro, *visceris* facit, ut *pecus pecoris*. Lucretius, 'permixtus viscere sanguis.' Item ipse 'viscus gigni sanguenque creari.'

Here Servius appears to have preserved the real sense of the note which is so blurred and corrupted in Nonius. Nonius has a quotation from Lucilius which is wanting in Servius, while on the other hand Servius has one from Lucretius which is wanting in Nonius, and both have the line Lucr. i 837 in common. Part of the note recurs in Serv. A. i 211: *viscera nudant*. *Viscera* non tantum intestina dicimus, sed quicquid sub corio est, ut 'in Albano Latinis visceratio dabatur,' id est caro. Est autem nominativus *hoc viscus huius visceris*, ut Lucretius 'viscus gigni sanguenque creari.'

The quotation from Lucretius (i 837) recurs in Nonius' note on *sanguis* p. 224 (comp. Priscian i, p. 250), which, as we have seen, there is reason to suppose came from Probus. It is then possible that the discussion on *viscus* is also from Probus?

NONIUS, BOOK III.

P. 194, *bubo* generis feminini. Vergilius Aeneidos lib. iv 'solaque culminibus ferali carmine bubo.' Genere masculino. Asellio Historiarum lib. i 'et quod bubo in columna aedis Iovis sedens conspectus est.'

Serv. A. iv 462, *sola* contra genus posuit. Lucanus 'et laetae iurantur aves bubone sinistro.' Item Ovidius 'infandus bubo.' Et hoc est in usu, sed Vergilius mutavit, referens ad avem.

Comp. Priscian i, p. 206. Is the note from Caper or Probus?

P. 196-7, *clunes* feminino. Horatius, 'quod pulchrae clunes, breve quod caput, ardua cervix.' Masculino, Plautus Agroico, 'quam si lupus, ab armis valeo, clunes defectos gero.'

The source of this note is ultimately Verrius Flaccus; Festus, p. 61, *clunes* masculino: Plautus 'quasi lupus, ab armis valeo, clunes defectos gero.' But it must have been recast and augmented by later scholars before it was used by Servius (A. ii 554), *clunis* Iuvenalis bene dixit, 'tremulo descendant clune puellae,' Horatius male 'quod pulchrae clunes.' Priscian i, p. 160, illustrates by the same line from Horace and one (the same?) from Juvenal: Charisius, p. 101, by the same Horace, and passages from Scaevola and Laberius. The gloss in its final form as given by Servius would seem to be later than Probus, unless indeed it is possible that he could have quoted from Juvenal.

P. 200, *calor* generis masculini. Vergilius Georgicorum lib. II 'Si non tanta quies iret caelumque caloremque Inter.' Neutri: Plautus Mercatore, 'neque calor neque frigus metuo.'

Philargyrius, G. II 344 (*frigusque caloremque Inter*): fuit autem prior lectio *frigusque calorque*: ut Plautus 'neque frigus neque calor metuo neque ventum neque grandinem.'

P. 202, *crocum* generis neutri. Sallustius Historiarum lib. II 'iter vertit ad Corycum, urbem inclutam pastibus atque nemore in quo crocum gignitur.'

Masculini: Vergilius Georgicorum lib. IV 'et glaucas salices, casiamque crocumque rubentem.'

Servius, G. IV 182, Sallustius in historiis ait 'in quo crocum gignitur,' genere neutro secundum artem usus.

P. 209, *insomnium* generis neutri. Feminini; Caecilius Plocio, 'consequitur comes insomnia.'

Charis. p. 101 quotes Pacuvius in support of the feminine form, and Virgil A. IV 9: Servius on this passage says, sciendum . . . quia si *terret* (*insomnia*) dixerimus, antiqua erit elocutio. *Insomnia* enim, licet et Pacuvius et Ennius frequenter dixerint, Plinius tamen exclusit et de usu removit.

P. 225, *scrobes* feminino genere. Masculino, Plautus Amphitruone, 'ibi scrobes fodito sexagenos in dies.' Idem Aulularia, 'ego effodiebam denos in dies scrobes.'

Priscian I p. 168 quotes the same passages from Plautus: Servius on G. II 50 says, nos *scrobes* genere dicimus masculino, licet Lucanus dixerit contra artem *exigua posuit scrobe*. And on G. II 288, *scrobes* masculini sunt generis. Nam Cicero in Oeconomicis sic dicit: et Plautus ait *sexagenos in dies scrobes*. Minor autem est Lucani et Gracchi auctoritas. Nam Lucanus ait *exigua posuit scrobe*. Gracchus, *abunde fossa scrobis est*: quod exemplum in Terentiano est. This Gracchus may be the tragedian of the Augustan age. Here the fullest form of the note seems to have been preserved by Terentianus Maurus.

Nonius p. 230 says that *vulgus* has two genders, neuter and masc.; the latter usage he illustrates from Accius and Varro, and also from Virg. A. II 98, 'spargere voces In vulgum ambiguas.'

So Servius, A. I 149, *vulgus* et masculini generis et neutri lectum est: generis neutri hoc loco, alibi masculini, ut 'in vulgum ambiguas.' Charis. p. 74 quotes the same passage from Virg.

P. 231, *Vepres* generis masculini. Vergilius 'sparsi rorabant sanguine vepres.' Feminini . . . Lucretius lib. IV 'nam saepe videmus Illorum spoliis vepres volitantibus auctas.'

Philargyrius, G. III 444, *vepres* in masculino genere. At Lucretius in feminino 'Illorum spoliis,' etc.

P. 231, *Vadum* generis neutri. Vergilius Aeneidos I 'in vada caeca tulit.' Masculini; Sallustius Historiarum lib. I 'et mox Fufidius adveniens cum legionibus, postquam cautes asperas, haud facilem pugnantibus vadum, cuncta hosti quam suis opportuniora videt.'

Servius, A. I 112 (Dan.), quotes *vadus* from Varro de ora maritima lib. I. Comp. Prisc. I p. 264.

NONIUS, BOOK IV.

Coming now to the fourth book of Nonius, which is lexicographical (De Varia Significatione Verborum), I have noticed the following important coincidences between his notes and those of the commentators on Virgil:

P. 245, *aura* splendor. Vergilius Aeneidos lib. vi 'discolor unde auri per ramos aura refulsit.'

Servius, A. vi 204, *aura auri*, splendor auri. Horatius, 'tua ne retardet Aura maritos,' i.e. splendor.

P. 257, *componere* finire. Vergilius Aeneidos lib. i 'ante diem clauso componet Vesper Olympo.' Et in Bucolicis, 'non nostrum inter vos tantas componere lites.' *Componere* reficere, recreare . . . Vergilius Aeneidos lib. i 'nunc placida compostus pace quiescit.' *Componere* disponere, constituere: Vergilius Aeneidos lib. iii 'quam tuta possis urbem componere terra.' M. Tullius de Officiis . . . *Componere* rursus significat comparare. Accius . . . Lucilius . . . Sallustius . . . Vergilius Georgicorum lib. iv 'non aliter, si parva licet componere magnis' . . . *Componere* coniungere. Vergilius lib. viii 'componens manibusque manus atque oribus ora.' Lucilius . . . Sallustius.

Servius, A. i 374, *componet* finiet, ut 'oblato gaudens componi foedere bellum.' The Cassel MS. adds, et 'non nostrum inter vos tantas componere lites.' Alibi pro *disponere*, ut 'nec componere opes norant,' alibi pro *coniungere*, ut 'componens manibusque manus,' alibi pro *comparare*, ut 'sic parvis componere magna solebam,' alibi pro *fundare*, ut 'placida compostus pace.'

P. 261, *circumferre* lustrare. Plautus in Amphitruone, 'quin tu istanc iube Pro cerrita circumferri.'

Servius, A. vi 229, *circumtulit*, purgavit. Antiquum verbum est; Plautus: 'pro larvato te circumferam.' Nam *lustratio* a circumlacione dicta est vel taedae vel sulphuris. Iuvenalis, 'si qua darentur Sulpura cum taedis.'

P. 261, *confidentia* . . . temeritas, audacia. Lucilius . . . Turpilius . . . Accius . . . Afranius . . . Vergilius Georgicorum lib. iv 'Nam quis te, iuvenum confidentissime, nostras Iussit adire domos?' Terentius in Andria 'nescio qui senex venit modo . . . confidens, catus.'

Philargyrius, G. iv 445, *confidentissime* pro *audacissime*. *Confidentiam* enim veteres pro impudenti audacia dicebant, ut Terentius (Andr. v iii 5) 'O ingentem confidentiam.'

P. 266, *capessere*, recipere (*capessere se, se recipere*?). Plautus in Amphitruone, 'nunc pergam eri imperium exsequier, et me domum capessere.'

Servius (Daniel), A. iv 346, quidam *capessere* pro *ire* accipiunt, ut Titinius 'Lucius domum se capessit.'

Nonius, p. 277, *damnare* et *condemnare* pro *liberare* positum est: Titinius . . . Vergilius lib. xii 'quem damnet labor, et quo vergat pondere letum.' Turpilius . . . Vergilius in Bucolicis 'damnabis tu quoque votis.' Sisenna.

Servius, A. XII 727, *damnet*, liberet, ut 'damnabis tu quoque votis.'

P. 278, *da*, dic. Vergilius in Bucolicis, 'Sed tamen iste deus qui sit, *da*, Tityre, nobis.' Etiam lib. VI 'tuque O sanctissima vates, Praescia venturi, *da*, non indebita posco.'

Servius, A. I 676, *accipe* audi, ut contra *da* dic; ut 'da, non indebita posco' et 'da, Tityre, nobis.' Comp. Serv. (Dan.) on A. III 85, Serv. on A. VI 66, E. I 19.

P. 298, *explere*, minuere. Vergilius lib. VI 'discedam, explebo numerum, reddarque tenebris.'

Servius, A. VI 545, explebo est *minuam*. Nam ait Ennius 'navibus explebant sese, terrasque replebant.' Quam Caper secutus cum de praepositione *ex* tractaret, hoc exemplum posuit. Did Nonius then take his example from Caper, or from some older source?

P. 307, *fatiscere* est aperiri.

Servius, A. I 123, *fatiscent*, abundanter aperiuntur; *fatim* enim abundanter dicimus (unde et *adfatum*), *hiscere* autem *aperiri*.

P. 307, *ferus* iterum equus. Vergilius Aeneidos lib. II 'inque feri curvam compagibus alvum Contorsit.' Accius Medea, 'perite in stabulis frenos immittens feris.' *Ferus* iterum significat *ceruum*. Vergilius lib. VII 'pectebatque ferum, puroque in fonte lavabat.'

The Verona scholia on A. VII 489 quote a note of Velius Longus which (though the text is now mutilated) it is evident must have borne a general resemblance to that of Nonius, quoting as it does A. II 51 'inque feri curvam,' etc.

P. 311, *fetum* significat *plenum*. Vergilius Aeneidos lib. I 'loca feta furentibus austris.' Et lib. II 'scandit fatalis machina muros, Feta armis. Varro γυνῶθι σευρῶν . . . *Fetum* onere levatum. Vergilius lib. VIII 'fecerat et viridi fetam Mavortis in antro Procubuisse lupam.' Et Georgicorum lib. III 'nec tibi fetae More patrum nivea implebunt mulgaria vaccae.'

Servius, A. I 51, *loca feta*, nunc *plena*, ut alio loco *feta armis*. Sciendum est autem *fetam* dici et *gravidam* et *partu liberatam*, ut 'fecerat et viridi fetam Mavortis in antro Procubuisse lupam,' etc.

P. 317, *habere*, satis esse (captus esse? Quicherat conj. *fatiscere*). Vergilius lib. XII 'hoc habet, haec melior magnis data victima divis.' Terentius Andria 'certe captus est, habet.'

Servius, on A. XII 296, *hoc habet*, id est, letali percussus est vulnerere. Terentius, 'certe captus est, habet.'

Nonius, p. 319, has a long note on the various meanings of *haurire*. *Haurire* significat *exhaurire* vel *implere* . . . *avare sumere* . . . *defatigare* . . . *confodere* . . . *accipere* . . . *tenere*. For the sense of *avare sumere* he quotes Virg. A. I 738, 'ille impiger hausit Spumantem pateram,' for that of *confodere*, A. X 314, 'latus haurit apertum,' for that of *accipere* vel *audire*, A. XII 25, 'haec animo hauri,' and IV 359, 'vocemque his auribus hausit.'

Comp. Serv. A. I 738, *hausit* modo *accepit*, nec possumus intellegere *bibit*, cum hoc sequatur, 'et pleno se proluit auro.' Alibi *vidit*, ut 'hausit caelum mentemque receptat,' alibi *audivit*, ut 'vocemque his auribus hausit,' alibi *vulnerat*, ut 'latus haurit apertum.' Et multa alia

THE ANCIENT COMMENTATORS ON VIRGIL. lxxxiii

pro loco significat. On A. iv 359, Serv. (Dan.) says, *haurit enim pro percipit* ponebant veteres, et ideo qua potissimum parte sensus percipiant adiungunt, ut 'simul hoc animo hauri,' et 'hauriat hunc oculis ignem.' Probus enim ait 'nemo haurit vocem.' Is the whole comment from a note of Probus?

P. 328, *interpres auctor*. Vergilius Aeneidos iv 'tuque harum interpres curarum et conscia Iuno.'

Servius, A. iv 608 (Dan.), sane *interpres* quid sit secundum veteres ipse exposuit dicendo *conscia*: veteres enim *interpretem* conscium et auctorem dicebant. Plautus in Milite 'quae mihi condicio nova et luculentior offertur per te interpretem.' Idem in Curculione, 'quod te praesentis hoc egit teque interprete.'

P. 332, *Legere* . . . colligere: Titinius . . . Vergilius lib. x 'extremaque Lauso Parcae fila legunt,' et lib. v 'fractosque legunt in gurgite remos'—with other instances.

Servius, A. v 209, *legunt*: alii *praetereunt*, sed melius *legunt*, id est *colligunt*. A. x 815, *fila legunt* . . . *legunt colligunt* est, aut *transeunt*, ut 'Litoraue Epiri legimus.'

Nonius, ib.: *legere* praeterire Vergilio auctore dicimus, Aeneidos lib. III 'litoraue Epiri legimus.' See Servius, A. v 209, quoted above, and III 127.

Nonius, ib.: *legere* est *navigare*, *praestringere*. Vergilius Aeneidos lib. II 'pars cetera pontum Pone legit.'

Servius, A. III 127, *legimus* praeterimus, ut 'litoraue Epiri legimus.' Tractus autem sermo a nautis, quod furem legendo, id est colligendo, aspera loca praetereunt. Comp. Serv. G. II 44.

Nonius, ib.: *legere subripere* significat, unde et *sacrilegium* dicitur, id est de sacro furtum. Vergilius in Bucolicis 'Nam quae sublegi tacitus tibi carmina nuper.' Nonius illustrates further from Turpilius, Lucilius, and Plautus (Aulularia).

Servius, A. x 79, *legere*, furari, unde et *sacrilegi* dicuntur qui sacra legunt, id est furantur. Alibi 'vel quae sublegi tacitus tibi carmina nuper.' Comp. Serv. on E. IX 21.

P. 339, *longe* est valde. Vergilius Aeneidos lib. v 'ante omnes stupet ipse Dares longeque recusat.' Illustrated further from Cicero, Lucilius, Sisenna, and Terence.

Servius, A. I 13, illustrates the same meaning from Sallust, 'longe alia mihi mens est, patres conscripti': comp. Serv. A. II 711, v 406.

P. 340, *laetum* pingue. Vergilius Georgicorum lib. II 'glande sues laeti redeunt.' Serv. A. III 220, *laeta* pinguis: so G. I 74, *laetum* pecus, id est pingue.

Nonius, p. 345, treats *merere* and *maerere* under the same article: *meret militat* . . . *maeret* rursus dolet.

Servius, A. IV 82, *maeret* si diphthongum habeat, ut hoc loco, *tristis est* significat: aliter *militat* significat.

P. 357-8, *olim* trinam habet significationem temporum. Praeteriti; 'meos olim si fistula dicat amores.' *Olim* temporis futuri. Vergilius Aeneidos lib. I 'hunc tu olim spoliis Orientis onustum Accipies secura.' Lucilius . . . Turpilius . . . Afranius.

It will be observed that Nonius, after promising to give instances of three meanings, gives instances only of two. But the note, or the sketch of it, is completely given by Serv. A. 1 20, *olim* quandoque. Et tria tempora significat : praeteritum, ut 'olim arbor, nunc artificis manus aere decoro Inclusit patribusque dedit gestare Latinis' : praesens, ut 'tumidis quod fluctibus olim Tunditur' : futurum, ut 'nunc, olim, quocumque dabunt se tempore vires.'

P. 363, *prodere* . . . differre, vel excludere. Vergilius Aeneidos lib. 1 . . . 'unius ob iram Prodimur, atque Italis longe disiungimur oris.' Lucilius . . . Terentius.

Servius, A. 1 252, *prodimur* : multa quidem hic sermo significat, sed modo *porro damur*, scilicet ab Italia. The gloss may have come from Verrius Flaccus : Fest. p. 229 *prodit*, memoriae *porro dat* : et *fallit* : item ex interiore loco *procedit* : item *perdit*, ut Ennius, etc.

P. 368, *pernix* significat *celer*. Vergilius Georgicorum lib. III 'talīs et ipse iubam cervicē effudit equina Coniugis adventu pernix Saturnus.' Lucilius lib. xxvii 'fimum pernice, aeternum id nobis sperantes fore.' *Pernix, perseverans*. Vergilius Georgicorum lib. III 'et inter Dura iacet pernix instrato saxa cubili.'

Servilius, A. xi 718, *pernicibus* . . . modo velocibus ; alias *perseverantibus*. Nam *pernix* interdum *velox*, interdum *perseverans* significat, ut ipse in Georgicis 'et inter Dura iacet pernix,' etc. Serv. G. III 230, *pernix*, modo *perseverans*. *Pernix* autem *perseverans* a *pernilendo* tractum est. Horatius, 'pernicis uxor Apuli.' Philarg. ib. *pernix* : legitur et *pernox* ; sed *pernix* melius, id est *perlinax*.

P. 370, *parcere* servare. Vergilius lib. x 'argenti atque auri memoras quae multa talenta Gnatis parce tuis.' Lucilius lib. xxvii 'parcant illi mage cui possint, cui fidem esse existimant.'

Servius, A. x 532 (comp. E. III 94), *parce* autem est secundum antiquos *serva*, ut apud Lucilium et Ennium invenitur.

P. 374, *poscere* provocare. Vergilius lib. VIII 'aut acrem dubites in proelia poscere Turnum.' M. Tullius primo secundae actionis in Verrem : 'poscunt maioribus poculis.'

Servius, A. VIII 614, *poscere* provocare. Cicero, 'poscunt maioribus poculus,' id est provocant.

P. 377, *protinus*, valde. Vergilius in Bucolicis, 'en ipse capellas Protenus aeger ago,' ut sit animo et corpore valde aeger : aut si aliud enuntiat, refertur ad illud (i.e. the meaning *longe, porro* given just before) ut sit, *longe, porro ago*. At ipsum *tenus*, licet, ut praepositionem acceperit, ita significatione varietur, tamen maxime finem terminumque designat. Then *hactenus, laterum tenus, capulo, crurum, pube tenus* are quoted from Virgil.

Above p. 375 Nonius has remarked, *protinus* ubicumque lectum est contra usum intellectus communis quo *statim* significare creditur, positum invenitur ut sit *protinus* (*protenus*?) *porro*, ac *sine intermissione, continuo* : quod iunctum *tenus* eius significantiam confirmat adverbii. Vergilius namque, in quocumque loco *protenus* posuit, sub hoc sensu intellegendum reliquit.

Servius, E. 1 13, *protenus, porro tenus*, id est, longe a finibus . . .

THE ANCIENT COMMENTATORS ON VIRGIL. lxxxv

The Servius of Daniel adds, nam *protenus* per *e* adverbium loci, per *i* *protinus* adverbium temporis id est *statim*.

With the note explaining *tenuis* as = *finis* comp. Iulius Modestus ap. Philarg. G. III 53, Modestus *tenuis* pro *fine* accipit: Verrius Flaccus (Fest. p. 367) *tenuis* significat *finem*, ut cum dicimus *hactenus*: Serv. A. VI 62, *hactenus*, hucusque, id est, hic sit finis. Nam *tenuis* proprie est extrema pars arcus, ut Plautus ostendit.

P. 378, *restare* dicitur superesse: Terentius . . . M. Tullius . . . Vergilius . . . Aeneidos lib. IV 'hospes, Hoc solum nomen quoniam de coniuge restat.' *Restare* resistere. M. Tullius de Finibus bonorum et malorum, 'nullam quaerentes voluptatem Stoici restant.'

Servius, A. IV 324, *restat*, hoc est *superest*. Alii *restant* intellegunt *resistit*, id est, contrarium tibi est.

Nonius, p. 391, has a note on *stare*, to which he assigns the following meanings:

Consistere: Vergilius Georgicorum lib. III 'stare loco nescit:' Plautus.

Horrere: Titinius, Caecilius, Lucilius.

Erigi, prominere. Lucilius.

Fidem habere. Cicero.

Valere et constare, fixum esse. Varro: Vergilius lib. X 'stat sua cuique dies,' II 'stat casus renovare omnes.'

Plenum esse. Vergilius in Bucolicis 'stant et iuniperi et castaneae hirsutae': Aeneidos lib. XII 'iam pulvere caelum Stare vident.'

Esse. Varro.

Servius, A. I 646, *stat*, modo *est* [ut 'Graio stant nomine dictae,' Dan.]. Alias *horret*, ut 'stant lumina flamma,' et 'stabat acuta silex:' item *plenum est*, ut 'iam pulvere caelum Stare vident': item *positum est*, ut 'stant Manibus arae:' item *placet*, ut 'stat conferre manum Aeneae' et 'stat casus renovare omnes.' Comp. also Serv. E. VII 53, A. XII 408 (Dan.), II 750.

P. 398, *supplicium* . . . supplicatio. Sallustius in Catilinae bello, 'in suppliciis deorum magnifici.' Accius . . . Afranius.

Servius, A. I 632, *supplicia* dicuntur supplicationes, quae sunt de bonis supplicia passorum. Sallustius, 'in suppliciis deorum magnifici.'

Nonius, p. 400-1, assigns the following meanings to *subigere*:

Acuere: Vergilius lib. VII 'subiguntque in cote secures.'

Exercere, mollire: Cicero, Virgil, Lucilius, etc.

Superare: Virgil, Sisenna.

Cogere: Vergilius . . . lib. VI 'subigitque fateri:' Lucilius, Plautus.

Servius, A. VI 302: *subigit* . . . et *acuit* significat, ut 'subiguntque in cote secures,' et *compellit*, ut 'subigitque fateri.'

The note may ultimately come from Verrius Flaccus: Fest. p. 309, *subactus* modo significat *mollitus*, modo *victus*, modo *compulsus*, modo *coactus*.

P. 403, *secare* sequi: unde et sectatores bonorum *sectores* dicti sunt. Vergilius lib. X 'quaecunque est fortuna hodie, quam quisque secat spem.'

Serv. A. X 107: *secat*, sequitur, tenet, habet, ut 'Ille viam secat ad

naves.' Unde et *sectas* dicimus habitus animorum et instituta philosophiae circa disciplinam. Comp. Serv. A. vi 900.

P. 404, *squalidum*, sicut plerumque, dicitur *sordidum*. Vergilius in Aeneidos lib. II 'squalentem barbam et concretos sanguine crines.' *Squalidum*, fulgens. Vergilius lib. x 'per tunicam squalentem auro latus haurit apertum.'

Servius, A. II 277 (Dan.), *squalentem* modo *sordidum*, alibi *lucentem* : 'per tunicam squalentem auro,' a squamis. From Gellius II 6 it seems that 'tunicam squalentem auro' was an expression blamed by Cornutus. Gellius defends it as follows, l. c. § 20 foll. : 'Id autem significat copiam densitatemque auri in squamarum speciem intexti. *Squalere* enim dictum a squamarum crebritate asperitateque, quae in serpentium pisciumve coriis visuntur. Quam rem et alii et hic quidem poeta locis aliquot demonstrat. 'Quem pellis,' inquit, 'ahenis In plumam squamis auro conserta tegebat,' et alio loco, 'Iamque adeo rutilum thoraca indutus ahenis Horrebat squamis.' Accius in Pelopidis ita scribit : 'eius serpentis squamae squalido auro et purpura Pertextae.' Quicquid igitur nimis inculcatum obsitumque aliqua re erat, ut incuteret visentibus facie nova horrorem, id *squalere* dicebatur. Sic in corporibus incultis squamosisque alta congeries sordium *squalor* appellabatur, etc.

The explanation of the word given by Gellius is somewhat different from that of Nonius and Servius. That of Gellius may have been based on a note of Verrius Flaccus : Fest. p. 328, *squalidum* incultum et sordidum, quod proxime similitudinem habet squamae piscium sic appellatum.

P. 416, *vanum* est mendax. Vergilius Aeneidos lib. I 'ni frustra augurium vani docuere parentes.' Nonius illustrates further from Sallust and Cicero.

Servius, A. I 392 (Dan.), quidam *vani mendaces* tradunt. Sallustius in Iugurtha, 'nam ego quidem vellem et haec quae scribo et illa quae antea in senatu questus sum vana forent potius, quam miseria mea fidem verbis faceret.' Terentius in Phormione, ubi adulescens lenonem mendacii arguit, 'Non te pudet vanitatis'?

Gellius XVIII 4 illustrates the same sense of *vanus* from another passage of Sallust, quoted neither by Nonius nor Servius. For the etymology of *vanus* he refers to Nigidius Figulus.

P. 420, *verrere* est trahere. Vergilius lib. I 'quippe ferant rapidi secum, verrantque per auras.'

Servius, A. I 59, *verrere* est trahere, a rete, quod verriculum dicitur. I 478, *versa* tracta, ut Plautus 'inveniam omnia versa, sparsa.' Venit autem ab eo quod est *verror*. So Isidore XIX v 3.

P. 421, *cupido* et *amor* idem significare videntur. Et (at?) est diversitas. *Cupido* enim inconsideratae est necessitatis, *amor* iudicii. Plautus Bacchidibus : 'Cupidon tecum saevit, anne amor'? Idem in Curculione discrevit, et vim eiusdem diversitatis expressit, dicens, 'quo Venus Cupidoque imperat, suadetque Amor.' Afranius in Omine, 'amabit sapiens, cupient ceteri.'

Servius, A. IV 194 (Daniel), has the same note and the same quotations : but the verse of Afranius is quoted *from the Neaera* as

THE ANCIENT COMMENTATORS ON VIRGIL. lxxxvii

follows: 'alius est amor, alius Cupido: amant sapientes, cupient ceteri.'

From the remaining books of Nonius I quote the following instances:

P. 439, *simulare* est fingere scire quae nescias, *dissimulare* fingere nescire quae scias. Sallustius in Catilinae bello, 'cuius libet rei simulator ac dissimulator.'

Servius A. I 516, *dissimulamus* nota, *simulamus* ignota; ut Sallustius, 'simulator ac dissimulator.'

P. 470, *dignavi* pro *dignatus sum*. Accius Meleagro: 'remanet gloria apud me: exuvias dignavi Atalantae dare.' Pacuvius Hermiona: 'quom neque me aspicere aequales dignarent meae.'

Servius, A. XI 169 (Dan.), *digner*: alii *dignem* legunt, iuxta veteres, ab eo quod est *digno*. Calvus: 'hunc tanto munere digna.' Pacuvius in Hermiona: 'quom neque me inspicere aequales dignarent.' Hinc ipse Vergilius, 'coniugio Anchisa Veneris dignate superbo.' Comp. Serv. A. III 475.

P. 481, *potior illam rem*, pro *illa re potior*. Terentius Adelphis, 'ille alter sine labore patria potitur commoda.' Servius, A. III 278, quotes the same words from Terence in illustration of *potior* with the accusative.

Nonius, p. 487, notices the double forms, *vapor vapos*, *timor timos*, *labor labos*, *color colos*, illustrating from Lucretius, Naevius, Accius, and Varro. Servius, A. I 253, notices that Sallust always wrote *labos*. Compare Quint. I iv 13, '*arbos, labos, vapos*, etiam et *clamos* aetatis (usitata?) fuerunt.'

P. 535, *lintres*, naves fluminales. Vergilius Georgicorum lib. I 'cavat arbore lintres.'

Servius, G. I 262, *lintres*, fluviatiles naviculas.

P. 487, *Argus* pro *Argivus*. Plautus Amphitruone, 'Amphitruo natus Argis ex Argo patre.' [*Dardanus* pro *Dardanius*.¹] Vergilius Aeneidos lib. IV 'hauriat hunc oculis ignem crudelis at alto Dardanus.'

Servius, A. IV 662 (Dan.). *Dardanus* pro *Dardanius*. Plautus 'Amphitruo natus Argis,' etc.

There are similar correspondences between Servius and Gellius, of which the following may be taken as a specimen:

Gellius II xiii 1, 2: antiqui oratores, historiaeque aut carminum scriptores etiam unum filium filiamve *liberos* multitudinis numero appellarunt. He then illustrates from Sempronius Asellio.

Servius, A. X 532: *liberos* etiam unum dicimus filium, adeo ut Terentius etiam *filiam* dixerit, ut in Hecyra, 'qui illum dignum decreverint, suos cui *liberos* committerent.

9. FLAVIUS CAPER, VELIUS LONGUS.

Flavius Caper and Velius Longus belong to the age of Trajan. Of Caper, who is known only as a grammarian, not as a commentator on

¹ These words are obviously required.

Virgil, very little need be said here, the less as the few remarks which are quoted from him by Servius can be shown to be, in all probability, borrowed from other sources. *Explebo numerum*, in Aen. vi 545, Caper took to mean *minuam numerum*: an explanation which, as we have seen above, is given by Nonius, p. 298. There is, however, nothing to show that Nonius is borrowing from Caper here. And the same may be said of Caper's remark on A. ix 709, that the neuter form *clipeum* and not the masc. *clipeus* should be read there, which coincides with Nonius, p. 195. Finally his observation (Serv. A. x 344, 788) on the forms *femur* and *femen* may be traced to Verrius Flaccus (Festus, p. 92).

Besides his elegant treatise on orthography, which has been fortunately preserved, and a work de usu antiquae lectionis, Velius Longus was the author of a commentary on the Aeneid mentioned by Charisius pp. 88, 175. Of this work several notes are preserved in Macrobius and the Verona scholia, and much probably has found its way into the commentary of Servius. For we find in several instances that where the Verona scholia quote Longus by name, the same note is given in Servius in an abridged form and without any mention of him: a phenomenon which must never be lost sight of in considering the question of the sources of the Servian commentary, whether the conclusion be that Servius is borrowing from Longus, or that the notes of both are derived from the same source. The principal notes of Longus preserved by the Verona scholia are:

(a) A. iii 693 on the name Plemmyrium, which he (or his authorities) derived from *πλημύρειν* 'ideo quod undique fluctibus undisque adluatur.' This or a similar note is abridged in Servius without acknowledgment.

(b) A. iii 705 on *palmosa Selinus*, *palmosa* being explained after Melissus (?) as meaning 'the mother of many victors in the Olympic games.'

(c) A. iv 149. Longus derived *segnis* from *sine igni*, and explained it as = *deformis*, which again he took as coming from *de* and *formus*, hot: and so Servius, again without acknowledgment of the source of his note. So Nonius, p. 33.

(d) A. v 488. Longus replied to a carping criticism of Cornutus on this line. Again Servius gives the gist of this note without mention of his authority.

(e) A. vii 489 on the word *ferus* for a stag. This note of Longus seems to be based on the same sources as that of Nonius, p. 307, both quoting A. ii 52, where *ferus* is used of a horse. Again Servius abridges this or a similar note without acknowledgment.

(f) A. x 1. Longus here had a valuable note on the words *domus Olympi*, in illustration of which he quoted *cenaculum caeli* from Ennius.

(g) A. x 551. Longus mentions and solves a difficulty about Faunus: how could he be mortal if born of a nymph? The question is also raised and solved by Servius. The gist of both notes is the same, but they are evidently independent, and probably derived from a common source.

(h) A. x 557. Longus illustrated the local adverb *istic* by two passages from the Rudens of Plautus.

THE ANCIENT COMMENTATORS ON VIRGIL. lxxxix

(i) In A. x 245 it seems that Longus read *spectabis* for *spectabit*, saying that the word *venerit* should be supplied after *crastina lux*. Macrobius iii vi 6 has a note of Longus on A. iii 84, which is also given, without any acknowledgment of its source, in the Cassel additions to Servius on the passage.

10. URBANUS.

I am not convinced by Ribbeck's argument (Prol. p. 167) from the mention of Urbanus in Servius' note on A. v 517, that this commentator was prior in time to Velius Longus. Longus, we have seen, made some remarks in answer to a criticism of Cornutus on Virgil's alleged mistake in making Aeneas devote to death a pigeon, the bird of Venus: and it seems that Urbanus had a note to the same purpose. But it would be rash, surely, to infer from this that Longus was indebted to Urbanus.

On two grounds I am disposed to think that too early a date has been assigned to Urbanus. First, there is not, so far as I am aware, any mention of him in the Verona scholia. It may be answered that the Verona scholia as we have them are merely a fragment, and that we cannot therefore be justified in arguing from their silence. True: yet even in their fragmentary condition they preserve quotations from a great number of commentators, Asper, Cornutus, Haterianus, Longus, Nisus, Probus, Terentius Scaurus, Sulpicius Apollinaris; and it would be strange, had the compiler of these scholia known of a commentary by Urbanus, that no mention of it should have survived even in a fragment of his work.

Secondly, the absurdity of the notes attributed to Urbanus seems to me to stamp them as belonging to a later age than that of Trajan or the Antonines. To take a single instance: in A. iv 469, 'Eumenidum veluti demens videt agmina Pentheus,' Urbanus seems to have taken 'agmina' as meaning the coils of the Furies' serpents. It is easy to imagine how Probus would have dealt with such a remark: or again with that on A. iv 624, 'nullus amor populis, nec foedera sunt,' where Urbanus observed that Virgil had used a legal word, *sunto*, 'propter odia hereditaria.'

11. CAESELLIUS VINDEX, TERENTIUS SCAURUS, SULPICIUS APOLLINARIS.

Caesellius Vindex, the compiler of a lexicographical work in fifty books entitled *Lectiones antiquae*, arranged in alphabetical order, is quoted by Gellius, ii xvi 5, as giving a sensible explanation of *postuma proles* in the sixth Aeneid. He took *postumus* to mean not 'post patris mortem natus,' but 'postremo loco natus,' an interpretation for which he was taken to task by Sulpicius Apollinaris. It is easy to conjecture, though there is no positive proof of the fact, that the work of Caesellius Vindex may have been used to a far greater extent than now appears by Nonius,

in whose writings, as we have seen, a great deal of lexicographical work is embedded.

The name of Terentius Scaurus, the author of a Latin grammar and a controversial treatise against Caesellius Vindex, as well as of commentaries on Plautus and Virgil, brings us into the reign of Hadrian. Gellius calls him (xi xv 3) 'divi Hadriani temporibus grammaticus vel nobilissimus.' His grammatical works are cited by Gellius and the later grammarians: of his commentary on Virgil so little is expressly quoted that it would be rash to pronounce any judgment upon its merits. In A. III 484, 'nec cedit honori,' Servius tells us that Scaurus read 'honore.' The Verona scholia quote a note of his on Crete IV 146, and another on v 95, in which a theory is advocated that snakes are born from the marrow of men: a notion which also appears in Servius' note on the passage.

The Carthaginian Sulpicius Apollinaris, the master of Aulus Gellius as well as of the unfortunate emperor Pertinax, paid considerable attention to Virgil. A note of his on 'Silvius Albanum nomen, tua postuma proles,' etc., in which he controverted the opinion of Caesellius Vindex, is mentioned by Gellius, II xvi 8. Gellius, VII xvi 12, says that he took 'praepetes aves' as equivalent to Homer's *οἰωνοὶ τανυπτέρυγες*: and XVI v 4 foll. quotes his opinion on the prefix *ve* in *vemens*, *vescus*, *vestibulum*. As far as *vescus* is concerned, Sulpicius seems merely to have quoted the opinion of Verrius Flaccus (see above p. lvi), as indeed he also did in the case of the word *postumus* (comp. Festus, p. 238).

12. POLLIO.

A scholar of this name with the *nomen* Asinius is mentioned by Servius on Aen. II 7 and elsewhere several times. The remarks attributed to him are foolish and hardly worth quoting. On the passage just alluded to, for instance, he seems to have observed that 'duri miles Ulixi' was meant for Achaemenides. It is possible, of course, that the celebrated Asinius Pollio may have criticised Virgil, but that such notes can have come from him, or from any scholar of the Augustan age, is almost incredible, and I am therefore inclined to agree with Ribbeck (Prol. p. 116) that if the Pollio of Servius is to be identified with any known person, he was probably the scholar mentioned twice by Marcus Aurelius (Fronto, pp. 42, 63, Naber) as an excellent commentator on Horace.

13. IULIUS HATERIANUS.

Haterianus is mentioned as a commentator on Virgil by Macrobius (III viii 2), and several times in the Verona scholia. He is assumed by the historians of Latin literature to be the Haterianus who is quoted as an authority by Trebellius Pollio in his history of the thirty tyrants (Script. Hist. Aug. XXX Tyr. vi 5), in which case he must belong to the last part of the third century A.D.

Macrobius (l. c.) quotes Haterianus as his authority for saying that the poet and orator Calvus used *deus* as a feminine noun; a usage which he illustrates also from Virgil and Sallust. The same instances from Virgil and Sallust are given in a note in Donatus on Terence Eun. v ii 36; it may therefore be that Haterianus and Donatus are both drawing on an older source. The other remarks attributed to Haterianus do not give a high idea of his capacity; e.g. his proposal on A. x 242 ('quem dedit ipse Invictum Ignipotens') to read *igni* for *ipse*, and construct it with *invictum*, 'unconquerable by fire.'

14. THE VERONA SCHOLIA.

These scholia, written on the margin of the Verona palimpsest, are mentioned here on account of a quality which, as it immensely enhances their value, seems to me also to have some bearing upon their date. I allude to the fact that in the Verona scholia, far more than in the commentaries of Philargyrius and Servius, the names are given of the scholars from whose works the notes are derived. The names of Cornutus, Asper, Velius Longus, Terentius Scaurus, Sulpicius Apollinaris, and Haterianus are mentioned far oftener, in proportion to the extent of the remaining fragments of these scholia, than in the later commentaries. This phenomenon seems to me to indicate that they are older than the time of Servius and Philargyrius, whose characteristic it is, on the whole, to say little or nothing of their authorities. I am inclined to attribute this not so much to deliberate intention on their part, as to the fact that in course of time the names of the older scholars who had originally gathered the stores of Virgilian learning gradually vanished from the commentaries. Philargyrius and Servius may have used as their immediate sources of information not the ancient commentaries themselves, but *compendia* or handbooks compiled from them. Nothing on the other hand strikes the reader so much in the fragments which remain of the Verona scholia as their air of genuine antiquity, their clearness, fulness, and sanity of view. Even in their fragmentary condition they embody a great deal of valuable information, evidently drawn from very good sources, on points of grammar and lexicography. To take a single instance: the lexicographical notes on *arma, cuncto, oras, altus, insignis*, at the beginning of the commentary on the Aeneid, are far fuller than the corresponding notes in Servius, and that on *insignis* fuller even than the corresponding note in Nonius p. 331. It may fairly be said that wherever the Verona scholia have been preserved, it is the first duty of a modern commentator to consult them. Readers who have followed this essay so far will have already derived some notion of the quality of the Verona scholia from the quotations made in the sections on Asper and Velius Longus: and they have been cited in the course of the commentary wherever any light is to be derived from them.

Whether these scholia were compiled before the time of Donatus and Servius or not, their composition cannot be dated earlier than the

last part of the third century A.D., as they mention Haterianus. The fact that the names of Servius and Donatus never occur in them is, so far it goes, an argument in favour of supposing what their general character leads us to presume, that they were written before those commentators appear on the scene.

15. AELIUS DONATUS.

This scholar, whom Jerome mentions more than once as his teacher, lived and taught in the middle of the fourth century at Rome, where he held the post of *orator urbis Romae* and the title of *vir clarissimus*. It is unfortunate that we know nothing of his commentary on Virgil but what we learn from the remarks, mostly polemical, of Servius.¹ He prefixed to his commentary the Life of Virgil which scholars are now agreed was the work of Suetonius.² This fact, as well as the character of his commentary on Terence, would have led us to expect a work of sound scholarship from Aelius Donatus: yet, if we may believe Servius, he was weak both in knowledge and in judgment. On A. II 798, for instance, he seems to have expressed an opinion that *ex Ilio* might stand as a metrical equivalent for *exilio*; he thought that *ctae* (A. VIII 642) could = *divisae*; that *litus* (A. II 557) could mean a spot before the altar, and could be derived from *litare*; that Amsanctus (A. VII 563) was in Lucania; that 'trahunt in moenia' (A. XII 585) could mean 'dilacerant in moenibus,' and so on. It is difficult to suppose that the bulk of his commentary was not of better quality than this. Errors like those just mentioned (and Servius himself is not entirely guiltless of such mistakes) only show how surely the decline of scholarship had set in by the middle of the fourth century A.D., and indeed (if the work of Nonius may be taken as a specimen) much earlier.

16. TIBERIUS CLAUDIUS DONATUS.

The commentary of Tiberius Claudius Donatus on the Aeneid, written towards the end of the fourth century A.D. for the benefit of his son Tiberius Claudius Maximus Donatianus, differs in its scope and aim from notes such as those of the Verona scholia, Servius, or Philargyrius. This writer's main object is to bring out fully the meaning of his author by writing a lengthy paraphrase in prose, intended not only to explain the meaning of the poet, but to exhibit the rhetorical connection of the clauses. For instance, on Aen. I 291 he takes pains to show that the words of Jupiter, 'quin aspera Iuno . . . Consilium in

¹ [Some survives in the eighth-century encyclopaedia known as the *Liber Glossarum*: see Götz, *Abhandl. der phil. hist. Classe der Kgl. Sächs. Gesellschaft der Wiss.* xiii 276 (Leipzig, 1891). Ihm (Rhein. Mus. xlv 636) conjectures that the Medicean scholia to the *Ecl.* are based on Donatus, but there is no proof of this.]

² The Paris MS. 1011 has prefixed to this memoir the words *Fl.* (i.e. *Ael.*) *Donatus L. Munatio suo salutem.* The memoir is also prefixed to the commentary of the younger (Ti. Claudius) Donatus.

melius referet,' are meant as a consolatory reply to the complaint of Venus 'unius ob iram Prodimur.' The commentator aims always at explaining the connexion of ideas, and showing generally how Virgil's arrangement and the development of his narrative coincide with the fitness of things. Elementary points of mythology are noticed, but there is very little on grammar and antiquities.

A modern reader will probably find the work of Tiberius Donatus dull and unprofitable to a degree quite unusual in the case of any commentary on a secular author. But his own professions with regard to it are interesting as throwing some light on the condition of scholarship and education in the fourth or fifth century A.D. He says in his preface¹ that he intends his remarks to be mainly educational. The schoolmasters give their scholars nothing of any value, while the commentators, writing for the purpose not of instruction but of research, however praiseworthy their zeal, have left their remarks in a comparatively inaccessible condition. He begs his son to compare his work with that of the older commentators, and to judge for himself what he prefers to follow in the one or the other.

This commentary was, according to its author's own statement,² written hastily and with many omissions. It was the work of his old age, and he therefore hastened to finish it, intending to make good its shortcomings in a future work. This was to include histories of the Virgilian heroes, accounts of the rivers, mountains, countries and towns mentioned in the *Aeneid*, and remarks on other points of antiquities or of general interest. It is very important to observe that these notes were to be taken from ancient commentaries.

¹ 'Post illos qui Mantuani vatis mihi carmina tradiderunt, postque illos a quibus in *Aeneidos* libris quasi quidam solus ac purior intellectus expressus est, silere melius erat quam loquendo crimen arrogantis (arrogantiae?) incurrere. Sed cum adverterem nihil magistros discipulis conferre quod sapiat, scriptores autem commentariorum non docendi studio, sed memoriae suae causa quaedam favorabili studio, multa tamen involute reliquisse, haec, fili carissime, tui causa conscripsi, non ut sola perlegas, sed ut ex collatione habita intellegas quid tibi ex illorum, quidve ex paterno labore sequendum sit.' (Preface to the Commentary.)

² 'Incertum metuens vitae, quod magis senibus incumbit, et proximum est, cursim scripsi quae potui, relinquens plurima; et ea saltem edi volui quae tibi ad cetera intellegenda aditus ac viam aperirent; ut si quid mihi adversi accideret, haberes interpretationum mearum quod imitareris exemplum. Verum quia ex communi voto contingit diutius vivere, hos libros interim legendos curavi; mihi enim certum est dehinc me non esse deserturum in te studium patris, ut tibi quantum potuero pari praeparem cura quae propter supra dictam causam videor omisisse. Sic enim fiet ut origines singularum personarum, quas Vergilius *Aeneidos* libris comprehendit, et quae in aliquo studio florerunt, taut nullius fuerint meriti vel contraria deligendot depressae sint. Simul etiam cognoscas oppidorum insularumque rationem, regionum, montium, camporum vel fluminum, templorum ac fanorum, herbarum quin etiam et lignorum vocabula, et cetera his similia. Sed haec sic accipias velim, ut ex commentariis scias veterum me esse collecturum; antiqua enim et fabulosa et longinquitatis causa incognita nisi priscorum docente memoria non potuerunt explicari.' (From the end of the commentary. I quote from the edition of Virgil by Fabricius of Chemnitz, Basel, 1547.)

17. IUNIUS PHILARGYRIUS.

The fragment of a commentary on the Eclogues, bearing the title *Philargyrii Explanaciones*, is preserved in three manuscripts (Laurentianus, plut. XLV, cod. 14, tenth century; Parisinus 7,960, tenth century; Parisinus 11,308, of the same date). And an incomplete commentary on the Georgics, of excellent quality, but with large gaps, which gives the impression of the work as we have it being a series of extracts, has been since the time of Ursinus assigned likewise to Iunius Philargyrius. M. Thomas, in his essay upon Servius (p. 277), observes that the name of Philargyrius is not, in a single MS., prefixed to these scholia. This fact would of course, if taken by itself, be sufficient to throw grave doubt upon our right to assign the notes to Philargyrius. But it must also be observed that the Berne scholia, of which more anon, often quote from a Iunilius Flagrus, whom scholars usually identify with the Iunius Philargyrius of the commentary on the Eclogues. And the notes of Iunilius Flagrus very often¹ coincide with those of the anonymous commentary on the Georgics. The argument is not conclusive, for it assumes on the one hand that Iunilius Flagrus is a corruption of the name Iunius Philargyrius, and on the other that the coincidence of the notes attributed to Flagrus in the Berne scholia with those which have hitherto been assigned to Philargyrius proves unity of authorship, whereas it need prove no more than unity of origin. Still the facts alleged tend to establish a probability, which I think justifies us in still quoting the notes in question under the name of Philargyrius.

The commentary itself is a good one, based on excellent sources, and quite worthy to rank with that of Servius. The date of its compilation is quite uncertain; but judging from its general style and tone, I should be disposed to think that it could not be placed later than the fourth century A.D. There is no mention in it either of Donatus or of Servius; but it might be rash to infer anything from this fact. It is also true that Servius, though he mentions Donatus, says nothing of Philargyrius. Does this prove that Philargyrius was his contemporary, or that he lived later?

The commentaries of Servius and of Philargyrius on the Georgics are independent of each other; but there is plenty of evidence to show that for all that constitutes, so to speak, the backbone of their work, for their grammar, lexicography, history, and antiquities, they are alike dependent on the stores of information gathered by the scholars of the first and the beginning of the second centuries. This could be easily

¹ I have observed the following instances of correspondence between the notes attributed to *Iunilius Flagrus* in the Berne scholia, and those found on the same passages in the commentary bearing the name of Iunius Philargyrius:

Eccl. I 20; Georg. I 58, 292-3, 295; II 160; III 5, 113, 280, 392, 408, 461 (?), 474 (?), 532; IV 111, 131, 278, 520.

On G. IV 89, the note of *Flagrus* is different from that of Philargyrius, and on G. IV 565 they are independent.

As a rule, the notes in the Berne scholia give a short abstract of those in the Philargyrian commentary, though this is not always the case.

shown by a comparison of their notes in detail with notes in Festus, Nonius, Gellius, and the grammarians, such as that of which I have attempted to give a specimen in the preceding sections.

18. SERVIUS.

The name of this commentator is given in all MSS. earlier than the fifteenth century simply as Servius; and Priscian in quoting his works knows of no *praenomen* or *cognomen*.¹ The name Maurus Servius Honoratus is highly suspicious, occurring as it does only in fifteenth century manuscripts. A note of the pseudo-Acron on Horace, Sat. i ix 76, mentions a 'Servius, magister Urbis,' as offering an explanation of the word *antestari*. Whether we have any right to identify this person with our Servius is extremely doubtful.

Servius is introduced as one of the interlocutors in the Saturnalia of Macrobius. Macrobius, who held high offices of state in 399, 410, and 422 A.D., probably wrote his Saturnalia at the end of the fourth or beginning of the fifth century. The dialogue, however, is in Platonic and Ciceronian fashion, thrown some twenty years back, being supposed to take place before the death of Praetextatus (385 A.D.). Servius is spoken of as at that time a man who had only recently adopted the profession of teaching, but who had already acquired a high reputation both for learning and modesty (Sat. i ii 15). He is described further (ib. vi vi 1), as occupied every day in explaining Virgil to the Roman youth, and the duty of answering hostile criticisms upon Virgil is, to a large extent, assigned to him.

I am glad to find that M. Thomas has come to the same conclusion as that for which I have already contended, that the Servius of the Saturnalia stands in no real relation to the Servius of our commentary, except in so far as the notes on Virgil in Macrobius can be shown to be ultimately derived from the same sources as those in the commentary of Servius (see p. xxxii). The idea that Macrobius is quoting from the actual commentary of Servius cannot, I think, any longer be defended. All internal evidence points, as I have attempted to show, in another direction. Macrobius was himself, in all probability, using old commentaries and treatises now lost, which were the source of many a note in Philargyrius and Servius; and it was only natural, from a literary point of view, that he should pay Servius the compliment of assigning to him the duty of expounding this Virgilian learning.

Whether the commentary of Servius which we now possess was published at the time when the Saturnalia were written is a point which I do not think there is evidence to decide. If we take the language held in the Saturnalia as seriously affecting the question, we must conclude that in the year 380, or thereabouts, Servius was known not as a writer but only as a very learned teacher, and that his commentary was not published until after the publication of the Saturnalia. But the character

¹ Thomas, *Essai*, etc., pp. 133-4.

of that dialogue makes it unsafe to build much upon its language in a matter of this kind. It may be that Macrobius knew our commentary, and yet purposely put fuller and clearer expositions into the mouth of his Servius. It is also possible that the commentary as we have it was not published until the beginning of the fifth century A.D.

The existing commentary falls into two parts, one of which may for convenience be termed the Vulgate; while the other consists of certain additions to the Vulgate, found in manuscripts of the ninth and tenth centuries, and in quality equal either to the Vulgate or to the commentary of Philargyrius. These additions were published with the Vulgate in the year 1600 by Peter Daniel, since whose time the commentary thus enlarged has been generally known as the Servius of Daniel.¹ Scholars seem now agreed that these additional notes were not part of the original commentary of Servius, but were copied into his work from a work of equal antiquity and pretensions. I offer no opinion on this question, which seems to me still open to discussion, as even the Vulgate of Servius is not so completely homogeneous as to exclude the hypothesis of its author having left his work in a comparatively undigested form.²

However the case may stand with these additions, there is no doubt that the Vulgate of the commentary bearing the name of Servius is on the whole a homogeneous work, not a mere congeries of notes accidentally bearing the name of a celebrated scholar. It is true that its author has sometimes allowed inconsistencies to remain, as, for instance, when in one passage, at the beginning of his notes on the Aeneid, he quotes *arma virumque cano* as the first words of the Aeneid, and two lines below says that Virgil began differently. The same *scholion*, too, is often repeated on different passages in almost the same words. Again, the author sometimes refers to a note which he either never wrote, or which has disappeared from our manuscripts. This case, however, is quite exceptional. The commentary constantly refers back to notes which really exist, an almost decisive mark of its coming from one hand.

It is plain, I think, that the commentary of Servius is the work of an adherent of the old religion. It is not merely that its author gives no sign of any leaning to Christianity, or knowledge of it, but that he shows

¹ The additional notes published by Daniel are found in the following MSS. : Ecl. IV—G. I 278 : the Lemovicensis (= Vossianus 80) and Floriacensis (= Bernensis 172).

A. I-II : the Parisinus 1750, and Fuldensis. The Fuldensis is identified by Thilo with a MS. now at Cassel; but Thomas (Essai, etc., pp. 71-75) doubts whether the Cassellanus and Fuldensis are not distinct.

A. III-V, 882 : the Floriacensis of Daniel (= Bernensis 172) : to which Thomas adds the Parisinus 7930.

A. VI-XII : the Turonensis (= Bernensis 165), containing A. I-XII, 918; and the Parisinus 7929 (A. VI 14-XII 818), which Thomas, in his Supplement, has shown to be the second volume of Bern. 172.

² [In a review of Thilo's Servius first printed in the Journal of Philology, vol. x, and then in Mr. Nettleship's Essays, first series, p. 322, it is contended that the additional notes have as good a right to bear the name of Servius as the Vulgate. 'The commentaries now bearing his name represent, in a fuller and shorter shape, notes which were at various times given by him in his lectures.']

THE ANCIENT COMMENTATORS ON VIRGIL. xcvi

a decided fondness for the forms and antiquities of the old Roman worship. Taking the commentary as a whole, I am inclined to characterize it as one of the works which, like the *Saturnalia* of Macrobius, marks the reaction in favour of the past, which took place among the Roman *literati* at the end of the fourth and the beginning of the fifth centuries A.D.

The commentary of Servius may, so far as its tone is concerned, almost deserve the name of classical, for it is clear that in the main it is constructed out of very ancient materials. For his information on points of history and antiquities Servius draws, very likely at second or third hand, on Cato, Varro, Nigidius, and other authors of the same stamp: for mythology on Hyginus, for grammar and philology on Varro and Verrius Flaccus. The views of these writers he probably learned from the scholars of the end of the first and beginning of the second centuries, as Asper and Probus, and the writers of the time of Trajan, Hadrian, and the Antonines. He quotes, indeed, writers of the third and fourth centuries, as Sammonicus Serenus, Juba, Solinus, Terentianus Maurus, Stadius Tullianus, Titianus, and Catulinus; but since the age of the Antonines, if we may judge by the original remarks of so celebrated a scholar as Aelius Donatus (see on p. xcii), little if anything that was both new and true had been added to Latin scholarship.

Of Titianus and Catulinus a word or two must be said before we leave this part of our subject. On *Aen.* x 18 Servius mentions these writers as the authors of a treatise which might in modern phraseology be entitled *Virgil as a Rhetorician*: 'Titianus et Catulinus, qui themata omnia de Vergilio elicuerunt ad dicendi usum.' A fact most important as illustrating the decline both of scholarship and education. The curriculum of education is becoming more and more limited to the study of Virgil; the study of Virgil is becoming more and more scholastic and technical. Are there any actual remains of these base and degenerate efforts of analysis? The fourth book of Macrobius is an excellent specimen of what this method could effect. A mere fragment of the book remains, in which a thousand and one instances are given of Virgil's command over the resources of *pathos*. I have noticed a great many similar remarks in the commentary of Servius, of which the following may be taken as specimens:

A. IV 31, et suasoria est omni parte plena: nam et purgat obiecta et ostendit utilitatem et a timore persuadet. Et usus est apto causae principio, nam et cum aliquid propter nos petimus, benevolum nobis eum qui audit facere debemus, etc.

A. IV 361, oratorie ibi finivit ubi vis argumenti constitit.

A. VI 104, sane sciendum adlocutionem hanc esse suasoriam cum partibus suis.

A. VII 535, rhetorice viles trudit in medium; nobiles vero primo et ultimo commemorat loco.

A. VIII 127, et est rhetorica persuasio, nam principium ex utriusque persona sumpsit.

A. VIII 374, sane hoc rhetorica suasio est, nam principatum a verecundia sumpsit.

A. IX 131, et est oratorium quaestiones ita proponere ut facilem solutionis sortiantur eventum; compare on line 136.

A. IX 481, et est conquestio matris Euryali plena artis rhetoricae. Nam paene omnes partes habet de misericordia commovenda a Cicerone in Rhetoricis positas.

A. IX 614, utitur argumentis quae in Rhetoricis commemorat Cicero.

A. x 36, nunc per ἀντικατηγορίαν ad accusationem alterius transit: ib. 38, secundum artem rhetoricam rem unam in duas divisit.

Finally I may refer the curious reader to the long criticism on A. XI 243 foll.

It would be interesting to know whether the fourth book of Macrobius, and remarks such as those which I have quoted from Servius, were taken from the book of our rhetorical worthies, Titianus and Catulinus.¹ Whether this is the case or no, there can be no doubt that this style of criticism is one of which Probus or any of the older commentators would have been ashamed, and is the characteristic offspring of an age in which all creative effort has died out.

It is in all respects more profitable to study the material common to the Verona scholia, Philargyrius, Macrobius, and Servius: material which I suppose to be, so to speak, the deposit which the scholarship of the first and second century had left. In dealing with this matter it is noticeable that the commentary of Servius, as compared with the notes of Macrobius or the Verona scholia, tends to abbreviate, to curtail, and to omit the names of authorities. Servius is on the whole a sound, but he is not a full commentator; and we should be fortunate indeed could we exchange all his work for the Verona scholia in their complete form. The value of his commentary is derived almost entirely from what it preserves of the earlier Roman scholarship; and the amount of this, judging by what a comparative method enables us to detect, is not inconsiderable.

19. THE BERNE SCHOLIA.²

These scholia profess to be copied from Roman commentaries (de commentariis Romanorum) by a Scot named Adanan, whom Ribbeck and Teuffel (472, 9) assign to the eighth century. This writer names as the three commentators from whom he has made extracts, Titus Gallus, Gaudentius, and Iunilius Flagrus of Milan. Iunilius Flagrus, who is mentioned by the compiler as his chief authority, is now generally identified by scholars with Iunius Philargyrius; a conclusion borne out by the general coincidence between the notes bearing the names of Philargyrius and Flagrus.

The compiler of these scholia was a Christian and fond of allegorizing, a process to which Servius and the older commentators are

¹ Dr. Lenke does not think this was the case.

² Scholia Bernensia ad Vergilii Bucolica et Georgica; ed. H. Hagen. In the Jahrbücher für classische Philologie, Suppl. iv.

generally averse. Of his authorities T. Gallus and Gaudentius, and their relations to the older commentators, it is very difficult to affirm anything with certainty. Comparing the notes attributed to Gallus with those of Servius, I find that while on G. 1 3 Servius and Gallus take opposite views, the two usually correspond, though not so closely as to preclude the hypothesis that one is independent of the other. For instance, on G. 1 13, Gallus adds a remark which is not in Servius, and so on G. 1 81. On G. 1 8, 149, their notes are to the same purpose, though expressed independently: elsewhere they are nearly identical.

Did Servius then borrow from Gallus, or Gallus from Servius? The fact that on one occasion their views are opposite, and that on others they are independently expressed, seems to point rather to their having both borrowed from the common store of Virgilian commentary which I have tried to show had been gathered by the end of the fourth century.

I am inclined to draw the same conclusion with regard to Servius and Gaudentius. Hagen thinks that Servius borrowed from Gaudentius as from Gallus; but although there are numerous instances where the notes of Gaudentius and Servius coincide, there are some where Servius is the fuller (E. VIII 21: G. 1 277, 284: IV 104, 111), others where, though Hagen see traces of borrowing, I should be disposed to say that the comments were independent (E. VI 79: G. IV 122).¹

Add to this the fact that Servius is never mentioned by name in the Berne scholia, nor Gallus or Gaudentius in the commentary of Servius.

Another indication which points to the conclusion that the authorities of the Berne scholia are independent of Servius and Servius of them is the fact that they several times preserve quotations from writers of authority of which Servius has no trace. Thus, on G. III 147, they in common with Philargyrius quote Nigidius Figulus De animalibus, while Servius has quite a different note. In other places they quote a passage which, though absent in Servius and Philargyrius, serves to fill up and complete the notes of the latter. Thus on G. III 89 our version of Philargyrius says 'ut poetae Graeci fabulantur,' the Berne scholia naming Alcman as the Greek poet. Here Servius again has quite a different note. Sempronius Asellio is cited by the Berne scholia alone on G. III 474, Caelius Antipater on G. II 197 (where Philargyrius' note is lost in our version), Asper on G. IV 238, Nigidius Figulus on G. 1 174, 428, 498 (in all of which passages, again, the notes of Philargyrius are lost), G. II 168, and Suetonius on G. IV 564. For other instances where the Berne scholia have notes of value I must refer to the commentary, where I have quoted from them whenever they offered anything worth preserving.

Readers who have had the patience to follow this essay thus far will

¹ E. VI 79, *Gaudentius*: Quod fecit Procne, hoc dicit Philomelam fecisse, licentia poetica ut Gaudentius dicit. *Servius*: Atqui hoc Procne fecit, non Philomela: sed aut abutitur nomine, aut illi imputat propter quam factum est. G. IV 122, *Gaudentius*: Cucumis, cucuminis, et huius cucumeris, dicitur, ut Gaudentius dicit. *Servius*: Cucumis cucumis: nam neoterici huius cucumeris dixerunt.

c THE ANCIENT COMMENTATORS ON VIRGIL.

be prepared for the conclusion at which I am inclined to arrive, that a large body of Virgilian learning had accumulated by the end of the fourth century A.D., the greater and by far the most valuable part of which was at least as old as the age of Trajan, and much even older; and that from these materials it was that the author or authors of the Verona scholia, Philargyrius, Macrobius, Servius, and the authorities followed by the Berne scholia, drew their information independently of each other. This hypothesis will I hope be found to account for the considerable number of instances in which they agree, and the number, perhaps hardly less considerable, in which they exhibit independence or divergence.

THE TEXT OF VIRGIL.

OUR authorities for the text of Virgil are twofold, the early manuscripts and the ancient commentators. Besides these two classes, we have many later manuscripts, most of which, however, are almost worthless.

I. The early manuscripts are seven in number, three fairly perfect and four fragments, all written in capital letters. These manuscripts are at least four centuries older than any other MSS. of Virgil, but their actual dates are not certain. The square or rustic capitals with which they are written are not easy to date with any precision, and, except the puzzling 'subscriptio' to the Medicean, we have no other evidence to aid our judgment. Usually, however, these MSS. are ascribed to the fourth or fifth centuries, and the mistakes with which they all abound—mistakes which in many cases imply a defective knowledge of classical Latinity—point with much probability to the end of the fourth or beginning of the fifth century. All these manuscripts appear to have been ultimately derived from one archetype, itself full of variants and corrections, but representing a text different from that followed by our second class of authorities, the ancient commentators.

These manuscripts are :

(1) *Med. or M.*, the codex Mediceus, once at Bobbio, now in the Laurentian library at Florence (plut. xxxix 1). It commences at E. VI 48, and is complete for the rest of Virgil; it contains scholia (added in or after the seventh century) on the Eclogues, and at the end of the Eclogues the 'subscriptio' of Apronianus Asterius, dated A.D. 494. The relation of the 'subscriptio' to the MS. is uncertain: possibly it records a revision of the existing copy by Apronianus, and owes its place at the end of the Eclogues to the fact that this is the first blank page: in this case the manuscript must be earlier than 494 A.D. It has been corrected by several hands; these corrections are mostly either very early (denoted 'Med. corr.' in the commentary) or very late. It has been collated by Foggini (whom Ribbeck followed in his first edition), and more recently by Dr. Max Hoffmann (*Der Codex Mediceus*, Berlin, 1889), and, for parts of the Aeneid, by Henry (Aeneidea 1 xiv foll.): in the present volume Hoffmann is followed. The Medicean is usually held to be the best and most important of the early manuscripts.

(2) *Pal. or P.*, the codex Palatinus, once in the Palatine library at Heidelberg, now in the Vatican (No. 1631). It is complete, except for thirty-three leaves, which cause nine more or less serious gaps. According to Sir E. Maunde Thompson there is no reason for dating it later, at all events, than the fourth century. It and all the five following early MSS. have been collated by Ribbeck.

(3) *Rom. or R.*, the codex Romanus, brought to Rome by Angelo Politian, and now in the Vatican (No. 3867). It is complete, except for

eight serious gaps, and is probably of the same age as the Palatine, though the barbarisms in its text and the rudeness of its illustrations have led some scholars to put it in the sixth century or even later. (See Maunde Thompson's *Palaeography*, p. 187, and the facsimiles in the *Palaeographical Society's* publications, series 1.)

(4) Vat. or F., the *schedae Vaticanae* in the Vatican (No. 3225), ornamented with remarkable pictures, and belonging probably to the fourth century. They contain fragments of the third and fourth Georgics and the *Aeneid*.

(5) The Saint Gall fragments (G.) in the Saint Gall library (No. 1394), eleven leaves containing parts of the fourth Georgic and *Aeneid* I-VI. They belong probably to the fourth or fifth century.

(6) Ver. or V., the Verona fragments in the Verona library (No. 38), forty-one leaves of nearly illegible palimpsest, containing various parts of Virgil. They are assigned to the fourth century, and, besides being collated by Ribbeck, have been examined by Henry.

(7) Aug. or A., seven leaves partly in the Vatican (No. 3256), partly at Berlin, written in square capitals, and once ascribed, by Pertz, to the age of Augustus (whence styled 'codex Augusteus'), but really belonging, as it seems, to the later part of the fourth century. They contain Georg. I 41-280, III 181-220, and have been collated by Ribbeck and others.

Facsimiles of these manuscripts and further details may be found in Zangemeister and Wattenbach's *Exempla* (Heidelberg, 1876), plates 10-13, in the publications of the *Palaeographical Society*, I plates 86, 113-117, 208, and in Chatelain's *Paléographie* (Paris, 1887, Nos. 61 foll.).

II. The evidence of the ancient commentators is of great importance. The study of Virgil's text commenced in the first century with Hyginus and Probus (pp. lvi, lxi), and the preceding essay has shown that much of the material collected by Servius, Philargyrius, and the compilers of the Berne and Verona scholia is ultimately derived from writings of the first or early second century; readings mentioned in the commentators are, therefore, entitled to all consideration. Often these readings differ widely from the MSS. In G. I 408 Nonius and Servius on A. XII 304 have *formantur*, the MSS. *conflantur*; in II 247 Hyginus reads *amaror*, the MSS. have *amaro*; in III 177 Nonius adopts and Philargyrius mentions the form *mulgaria*, the MSS. have *mulctraria*; in III 415 Nonius and Servius have *gravi nidore*, the MSS. *graves*; in A. II 62 Nonius adopts and Servius mentions a reading *versare dolo* instead of *dolos*; in VII 773 the MSS. are divided, Probus has *Phoebigenam*; in A. VIII 147 Servius has *obfore*, the MSS. *adfore* or the like. The commentators, it is plain, had texts which differed from the archetype of our best MSS. To decide between the two is often difficult and sometimes impossible.

III. The manuscripts of Virgil written from the time of the Carolingian revival to the invention of printing are countless, but, for the most part, of no textual value whatsoever. The ninth century 'Gudianus,' the oldest MS. of Virgil after those mentioned in Class I, stands in close relation to the Palatine, and is of some use where the latter is defective: for a description of it see Ribbeck's *Prol.*, p. 228, Chatelain 68 A. A tenth century Berne MS. (Ribbeck's *a*, Berne No. 172) and a Paris MS. (No. 7929) perhaps stand in a similar relation to the 'Romanus.' A ninth (?) century MS. at Prague is sometimes quoted under the symbol

Π, but it is of little value (Kvřčala, Vergilstudien, Prag, 1878); Deuticke Jahresb., 1882, 112; Chatelain, 74 A.), and the great mass of cursive MSS. is practically worthless. Such valuable readings as are to be found in them are either derived from Servius and other commentators, or are such as might easily have been restored, if necessary, by conjecture. The term 'Ribbeck's cursives' has been used by Conington and others to denote the few comparatively useful cursives which Ribbeck and other editors after him admit to their apparatus criticus and textual notes.

The result is fairly satisfactory. We have in most cases the testimony of early manuscripts, and of the recension or recensions used by good grammarians and commentators, and this has preserved the text from any serious corruption. In most cases of doubt, we have a choice between two or more readings, any of which could be accepted without violation of grammar, sense, or taste, and the margin left for conjectural emendation is narrow. On the other hand, it must be remembered that Virgil himself left some things unfinished in the Aeneid: errors doubtless arose in the course of publication, and it would be absurd to suppose that the text we have is exactly that which Virgil left.

The following list (from Ribbeck's Prol., p. 454) shows which of the seven principal MSS. are available for the Eclogues and Georgics:

					<i>M</i>	<i>P</i>	<i>R</i>	<i>F</i>	<i>G</i>	<i>V</i>	<i>A</i>
E.	I	1	—	III	26	.	P	R	.	.	.
	III	27	—	+	52	.	P	R	.	.	V
	+	53	—	+	70	.	P	R	.	.	.
	+	71	—	IV	51	.	.	R	.	.	.
	IV	52	—	V	85	.	P	R	.	.	.
	V	86	—	VI	21	.	P	R	.	.	V
	VI	22	—	+	47	.	P	R	.	.	.
	+	48	—	+	86	M	P	R	.	.	.
	VII	1	—	VII	11	M	P	.	.	.	.
	+	12	—	+	37	M	P	.	.	.	V
	+	38	—	VIII	18	M	P	.	.	.	.
	VIII	19	—	+	44	M	P	.	.	.	V
	+	45	—	X	9	M	P	.	.	.	.
	X	10	—	end		M	P	R	.	.	.
G.	I	1	—	+	40	M	P	R	.	.	.
	+	41	—	+	280	M	P	R	.	.	A
	+	281	—	+	322	M	P	R	.	.	.
	+	323	—	II	1	M	.	R	.	.	.
	II	2	—	+	91	M	.	.	.	.	.
	+	92	—	+	117	M	.	.	.	.	V
	+	118	—	+	138	M	.	.	.	.	.
	+	139	—	+	215	M	P	.	.	.	.
	+	216	—	+	273	M	P	R	.	.	.

THE TEXT OF VIRGIL.

				<i>M</i>	<i>P</i>	<i>R</i>	<i>F</i>	<i>G</i>	<i>V</i>	<i>A</i>		
G.	II	274	--	+	299	M	P	R	F	G	V	A
		+	300	--	+	351	M	P	R	.	.	.
		+	352	--	+	377	M	P	R	.	.	V
		+	378	--	+	534	M	P	R	.	.	.
		+	535	--	+	542	M	P	R	.	.	V
	III	1	--	III	12	M	P	R	F	.	V	.
		+	13	--	+	21	M	P	R	F	.	.
		+	22	--	+	145	M	P	R	.	.	.
		+	146	--	+	180	M	P	R	F	.	.
		+	181	--	+	214	M	P	R	F	.	A
		+	215	--	+	220	M	P	R	.	.	A
		+	221	--	+	284	M	P	R	.	.	.
		+	285	--	+	348	M	P	R	F	.	.
		+	349	--	+	350	M	P	R	.	.	.
		+	351	--	+	401	M	P	R	.	.	V
		+	402	--	IV	36	M	P	R	.	.	.
	IV	37	--	+	96	M	P	.	.	.	.	.
		+	97	--	+	124	M	P	.	F	.	.
		+	125	--	+	152	M	P	.	.	.	.
		+	153	--	+	174	M	P	.	F	.	.
		+	175	--	+	180	M	P	.	.	.	.
		+	181	--	+	344	M	P	R	.	.	.
		+	345	--	+	419	M	P	R	.	G	.
		+	420	--	+	435	M	P	R	.	.	.
		+	436	--	+	461	M	P	R	.	.	V
		+	462	--	+	464	M	.	R	.	.	V
		+	465	--	+	470	M	.	R	.	.	.
		+	471	--	+	497	M	.	R	F	.	.
		+	498	--	+	521	M	.	R	.	.	.
		+	522	--	+	534	M	.	R	F	.	V
		+	535	--	+	548	M	.	R	F	G	V
		+	549	--	+	548	M	.	R	.	G	V
		+	550	--	+	566	M	.	R	.	G	.

P. VERGILI MARONIS
B U C O L I C O N

LIBER.

INTRODUCTION.

THE history of Pastoral Poetry shows us how easily the most natural species of composition may pass into the most artificial. Whatever may have been its earliest beginnings—a question¹ which seems to belong as much to speculation as to historical inquiry—it appears not to have been recognized or cultivated as a distinct branch till the Greek mind had passed its great climacteric, and the centre of intellectual life had been transferred from Athens to Alexandria. Yet as introduced into the world by Theocritus, if modern² criticism is right in supposing him to have been its real originator, it exhibits little of that weakness and want of vitality which might have been expected to distinguish the child of old age. It is a vigorous representation of shepherd life, with its simple habits, its coarse humour, its passionate susceptibility, and its grotesque superstition. But it was not long to retain this genuine character of healthy, dramatic energy. Already in the next age at Syracuse it began to show signs

¹ The theories of its origin resolve themselves into speculations like those of Lucretius (v 1382 foll.), as Heyne remarks in his treatise *De Carmine Bucolico*, prefixed to his edition. It is easy to see that music is a natural solace for a shepherd, and that the whistling of the wind through the reeds would suggest the use of the reed as a pipe.

² The names of the supposed pastoral poets who preceded Theocritus may be found in Heyne's treatise, or in the *Dictionary of Biography*, art. Theocritus. For a destructive criticism on their existence or claims to the title, see Näke's *Opuscula*, vol. i pp. 161 foll.

of failing power : and on its transference to Rome, these were at once developed into the unmistakable symptoms of premature constitutional decay. What it became afterwards is characteristically described in one of Johnson's sarcastic sentences. 'At the revival of learning in Italy,' he says in his life of Ambrose Philips,¹ 'it was soon discovered that a dialogue of imaginary swains might be composed with little difficulty : because the conversation of shepherds excludes profound or refined sentiment : and for images and descriptions, Satyrs and Fauns, and Naiads and Dryads, were always within call ; and woods, and meadows, and hills, and rivers supplied variety of matter, which, having a natural power to soothe the mind, did not quickly cloy it.' Arcadia, more famous among the ancients, at least before the time of Virgil,² for pastoral dulness than for pastoral ideality, became the poet's golden land, where imagination found a refuge from the harsh prosaic life of the present. Gradually the pastoral was treated as a sort of exercise-ground for young authors, who supposed themselves, in the words of an old commentator on Spenser,³ to be 'following the example of the best and most ancient poets, which devised this kind of writing, being both so base for the matter and homely for the manner, at the first to try their habilities : and as young birds that be newly crept out of the nest, by little first prove their tender wings, before they make a greater flight.' It was indeed little more than the form in which the poet made himself known to the world, the pseudonym under which it was thought decorous to veil his real style and title. His shepherds might preserve their costume, but their conversation turned on any thing which might be uppermost in his own mind, or in that of the public, the controversies of the Church,⁴ or the death of a royal personage. It was not to be expected that a thing so purely artificial could outlive that general questioning of the grounds of poetical excellence, which accompanied the far wider convulsions at the end of

¹ Lives of the Poets, Cunningham's edition, vol. iii pp. 262, 3.

² See Keightley's note on Virg. Ecl. vii 4.

³ Prefatory Epistle to Spenser's Shepheard's Calendar, addressed to Gabriel Harvey.

⁴ The affairs of the Church are touched on in two of Spenser's Pastorals, those for May and September. Ambrose Philips has a Pastoral on the death of Queen Mary.

the last century. Whether it is now to be registered as an extinct species, at least in England, is perhaps a question of language rather than of fact. The poetry of external nature has been wakened into new and intenser life, and the habits of the country are represented to us in poems, reminding us of the earliest and best days of the *Idyl*: but the names of *Eclogue* and *Pastoral* are heard no longer, nor is it easy to conceive of a time when the associations connected with them are likely again to find favour with Englishmen.

For this corruption probably no writer is so heavily chargeable as Virgil. Changes of the kind, it is true, are attributable as much to the general condition of the intellectual atmosphere as to any individual source of infection; the evil, too, had begun, as has been already remarked, before pastoral poetry had migrated from Syracuse. But in Virgil it at once attained a height which left comparatively little to be done by subsequent writers, though their inferiority in the graces of expression was sure to render the untruthfulness of the conception more conspicuous. They might make their poetical Arcadia, to borrow again the words of Johnson,¹ still more 'remote from known reality and speculative possibility': but it was scarcely in their power to confound worse the confusion which blended Sicily and the Mantuan district into one, and identified Julius Caesar with that Daphnis whom the nymphs loved, and whose death drew groans from the lions.

There is something almost unexampled in the state of feeling which at Rome, and in the Augustan age in particular, allowed palpable and avowed imitation to claim the honours of poetical originality. Pacuvius and Accius are praised not for having called out the tragedy which lies, patent rather than latent, in Roman history and Roman life, nor even for having made the legends which they derived from Greece the subject of original dramas of their own, but specifically for having applied² their wit

¹ *Lives of the Poets*, vol. ii p. 297. (*Life of Gay*.)

² 'Serus enim Graecis admovit acumina chartis,
et post Punica bella quietus quaerere coepit
quid Sophocles et Thespis et Aeschylus utile ferrent.'

(*Hor. Ep. II i 161*.)

to the writings of the Greeks, as to so much raw material, and adapted to the Roman stage the entertainments which had alternately delighted and terrified the populace of Athens. Horace invites attention to himself,¹ as an independent traveller along untrodden ground, not as having discovered any measure peculiar to the Latin language, any melody to which the thoughts of his countrymen would naturally vibrate, but as having been the first to display to Latium the capabilities of the Archilochian Iambic, the Alcaic, and the Sapphic. So Propertius² speaks of Thyrsis and Daphnis, and the rustic presents which shepherd makes to shepherdess, names and things copied precisely from Theocritus, as if they were actually a new world to which Virgil had introduced him and his contemporaries of the great city. Striking as the phenomenon is, the circumstances of the case enable us readily to account for it. The Roman knew only of a single instance of a national literature in the world: it challenged his allegiance with an undisputed claim, and his only course seemed to be to conform to it, and endeavour so far as he could, to reproduce it among his own people. It seems as if no parallel to such a mental condition could exist in our larger modern experience, where the very number of the models set before us corrects our admiration by distracting it, and forces us, as it were, in spite of ourselves, to interrogate that nature which underlies the many varieties of art. Yet we may realize something of the feeling if we go back to the time when the office of a translator ranked as high in English estimation as that of an original poet—when he that drew Zimri and Achitophel was thought to have added to his fame by his versions of Juvenal and

¹ ' Libera per vacuum posui vestigia princeps,
non aliena meo pressi pede. Qui sibi fidit,
dux regit examen. Parios ego primus iambos
ostendi Latio.' (Hor. Ep. I xix 21.)

² ' Tu canis umbrosi subter pineta Galaesi
Thyrsin et attritis Daphnin arundinibus,
utque decem possint corrumpere mala puellas
missus et impressis haedus ab uberibus.'

(Prop. III xxvi 67.)

The coarseness of the second couplet is characteristic, showing the sort of charm which Propertius found in a poem of rural life.

Virgil, and the preparation of the English Iliad and Odyssey occupied, perhaps not unworthily, ten of the best years of the mind which had produced the *Essay on Criticism* and the *Rape of the Lock*.

But whatever may be its susceptibility of explanation or illustration the fact is one which requires to be borne in mind by every student of the *Eclogues*. Without the spirit of allowance which we are ready to entertain as soon as we perceive that a peculiarity is not individual or occasional, but general, we should hardly be able to moderate our surprise at the numberless instances of close and indeed servile imitation which an attentive perusal shows us at once. It is one thing to accept broadly the statement that Virgil is a copyist, and quite another to follow him line by line and observe how constantly he is thinking of his guide, looking to him where a simple reliance on nature would have been not only far better, but far more easy and obvious, and on many occasions deviating from the passage immediately before him only to cast a glance on some other part of his model.¹ Tityrus, Galatea, Amaryllis, Corydon, Thestylis, Menalcas, Damoetas, Amyntas, Aegon, Daphnis, Thyrsis, Micon, Lycidas, are all names to be found in the muster-roll of Theocritus; and of those not included therein there is not one (if we except, what are really no exceptions, actual historical personages) which is not referable to a Greek, perhaps a bucolic original. Corydon addresses Alexis in the language used by Polyphemus to Galatea: boasts in the same way of his thousand sheep and his never-failing supply of milk: answers objections to his personal appearance in the same way by an appeal to the ocean mirror: paints in similar colours the pleasures of a rural life: glances similarly at the pets he is rearing for his love: and finally taxes himself for his folly, and reminds himself that there are other loves to be found in the world, in language which is as nearly as may be a translation from the eleventh Idyl. Menalcas and Damoetas rally each other in words borrowed from two neighbouring Idyls: two others supply the language in which they make their wagers:

¹ References to the various imitations from Theocritus will be found in the *Commentary*.

while a large proportion of the materials for their amoebean display is to be found in the same or other parts of Theocritus, scattered up and down. In the friendly rivalry of Menalcas and Mopsus the depreciation of Amyntas, the grief of the wild beasts for Daphnis, the epitaph, the apotheosis in most of its circumstances, the compliments which shepherd pays to shepherd, and the exchange of presents, are all modelled more or less closely after the Doric prototype. Corydon and Thyrsis are perhaps more original: yet even they owe something to Menalcas and Daphnis, as well as to one or two other Sicilian shepherds, not only in the antecedents, but in the contents of their songs; and the eminence to which Corydon is lifted by his success is similar, though inferior, to that attained by Daphnis. The dying Damon, or rather the lover whom Damon personates, recalls in the first part of his complaint the dying Daphnis, in the last the slighted Polyphemus: the enchantress who is represented by Alphisiboeus is the same who in the second Idyl employs even more charms to bring back Delphis, though the success which this time crowns her efforts is new. Moeris and his companion, like Meliboeus and Tityrus, talk about a subject which, being part of Virgil's personal history, could not but be his own: yet even they supply us with reminiscences from Sicily, partly in the things which they say to each other, partly in their quotations from the poet's unpublished verses. The dying Daphnis reappears once more in the dying or despairing Gallus: the complaint of the lover is indeed his own, but the circumstances which surround him are copied minutely from that song which Thyrsis, the sweet songster from Aetna, sang to the goatherd in the hot noon under the elm. Even this enumeration must fail to give any notion of the numberless instances of incidental imitation, sometimes in a single line, sometimes in the mere turn of an expression, which fill up as it were the broader outlines of the copy. And yet there can be no doubt that Virgil ranked as an original poet in his own judgment no less than in that of his contemporaries, and that on the strength of those very appropriations which would stamp a modern author with the charge of plagiarism. His Thalia, he proudly reminds us, was the first who deigned to disport herself in the strains of Syracuse, as that

was her first employment. And in the ninth Eclogue, where he grieves by anticipation, tenderly and gracefully enough, over the loss which the pastoral world would have sustained had he died prematurely, of the four fragments of his poetry which are singled out for admiration two are copies from Theocritus, and one of them, the first, so close a copy, and so slight, not to say trivial, in itself, that it can hardly have been instanced with any other view than to remind the reader of his success in borrowing and skilfully reproducing. It is, in fact, an intimation, made almost in express words, that he wished to be considered as the Roman Theocritus.

The impression left by such passages on the mind of a considerate reader is very much that which a modern author, writing without the restraint of verse, would seek to produce by a quotation or a direct reference. It is the commonplace of the art, used by a young artist: the writing at the bottom of the picture for fear the picture should not be recognized; the tones of the master imitated by the pupil because he thinks that there is no other way of speaking correctly. Theocritus might talk generally of the Muses and of bucolic song: to Virgil the Muses must be the Muses of Sicily, and the song the song of Maenalus. Even Bion¹ and Moschus, coming after Theocritus, had to appeal to Sicilian associations: how much more one not in possession of the links of sympathy imparted by a common country and common language, and an almost hereditary transmission of the poetical gift? And what is true of Virgil's relation to Theocritus is true to a certain extent of his relation to Greek writers generally and to the whole body of learning which he possessed. He had doubtless lived from boyhood in their world: and their world accordingly became a sort of second nature to him—a storehouse of life and truth and beauty, the standard to which he brought conceptions and images as

¹ λῆς νύ τί μοι, Λυκίδα, Σικελὸν μέλος ἀδὸ λυγαίνειν,
ἰμερόεν, γλυκῦθμον, ἔρωτικόν, οἶον ὁ κύκλωψ
ἄεισεν Πολύφαμος ἐπ' ἄόνι τῆ Γαλατεΐα;

(Bion, II 1.)

ἄρχετε, Σικελικαί, τῷ πένθεος, ἄρχετε, Μοῖσαι.

(Moschus, III 8.)

Moschus, however, was himself a Syracusan.

they rose up within him, the suggestive guide that was to awaken his slumbering powers, and lead him to discover further felicities yet possible to the artist. This habit of mind perhaps strikes us most in cases where it is most slightly and, it would almost seem, unconsciously indicated. More than one writer has remarked on Virgil's practice of characterizing things by some local epithet, as a peculiarity by which he is distinguished from the earlier Latin poets. Doubtless in many instances there is some special reason for the choice of the word : it may point to some essential attribute of the thing, or some accidental connexion with time and place which has a real significance in the context. But there are others where it is not easy to perceive any such relevancy. What appropriateness can there be in describing the hedge which separates Tityrus' farm from his neighbour's as having its willow-blossoms fed upon by the bees of Hybla,¹ or in the wish that the swarms which Moeris has to look after may avoid the yews of Corsica?² The epithet here is significant not to the reader but to the poet, or to the reader only so far as he happens to share in the poet's intellectual antecedents: it appeals not to a first-hand appreciation of the characteristics of natural objects, such as is open to all, but to information gained from reading or travel, and therefore confined to a few. And from what we know of the facts of Virgil's life we may safely conclude that, at the time of the composition of the Eclogues at any rate, his associations were those of a student, not those of a tourist. Nor would it be just to stigmatize the predilection which this indicates as merely conventional. It may be narrow, but within its limits it is genuine. There are some minds which are better calculated, at least in youth, to be impressed by the inexhaustibleness of Art than by the infinity of Nature. They may lack the genial susceptibility which in others is awakened immediately by the sight of the world without, and they may not have had time to educate their imperfect sympathies into a fuller appreciation ; but they respond without difficulty to the invitations of natural beauty as conveyed to them through an intervening medium, adapted by its own perfection for the transmission of the perfection which

¹ Ecl. i 55.

² Ecl. ix 30.

exists beyond. They see with the eyes of others, not with their own; but their soul nevertheless receives the vision. Over such minds the recollection of a word in a book has the same power which others find in a remembered sight or sound. It recalls not only its own image, but the images which were seen in company with it: nay, it may touch yet longer trains of association, and come back upon the memory with something like the force of the entire body of impressions originally excited by the work which happens to contain it. Even those who have held more direct intercourse with nature are not insensible to the operation of this secondary charm. Can any one who reads Milton doubt that the mere sound of the stately names of classic history and mythology exercised a real influence on the poet's fancy? And Mr. Tennyson has given us a testimony¹ to the constraining magic of Virgil's own language, where he speaks of himself as haunted during his journey from Como not by the thought of the overflowing lake, but by the 'ballad-burthen music' of *Lari Maxime*.

It is not, however, the existence of imitation alone, considered merely as imitation, that makes us speak of the Eclogues as unreal. Imitation involves the absence of reality, just as translation does, simply because the thing produced is not original: but it need not imply its destruction. But with the Eclogues the case is different. It is not merely that Virgil formed his conception of pastoral poetry from Greek models, but that he sought to apply it to Roman life. In the vocabulary of poetry, as he understood it, a shepherd was a Sicilian, or perhaps an Arcadian; therefore an Italian shepherd must be spoken of as an Italian Sicilian, and pastoral Italy as Sicilian Italy. Instances of this historical and geographical confusion meet us in every page of the Eclogues. The very fact that the names of the shepherds are invariably Greek would naturally be sufficient to warn us what we are to expect. The introduction of men called Meliboeus and Tityrus talking about Rome leaves us no room to wonder at any further mixture of incongruities. Yet the lengths to which this confusion is pushed have been overlooked by the majority of scholars; nor am I aware of any one, with the

¹ In his poem *The Daisy*.

exception of a writer in the *Quarterly Review* and Mr. Keightley,¹ who has set the matter in its true light. When Castelvetro, in the sixteenth century, asserted that the favourite trees of the *Eclogues*, the beech, the ilex, the chestnut, and the pine, do not grow about Mantua, subsequent critics were ready to reply² that the features of the country may have changed in the lapse of centuries, and that surely Virgil must know best. But such reasoning will hardly avail against the absence of the green caves in which the shepherd lies, or the briary crags from which his goats hang, or the lofty mountains whose lengthening shadows remind him of evening. These are the unmistakable features of Sicily, and no illusion of historical criticism will persuade us that they have changed their places, strange as it is to meet them in conjunction with real Mantuan scenery, with the flinty soil of Andes, and the broad, lazy current of the Mincio. The actual Mantua is surrounded by a lake: its pastoral counterpart, like Shakspeare's Bohemia, seems to be on the sea, the stillness of whose waters enables the shepherds to sing undisturbed, as in *Theocritus* it forms a contrast with the unresting sorrow of the love-sick enchantress. The same rule, if rule it can be called, is observed in the manners and institutions of the shepherds: there is the Italian element, and there is the Sicilian, added, as it were, to make it bucolic. The Pales of the Italians and the *Apollon Nomios* of the Greeks, as Mr. Keightley again points out, retire together from the country, which the death of *Daphnis* has left desolate: the two high-days of the shepherds' calendar are the Greek festival of the *Nymphs* and the Roman *Ambarvalia*. It seems not improbable that a similar account is to be given of the social position of the shepherds themselves, who, though living on terms of Arcadian equality, appear to be sometimes slaves or hirelings, sometimes independent proprietors: but the status of their brethren in *Theocritus* is itself a point which is apparently involved in some uncertainty.

¹ *Quarterly Review*, vol. iii p. 93; Keightley, *Notes*, p. 15.

² 'Fagum dicit pro natura loci: prope Mantuam et in agris Virgilii erant veteres fagi. Cf. *Ecl.* II 3, IX 9. Haeserunt nonnulli, quod hodie nullae sunt prope Mantuam, ut Holdsworth et alii. Sed non meminerunt XVIII saecula interjecta esse. In Libano hodie cedrorum exigua silva: olim omnis iis abundabat.' Spohn, quoted by Wagner on *Ecl.* I 1.

Such a systematic confusion of time, place, and circumstance, it will be readily admitted, goes far to justify the way in which Virgil has been spoken of in the opening of this essay as the great corrupter of pastoral poetry, if by pastoral poetry is meant a truthful dramatic representation of one of the simplest forms of life. How far it vitiates the character of the Eclogues as pure poetry, irrespective of the class to which they profess to belong, is a further question, and one which ought not to be decided till we have seen how much it may involve. If the Eclogues are to be condemned on this ground, it is hard to see how we are to excuse a work like *Cymbeline*. If the somewhat broad shield of the romantic drama is sufficient to cover the latter, room may perhaps be found under it for the former. No incongruity of which Virgil has been guilty can be so glaring or so fatal to those notions of reality which the very form of historical knowledge suggests as that produced by the juxtaposition of the modern Italian, not only with the legendary Briton, but with the Roman of the earlier empire. It is not that the laws of time and circumstance are simply violated, but that they are violated in such a way that the result appears to us inconceivable as well as false, two types, belonging to different periods of the same nation, and as such forming the subjects of an obvious historical contrast, being imagined for the moment to co-exist, not in the other world, as in the various Dialogues of the Dead, where this incongruity enters into the very idea of the composition, but in a world which, if not our own, resembles it in all its essential features as a theatre for human action and passion. Yet criticism seems now to be agreed that the very glaringness of such incongruities, though doubtless attributable as much to ignorance or recklessness as to any profound design, ought only to teach us to divest ourselves of all extraneous prepossessions, and examine the piece as a representation of human nature apart from the conditions of time, just as when we look at some of the early paintings our sense of beauty need not be ultimately disturbed by our consciousness that the actions portrayed in the two parts of the picture are obviously not simultaneous but successive. Virgil, of course, according to our ordinary nomenclature, is a classical, not a romantic poet; but the fact will hardly be held

to exclude him from the benefit of a similar plea, if indeed it should not suggest fresh matter for consideration with regard to the laws generally, and probably with justice, supposed to distinguish the two great schools of Ancient and Modern Art.

This, however, is not the only kind of confusion by which the pastoral reality of the Eclogues is disturbed or destroyed. Not only is the Sicilian mixed up with the Italian, but the shepherd is mixed up with the poet. The danger was one to have been apprehended from the first. So soon as pastoral poetry came to be recognized as a distinct species, the men of letters who cultivated it, perhaps themselves grammarians or professional critics, were likely to yield to the temptation of painting themselves in bucolic colours, instead of copying the actual bucolic life which they saw or might have seen in the country. They started from the position that shepherds, besides being subjects for poetry, were themselves singers and lovers of song; it was not difficult to convert the proposition, and assume that a pastoral singer might be spoken of as a shepherd. A symptom of this failing appears even in Theocritus, in whose seventh Idyl the speaker, describing himself as being in company with a poetical goatherd, modestly declines a comparison with the professed poets Asclepiades and Philetas, thereby intimating that he is himself a professed poet in disguise.¹ In Moschus the identification is more consciously realized.² Bion is bewailed as the ideal herdsman, for whom Apollo and the wood-gods wept, whose strains drew looks of love from Galatea, and whose pipe even the lips of Pan may scarcely touch. Those, however, who wish to see to what extent it may be interwoven with the texture of a series of poems, should look for it in the Eclogues. They will not have very far to seek; indeed it meets them at the very threshold. Nothing but the extreme awkwardness of the manner in which it is introduced into the first Eclogue could have prevented the critics from recognizing it at once. As it is, they

¹ οὐ γάρ πω, κατ' ἐμὸν νόον, οὔτε τὸν ἰσθλὸν
Σικελίδαν νίκημι τὸν ἐκ Σάμῳ, οὔτε Φιλητάν,
αἰείδων, βάτραχος δὲ ποτ' ἀκρίδας ὡς τις ἐρίσδω.

(Theocr. VII 39.)

² ὅτι Βίων τίθησεν ὁ βοσκὸς. (Moschus, III 11: but see the whole context.)

have passed it over in their search for something more recondite and more creditable to Virgil. Their view, as elaborated by the latest commentators,¹ is that Tityrus is a supposed farm-slave perhaps a bailiff of Virgil's, who, going to Rome to purchase his freedom, receives the welcome assurance that his master's property is to be undisturbed in the general unsettlement; the obvious truth is (I am stating not my own discovery but that of my former coadjutor) that the notions of the enfranchised slave and the poet secured in his farm, the symbol and the thing symbolized, are actually blended together, so that the narrative is at one time allegorical, at another historical, Tityrus going with his earnings to his master, and receiving for answer, 'You shall not be dispossessed by my soldiers.' The same conventional conception reappears in other places, though it is nowhere else so clumsily managed. Menalcas, the poet-shepherd, of the ninth Eclogue, whose strains were so nearly lost to the world, is admitted on all hands to be Virgil himself. In the opening of the sixth, Virgil is once more the shepherd Tityrus, who is taught by Apollo that a shepherd's duty is to make his sheep fat and his verses thin. If Virgil is a shepherd because he is a poet, his friends, as being poets themselves, or at least friends of a poet, must be shepherds too, and the times upon which he has fallen must be described by pastoral images. Gallus, the soldier and elegiac poet, already introduced among the heroes of mythology in the sixth Eclogue, appears in the tenth as the dying shepherd of Theocritus, languishing under the shelter of a rock, and consoled by the rural gods; he is at the same moment in Italy and in Arcadia, acting with Octavianus against Sex. Pompeius, and bewailing his lost love in the ears of ideal swains. Whatever may be the ultimate source of the inspiration which animates the fourth Eclogue, and whoever the child shadowed forth as the king of the peaceful world, the poem is evidently a description of the new era supposed to be inaugurated in Pollio's consulship by the peace of Brundisium; but the golden age is represented as a golden age of pastoral life, where art is to be nothing and nature every thing, a recollection of the legendary

¹ See, for instance, Wunderlich, quoted by Wagner at the end of Heyne's Argument of Ecl. 1.

past in Hesiod converted into an anticipation of the historical future. So the Daphnis of the fifth Eclogue is evidently the great Julius, as the similarity of the images to those in the preceding poem is sufficient to show; it is a pastoral poet that celebrates him, and therefore he must be celebrated as a shepherd, wept by all nature in his death, powerful and honoured as a rural god in his immortality. Even where the poems appear at first sight to be purely dramatic and impersonal, the poet is still visible. Menalcas, an actor in the fifth Eclogue, announces himself at the end of it as the author of the second and third; in the ninth (v. 19) an intimation is made from which we infer that the fifth also is really his work, the song of Mopsus no less than his own. The second Eclogue is one which we should gladly believe to be purely ideal, instead of shifting the tradition which professes to verify it: nor need we be anxious to think with Servius that the song of Silenus to the shepherds is really an epicurean lecture delivered by Siron to his pupils. But when we find shepherds rivalling each other for the favour of Pollio, and lampooning Bavius and Maevius, we feel that jealousy for the poet's credit as a painter of life is rather a misplaced sentiment.¹

It is as an artist that Virgil appears chiefly to challenge our admiration, as in his other works, so also in the *Bucolics*. The language, indeed, which he puts into the mouths of his pastoral personages is for the most part as undramatic as the thoughts which that language expresses are conventional and unreal. In a very few instances he attempts to produce an appearance of rusticity by an archaism, a proverb, a conversational ellipse, a clumsy circumlocution; ² even there, however, he seems to be

¹ It may be said that in Milton's *Lycidas* the Virgilian confusion of shepherd and poet is turned into mere chaos by the introduction of a third element, the Christian shepherd or minister. There is, however, this difference, that the object, no less than the effect, of the poem is not to describe pastoral life, but to paint student life in pastoral colours. The tenth Eclogue might take the benefit of the same distinction, if we could separate it in our judgment from the rest. Milton's use of mythology might afford another ground for comparison with Virgil: but the subject is too large for a note.

² See Gebauer's *De Poetarum Graecorum Bucolicorum*, imprimis Theocriti, Carminibus in Eclogis a Vergilio adumbratis, Libri Duo (Leipsic, 1861), pp. 8 foll., a valuable monograph, of which I believe only the first volume has yet appeared.

There is a passage in Wycherley's commendatory lines on Pope's *Pastorals*

copying Theocritus, rather than following the nature which he had seen around him, and the strain in which his shepherds usually converse is scarcely less elaborate than the ordinary diction of the *Georgics* or the *Aeneid*. So in the practice of the Greek poets the bucolic hexameter had a structure of its own: ¹ as handled by Virgil it does not differ from the didactic or the epic. Yet a more poetical people than the Romans might be pardoned if they forgot their sense of dramatic propriety in the delight with which they welcomed such specimens of language and versification as those which the *Eclogues* every where exhibit. The tedious labour of the file, the absence of which is deplored by Horace ² as fatal to the excellence of Roman poetry, had at last found an artist who would submit to it without complaining. The finished excellence of his workmanship is a fact which will not be readily impeached or overlooked, though its

which is worth quoting, not only for its own ingenuity, but as expressing the view taken by Pope and his friends of the language in which pastoral poetry should be written—a view probably not very unlike Virgil's own, *mutatis mutandis*.

' Like some fair shepherdess, the silvan Muse
Should wear those flowers her native fields produce,
And the true measure of the shepherd's wit
Should, like his garb, be for the country fit:
Yet must his pure and unaffected thought
More nicely than the common swain's be wrought:
So with becoming art the players dress
In silks the shepherd and the shepherdess,
Yet still unchanged the form and mode remain,
Shaped like the homely russet of the swain.'

See also Pope's discourse on Pastoral Poetry, prefixed to his *Pastorals*, where he lays down practical rules for bucolic writing, and his ironical comparison of his own *Pastorals* with Philips' (*Guardian*, No. 40), where the doctrine that shepherds ought to deal in proverbs is not forgotten.

¹ See Gebauer, pp. 70 foll., where too much is perhaps made of the instances—not more than 240 lines out of the whole number—in which the bucolic caesura is preserved. It is evident that Virgil set no store by it whatever as a necessary law of composition: that he should have employed it in the *Eclogues* more frequently than in the other two poems, is no more than is natural in a young writer just beginning to form his versification, and at the time familiar with the cadence of Theocritus. Gebauer, however, has done good service in pointing out throughout his work instances in which Virgil, without distinctly imitating Theocritus, has taken a hint from him in language or versification. Such inquiries are apt to seem tediously minute: but they cannot be safely overlooked by any one who would really appreciate the art of such a writer as Virgil.

² Hor. Ep. II i 167, *Ars Poet.* 290.

importance may easily be underrated. We are apt, perhaps, not sufficiently to consider what is involved in the style or diction of poetry. We distinguish sharply between the general conception and the language, as if the power which strikes out the one were something quite different from the skill which elaborates the other. No doubt there is a difference between the two operations, and one which must place a poet like Virgil at a disadvantage as compared with the writers whom he followed ; but it would be a mistake to suppose that imagination may not be shown in the words which embody a thought as well as in the thought which they embody. To express a thought in language is in truth to express a larger conception by the help of a number of smaller ones ; and the same poetical faculty which originates the one may well be employed in producing the other. It is not merely that the adaptation of the words to the thought itself requires a poet's sense, though this is much ; but that the words themselves are images, each possessing, or capable of possessing, a beauty of its own, which need not be impaired, but may be illustrated and set off, by its relative position, as contributing to the development of another and more complex beauty. It is not necessary that these words, in order to be poetical, should be picturesque in the strict sense of the term ; on the contrary, it may suit the poet's object to make a physical image retire into the shade, not advance into prominent light : but the imagination will still be appealed to, whatever may be the avenue of approach—by the effect of perspective, by artful juxtaposition, by musical sound, or perhaps, as we have already seen, by remote intellectual association. The central thought may be borrowed or unreal, yet the subordinate conceptions may be true and beautiful, whether the subordination be that of a paragraph to an entire poem, a sentence to a paragraph, or a phrase or word to a sentence. It is, I conceive, to a perception of this fact, and not to a deference to any popular or mechanical notion of composition, that the praise of style and execution in poetry is to be referred. Poetry is defined by Coleridge¹ to be the best words in their right places ; and though at the first statement his view may appear disappointing and inadequate, it

¹ Table Talk.

will perhaps be found that further consideration will go far towards justifying its truth.

If the Augustan age is, as it is allowed to be by common consent, the epoch of the perfection of art as applied to Latin poetry, that perfection is centred in Virgil and Horace. Ovid, the third great representative poet of his time, sufficiently indicates that even then a decline had begun; and Tibullus and Propertius, though free from his faults, are scarcely of sufficient eminence to be regarded as masters in the school of style. But Virgil and Horace, like Sophocles among Greek poets, constitute the type by which we estimate the poetical art of their nation, the mean which every thing else either exceeds or falls short of. It is not that we consciously fix upon any qualities in them which attract our admiration, but rather perhaps, on the contrary, that there seems to be nothing prominent about them; the various requisites of excellence are harmoniously blended, without exaggeration, and the mind receives that satisfaction which refuses to be asked how it came to pass. Their style is sufficiently characteristic not to repel imitation, though with many of its most successful imitators the process is doubtless mainly intuitive: yet, on the other hand, it is not so peculiar as to render imitation an act of ridiculous presumption. Less frequently pictorial than that which preceded it, the style of Lucretius and Catullus, it is at the same time more artistic: single sentences are not devoted to the uniform development of a particular effect, but a series of impressions is produced by appeals made apparently without any principle of sequence to the different elements of the mind, sense, fancy, feeling, or memory, and the task of reducing them to harmony is left to the reader's sympathizing instinct. It is a power which appears to deal with language not by violence, but by persuasion, not straining or torturing it to bring out the required utterance, but yielding to it and, as it were, following its humours. Language is not yet studied for its own sake: that feature belongs to the post-Augustan time of the decline of poetry: but it has risen from subordination into equality, and the step to despotic supremacy is but a short one.

To enumerate the felicities which are to be found in the

Eclogues would be endless, as it would perhaps be superfluous in an essay intended to be introductory to the perusal of the poem in detail. Where I have been sensible of them, I have generally endeavoured to indicate them in the commentary, though I fear that through brevity and other faults of expression I have not always succeeded in conveying the impression I desired. The chief instance, in my judgment, of sustained and systematic art is that presented by the fourth Eclogue, to the notes on which I would accordingly beg to refer the reader. In this place, however, it may be worth while to illustrate my meaning by a brief review of those passages in the Eclogues in which external nature is represented as in sympathy with the joys and sorrows of pastoral life. The frequent repetition of the notion may speak ill for Virgil's capacity of invention: the variety with which it is presented, extending not merely to form, but to colour, is a signal witness to the modifying power of his fancy. Let us look at the two passages, in some sort parallel, where pines and springs call for the absent Tityrus, and where mountain and vineyard shout in the ears of Menalcas the apotheosis of Daphnis. The former, properly understood, seems to be a piece of graceful raillery, reminding the gardener that while he was away his trees were undressed, and the boars, perhaps, wallowing in his springs. The latter has a grandeur about it recalling the sublimity of Jewish prophecy, at the same time that we are apparently intended to think not only of nature endowed with human feeling, but of actual human joy, the joy of the traveller on the mountain and of the vine-dresser under the rock. Even the epithet *intonsi montes* would seem to have a double reference: in one of its aspects it suggests the notion of a pathless wild, and thus brings out the universality of the rejoicing: in another it makes us feel with nature as it were against man, representing the mountains as glorying in that strength which nature gave and the reign of Daphnis will secure to them, as the fir-trees and cedars in Isaiah exult over the king of Babylon, 'Since thou art laid down, no feller is come up against us.' So the same changes in the order of nature are named at one time among the glories of the coming golden age, at another as effects of a general curse, which is to transfer the rights of the strong and beautiful to the weak and

contemptible. Under the reign of Daphnis the wolf is to spare the sheep: in the youth of the new-born ruler of the earth the oak is to distil honey: Pollio and his admirer are to dwell in a dream-land where spices grow on the bramble: yet it is in images like these that Damon hurls his dying scorn at the world where he has been robbed of his love. What can be more significant than the apparently casual epithet *arguta*, applied in the very first line of the seventh Eclogue to the tree under which Corydon and Thyrsis are about to sing? Or let us take the passage which serves as a comment on that epithet, the lines on Maenalus in Damon's song. Lucretius,¹ in his account of the origin of society and civilization, tells us that pastoral music must have been in the first instance an imitation of the sound of the wind among the reeds: but the thought gains indefinitely when it is localized and transferred to Maenalus, 'whose forests are ever tuneful and his pines ever vocal, who is ever listening to the loves of shepherds, and to Pan, the first who would not have the reeds left unemployed.' The personification of the mountain gives both definiteness and majesty to the conception: the very fact that the connexion between vocal woods and shepherds' songs is hinted rather than expressed is an advantage even philosophically: and the mention of Pan supplies that mythological framework to which the theories of the ancients on the history of man primeval owe so much, not only of beauty, but of substance. A minute analysis of the language of the Eclogues is in truth a school of poetical criticism; and though the subtilty and complexity of the images involved may induce a practice of over-refining on the part of the inquirer, yet experience, I think, will show that the danger of giving Virgil credit for more than he had in his mind is far less than would be supposed by an ordinary reader.

There seems no reason to doubt that the order in which the Eclogues now stand is that in which Virgil himself arranged them, whatever bearing that may have on the question of their relative dates. The last line of the fourth Georgic, as Wagner remarks, even without the support of a similar notice by Ovid, establishes the fact that the first Eclogue was intended to stand

¹ Lucr. v 1382 foll.

first and give, as it were, its tone to the whole ; the exordium of the tenth Eclogue speaks for itself. For the titles of the various Eclogues, varying as they do in the different MSS., the grammarians are doubtless to be held responsible. The name *Eclogae*, which signifies merely select poems,¹ in this case the portions of the Bucolic volume, is to be referred to the same authority.

Some German critics, such as Gebauer, in the treatise already referred to, and Ribbeck,² have supposed themselves to have found the traces of symmetrical arrangement, amounting to something like strophical correspondence, throughout the Eclogues. That such a principle was present to Virgil's mind during the composition of some of them, the structure of the amoeban part of Eclogues III, V, VII, and VIII is sufficient to prove : nor does it seem an accident that the scraps of songs quoted in Eclogue IX fall into two pairs of three and five lines respectively ; but that is no reason for seeking symmetry in the Eclogues which are not amoeban, and torturing the text in order to bring it out.³ It is true that the sense is more frequently ended with the line in the Eclogues than in the Georgics or Aeneid, so that the appearance of an imperfect parallelism is sometimes produced ; but without stopping to inquire whether this may be connected with any tradition of bucolic music, which, though not accepted by Virgil as an invariable law, may still have influenced him, we may account for it sufficiently by considering that the hexameter, as handled by Lucretius and Catullus, is apt to present the same phenomenon of unbroken monotony, and that Virgil's earliest attempts at versification would naturally be characterized by a greater uniformity

¹ See Forcellini s. v. *Ecloga*. The irrelevancy of the term as applied to pastoral poetry led Petrarch to a curious emendation, *Æglogues*, which he accordingly gave as the title to his own Pastorals; and Spenser, among others, followed the example. Johnson, who remarks (Life of A. Philips) that the word can only mean 'the talk of goats,' not, as it was intended, 'the talk of goatherds,' might have remarked further, that no such formation could have existed in Greek. The French spelling *Æglogues* may be otherwise explained.

² [So more recently W. H. Kolster, *Vergils Eklogen in ihrer strophischen Gliederung*, Leipzig, 1882: Mr. Kolster's theories have met with little acceptance.]

³ Gebauer's theory obliges him in E. x 32, 33 to put a full stop after 'periti,' connecting the second 'Arcades' with the words that follow. Most readers will, I think, feel that the rhythmical beauty of 'soli cantare periti Arcades' is worth far more, to modern apprehensions at least, than any gain that can be supposed to accrue from the strophical arrangement of an entire Eclogue.

of cadence than his latest. In any case there can be no justification for resorting, as Ribbeck has done, to the hypothesis of interpolations on the one hand, and *lacunae* on the other. It is the trustworthiness of the MSS. that has preserved to us proofs of symmetry which had been overlooked for centuries, as in Eclogues v and VIII. Surely their authority is to be equally respected where they refuse to disclose any such proofs, especially when the two classes of cases are seen to be separated by an intelligible line.—J. C.

DATES OF THE ECGUES.

It is not possible to decide with certainty the date either of the composition of each Eclogue, or of the publication of the whole work. Virgil himself, at the end of the fourth Georgic, speaks of the Eclogues generally as the work of his youth, and this agrees with the statement of Asconius (quoted by Probus and Servius¹) that 'XXVIII annos natum bucolica edidisse' (42 B.C.).

The Eclogues themselves do not offer very much in the way of internal evidence. If the fifth Eclogue refers to Julius Caesar, it may be assigned to the year 43 or 42 B.C. In any case there is no doubt that the second and third are earlier than the fifth, and the fifth again than the ninth. The ninth cannot on any hypothesis be dated later than the year 40, and I have attempted to show in an *excursus* on this poem that it was written before the first, and immediately after the territorial confiscations of 41 B.C. The first cannot have been written earlier than the year 40, and may have received its finishing touches later. Virgil speaks there not only of the restoration of his farm, but of altars which he has erected in honour of Octavian (v. 43). Divine honours were not, so far as we know, publicly decreed to Octavian by the towns of Italy until 36 B.C. (Appian v 132). It is uncertain whether the language of the first Eclogue warrants us in inferring that they were paid to him by private individuals before this date, or whether the verses in question were added by Virgil as late as 36, or whether the whole poem should be assigned to this year.

¹ Probus, Life of Virgil, and preface to Commentary on the Eclogues: Servius, preface to Commentary on the Eclogues, and notes to Ecl. I 29, Georg. IV fin.

The date of the fourth Eclogue is fixed by that of Pollio's consulship (40 B.C.), the eighth may with almost equal certainty be assigned to 39, and the tenth has with much probability been referred to 37. The date of the seventh is unknown, and that of the sixth quite uncertain, though it is often connected with the third and ninth and thought to be a little later than them.

Suetonius (*Vita Vergilii*, 25), and after him Servius, say that Virgil wrote the Eclogues in three years: a statement probably based on the fact that the first Eclogue may be assigned to 40, and the last to 37 B.C.¹

Schaper (*Quaestiones Vergilianae*, i), followed by Baehrens, believes that the fourth, sixth, and tenth Eclogues were written in the year 27-25 B.C. and inserted by Virgil in a second edition of the *Bucolica*. I agree with Ribbeck in thinking that there are no solid grounds for this hypothesis. There is no hint in Suetonius or any other ancient authority² of a second edition of the Eclogues. The fourth Eclogue was referred by all the ancient commentators to the consulship of Pollio, the name of Pollio stands in the text, and can only be removed by violence. There is nothing again, either in the style or the matter of the sixth or tenth Eclogues, which can fairly be held to justify so strange a breach with an excellent historical tradition.³—H. N.

¹ [Deuticke (*Jahresbericht* 1896, 356) also doubts the three years. He observes that the Eclogues are said to have been written in 3 years, the Georgics in 7 (3 + 4), and the Aeneid in 11 (7 + 4), and suspects this symmetry.]

² Servius, in his *Life*, says, it is true, 'carmen Bucolicum . . . eum constat triennio scripsisse et emendasse.' But the word *emendasse* (used also by Servius of the Georgics) means only that Virgil put the finishing touch to the Eclogues, as he was prevented by death from doing to the Aeneid.

³ [Ribbeck, in the preface to his last edition (Lipsiae, 1895), gives B.C. 42-39 as the dates within which the Eclogues were written; he assigns the first to the summer of 41, the ninth to the autumn of the same year, the sixth a little later, the fourth to 40, the eighth to the early autumn of 39. Most recent writers agree more or less with him, as indeed all must who accept the statements that Virgil 'XXVIII annos natum bucolica edidisse' and 'triennio scripsisse.' M. Sonntag, *Vergil als bukolischer Dichter* (Leipzig, 1891) has tried to show that the carrying out of the land confiscations of B.C. 41 lasted some years, and that the first Eclogue may be assigned to the spring of B.C. 38: he supposes that six of the poems were written in 39, and I, VI, IX, and X added in 38 or 37. There is no real evidence for these conclusions, and Deuticke, Ribbeck, and other good critics very rightly reject them. Even the suggestion that E. 1 can be put as late as 38 seems improbable, though Deuticke inclines to accept it. Appian writes as if the settlement of the veterans in 41 B.C. had to be carried out at once, and a delay of three years is incredible.]

ECLOGA I. [TITYRUS.]

MELIBOEUS. TITYRUS.

THE historical groundwork of this Eclogue is the assignment of lands in Italy by the triumvirs to their veterans, in 41 B.C. Place had to be found without delay for upwards of 170,000 men (Appian, *Bell. Civ.* v 5), and universal confiscation resulted. The 'spoliation,' says Mr. Merivale (*History of the Roman Empire*, vol. iii p. 222), 'spread from the suburban lands to remote tracts, from municipal to private possessions. Even loyalty to the Caesarian party proved of no avail: the faithful Mantua shared the fate of its neighbour, the disaffected Cremona; and the little township of Andes, Virgil's birthplace, in the Mantuan territory, was involved in the calamities of its metropolis.' The story, as told in Servius' Commentary, is that Virgil went to Rome on the seizure of his property, and obtained from Octavian a decree of restitution, which however was rendered ineffectual by the violence of the new occupant, referred to in the ninth Eclogue, so that a second appeal for protection had to be made. [This is the traditional account, accepted by most modern critics. It is however possible, as is argued in the excursus to the ninth Eclogue, that the ninth Eclogue is earlier in time than the first, and that there was only one eviction (referred to in the ninth Eclogue) and one restoration (referred to in the first).—H. N.]

The speakers in the Eclogue are two shepherds, one of whom is enjoying rustic life, singing of his love and seeing his cattle feed undisturbed, when he is encountered by the other, who has been expelled from his homestead and is driving his goats before him, with no prospect but a cheerless exile. This is simple enough, but it is complicated by an unhappy artifice. The fortunate shepherd is represented as a farm slave who has just worked out his freedom: and this emancipation is used to symbolize the confirmation of the poet in his property. The two events, with their concomitants, are treated as convertible with each other, the story being told partly in the one form, partly in the other. See vv. 41 foll. and notes. This confusion arises from the identification of the shepherd and the poet, spoken of in the Introduction to the Eclogues: but in the present case its very grossness has prevented its being observed by the editors, who suppose Tityrus, like Moeris in *Ecl.* IX, to be Virgil's 'vilicus,' who goes to Rome to purchase his liberty of his master, and there hears from Octavian that his master's property is safe—a cumbrous hypothesis, and not really reconcilable with the language of the Eclogue. The earlier commentators, such as La Cerda and Catroux, did not feel this difficulty, but they created one for themselves in the shape of an allegory, according to which Tityrus' two partners, v. 30, stand for Rome and Mantua respectively. Trapp, in rejecting the allegory, himself supposes that the change of partners is intended to intimate a change of parties, Virgil's abandonment of the cause of the republicans for that of the triumvirs.

The scenery, as in other Eclogues, is confused and conventional, the beeches (v. 1), caverns (v. 75), mountains (v. 83), and rocks (vv. 15, 47, 56, 76) belonging to Sicily, while the marshy river (v. 48) is from Mantua. See Introduction to the Eclogues. In other respects the poem appears to be original, only the names Tityrus, Galatea, and Amaryllis, being borrowed from Theocritus.

M. TITYRE, tu|patulae|recubans|sub tegmine fagi
silvestrem|tenui|Musam|meditaris avena;
nos patriae|fines let dulcia|linquimus arva:
nos patriam|fugimus|tu, Tityre,|lentus in umbra
formonsam|resonare|doces|Amaryllida silvas. 5

T. O Meliboee, deus nobis haec otia fecit.

1-5. 'How is it that while I am wandering an outcast from my native fields, you are lying in the shade and singing like a happy shepherd of your mistress?'

1. Of the three principal MSS., the Medicean, Palatine, and Roman, the first is defective till E. vi 48.

Tityrus (*Τίτυρος*) is one of the Theocritean shepherds (Theocr. III ii foll.). The word is said to be the Doric form of *Σάτυρος*, being applied in the same way to designate a short-tailed ape. Another account, that it means a reed, was also received among the ancient critics (Schol. on Theocr. l. c.), and is supported by the words *τίτυριος* (*αἶλος*), *τιτυριστής*; but these may be explained by supposing that the name had come to have a conventional sense as a rustic minstrel. [Servius says, 'Laconum lingua tityrus dicitur aries major qui gregem anteire consuevit.'—H. N.]

2. 'Silvestrem,' pastoral; as 'silvae' is used for pastoral poetry, IV 3. Forbiger observes that the Italians pasture their cattle in summer among the woody slopes of the mountains. 'Silvestrem Musam' is from Lucr. IV 589, 'Fistula silvestrem ne cesset fundere Musam.'

['Tenui,' = 'humili' (Serv.) 'subtili' (Schol. Bern.).—H. N.] Comp. 'Agrestem tenui meditabor harundine Musam,' VI 8, where it is evident from the context that 'tenui' is meant to be in keeping with 'agrestem,' and to suggest simplicity and humility, at the same time that it is a natural epithet of the reed, like 'fragili cicuta,' v 85.

'Musam:' the Muse had come to be used for the song personified as early as Sophocles and Euripides, and the usage is frequent in Theocr.

'Meditar,' compose. Hor. S. I ix 2, 'Nescio quid meditans nugarum et totus in illis.'

'Avena,' not a straw (which would be absurd), but a reed, or a pipe of reeds, hollow like a straw. So 'stipula,' of a reed, III 27, though the word there is designedly contemptuous. Milton, however, in his *Lycidas* talks seriously of 'the oaten flute,' as he talks contemptuously of 'pipes of wretched straw.'

3. 'Patrios fines,' v. 67.

4. He repeats the contrast in an inverse order, so that we shall perhaps do best to put with Jahn a semicolon after v. 2, a colon after v. 3. Gebauer, p. 55, well remarks that this repetition is after the manner of Theocritus, comparing Theocr. IX 1-6, where the editors have been too ready to suspect interpolation. Comp. also Theocr. VIII 28-32.

'Fugimus,' *φείγομεν*, are banished.

'Lentus' = 'securus.' Comp. Ovid, Her. XIX 81, 'Certe ego tum ventos audirem lenta sonantis.'

5. 'Resonant mihi Cynthia silvae,' Prop. I xviii 31, probably in imitation.

['Formonsam,' Asper, p. 115. Keil: 'formosam,' Pal. Rom. Gud.; for Med. see VII 38.—H. N. See Wölfflin's Archiv v 196. The 'n' is not phonetic, but belongs to the original suffix: Brugmann's Grundriss, I p. 202, § 238.]

6-10. 'These rural liberties I owe to one whom I shall ever own as a god.'

6. Meliboeus is explained by Servius, *ὅτι μέλι ἀπὸ τῶν βοῶν*: analogy would rather point to *μέλι* as the first part of the compound. Perhaps the name was suggested by the geographical Meliboea, and adopted simply from its connexion with *βοῦς*. Comp. Alpheisboeus.

namque erit ille mihi semper deus; illius aram
 saepe tener nostris ab ovilibus imbuet agnus.
 ille meas errare boves, ut cernis, et ipsum
 ludere, quae vellem, calamo permisit agresti. 10

M. Non equidem invideo; miror magis: undique totis
 usque adeo turbatur agris. en, ipse capellas
 protenus aeger ago; hanc etiam vix, Tityre, duco.
 hic inter densas corylos modo namque gemellos,
 spem gregis, a, silice in nuda conixa reliquit. 15

'Otia,' peace: comp. Hor. A. P. 199, 'apertis otia portis.' The 'deus' is Octavian. This is probably mere hyperbole, though it heralds the adulation which treated a living emperor as a god. [See p. 21.—H. N.]

7. 'Eris mihi magnus Apollo,' III 104, 'Shall be honoured by me as a god,' softening the expression of the preceding line. Serv. comp. Lucan's adulation of Nero (I 63), 'Sed mihi iam numen.'

'Aram,' Theocr. Epig. I 5, βωμὸν ὁ αἰμάξει κεραὸς πρᾶγος ὄντος ὁ μαλλός.

9. 'Ille (mihi) permisit boves errare et ipsum ludere,' the infinitives standing in place of an accusative. This must not be confounded with our idiom, 'he permitted my cattle to feed at large and me to play,' where 'cattle' and 'me' are datives.

'Errare' implies security, as in Hor. Epod. II 13 (quoted by Emmenessius), 'Prospectat errantis greges.' In E. II 21 it implies wealth.

10. 'Ludere,' frequently used of poetry, VI 1, Hor. Od. I xxxii 2, half slightlying, as of a relaxation. So παίζειν.

11-18. 'Well, I do not grudge you your lot, but I wonder—such peace in the midst of such troubles. You see me wearily driving my flock—one of them has just dropped her young dead—not but that I might have foreseen this. But tell me about this god of yours.'

11. 'Magis' used for 'potius,' as in Lucr. II 428, 869, Catull. I. XVIII 30, where as here one assertion is rejected and another substituted; 'not this, but rather that.' [See Munro, Lucr. I 612.]

'Non equidem invideo,' κοῦτροι τι φθονέω, Theocr. I 62, which however refers to giving a present.

12. 'Turbatur,' the soldiers are spreading confusion. Rom. and Pal. have 'turbamur,' which is an old variant and was adopted by Heinsius. But it is condemned

by Serv., and Quintilian (I iv 28) and Consentius, p. 372, give 'turbatur.'

'Ipse' contrasted with 'undique totis agris.'

13. 'Protenus,' onwards; the primary meaning of the word. ['Protinus' Rom. 'Protenus' Pal. and Gud. as in Georg. IV I: and so Serv., who explains the word as = 'porro tenus,' seems to have read in his copy or copies. Nonius, p. 375 s.v. 'protinus,' says that wherever Virg. has 'protenus,' he uses it in the sense of 'porro, sine intermissione, continue,' and quotes this passage among others. An artificial distinction was made by some grammarians between 'protenus' and 'protinus,' it being supposed that 'protenus' was used of place, 'protinus' of time (Caper De Orth. p. 100, Keil, Schol. Bern. here). The notion may have arisen from the variation of spelling found in the text of Virg. A similar distinction is made by Fest. 258 between 'quatenus' and 'quatinus.'—H. N.]

'Aeger' applies probably both to body and mind. 'Duco,' the rest he drove before him, this one he leads by a cord.

14. 'Gemellos:' Emmen. quotes Theocr. I 25, III 34, where διδυματόκος is the epithet of a goat. Such goats were especially valuable from their quantity of milk.

The use of 'namque' so late in the sentence is of course peculiar to poetry (comp. A. v 733), though it is placed second in a sentence by Livy and later prose writers, unlike 'nam,' which in prose always comes first. ['Corulus' Rom. 'corylos' Pal.—H. N.]

15. The kids, being dropped on the stony soil, not on grass, would die soon after birth. Comp. G. III 297.

'Spem gregis,' 'spemque gregemque simul' G. III 473, 'spem gentis,' IV 162.

'Silice in nuda' expresses the character

saepe malum hoc nobis, si mens non laeva fuisset,
de caelo tactas memini praedicere quercus.
set tamen, iste deus qui sit, da, Tityre, nobis.

T. Urbem, quam dicunt Romam, Meliboeae, putavi
stultus ego huic nostrae similem, quo saepe solemus 20
pastores ovium teneros depellere fetus.
sic canibus catulos similes, sic matribus haedos
noram, sic parvis componere magna solebam.

of the soil, like 'lapis nudus,' v 47. To understand it (with Keightley) of the road paved with 'silex' is scarcely consistent with 'inter densas corylos.'

'Conixa,' stronger than the ordinary 'enixa,' denotes the difficulty of the labour.

16. From the parallel passage, A. II 54 (note), it would seem that 'non' goes with 'laeva,' not with 'fuisse.' 'Laevus,' Gk. *σκαῖός*, in the sense of folly.

17. 'Memini praedicere,' Madvig, Lat. Gr. § 408 b, obs. 2.

'De caelo tangi,' Livy XXV 7, etc. The striking of a thing or person by lightning was an omen of evil: Cic. De Div. I 10-12. Hence the practice of enclosing the 'bidental.' Pomponius says, on the authority of the lost works of ancient Grammarians, that the blasting of fruit-bearing trees was ominous, that of the olive being supposed to forebode barrenness, that of the oak banishment. If this could be established, it would fix the 'malum hoc' to be Meliboeus' exile, not the loss of the goat's twins.

After this line some editions insert, 'Saepe sinistra cava praedixit ab illice cornix;' but the verse is unknown to all Ribbeck's MSS. It is evidently made up from IX 15.

18. 'Da' for 'dic,' as 'accipe' for 'audi' (Serv.). 'Da . . . quae ventrem placaverit esca,' Hor. S. II viii 5.

'Qui:' [what (god) that god of yours is. In such sentences 'quis' is usually noun, who, and 'qui' is usually adj., what or what sort (= 'qualis,' as E. II 19, G. I 3). But the two are often interchanged: here 'qui' is which of the gods, while in A VII 38 'quis' is adj. = 'qualis' (contrast Cic. Att. VI i 23). See Madvig § 88 and the examples in Neue-Wagener Formenlehre II 430-436.]

19-25. 'Why, I used to think Rome differed from Mantua only as a dog does from a puppy, but I found it was much

more like the difference between a cypress and an osier.' Tityrus begins 'ab ovo,' in rustic fashion. This seems to have misled Apronianus, who thought Virg.'s deity might be not Octavian, but Rome.

21. 'Depellere,' or, in the full expression, 'depellere a lacte,' is to wean, III 82, VII 15, G. III 187, etc.: and some take it so here, reading 'quoi' for 'quo,' or even rendering 'quo,' 'for' instead of 'to which.' But the sense requires something equivalent to *going* to the city. 'Pellere,' for driving a flock, is found in 'compellere,' II 30, etc. The 'de' need not be explained by supposing that Andes was on a hill: it denotes the destination, as in 'deducere,' 'demittere navis (in portum),' etc. It may have been the custom in Columella's time to sell lambs very young, and it may be the custom now to sell them so young that they are obliged to be carried to the butcher: but these observations, though valuable as illustrations of the text, must not be allowed to override it. Keightley thinks Virg. may have misapprehended the technical sense of the word, not being a practical man. It might also be suggested that he may have wished to combine the notions of weaning and taking to market.

22. ['Haedos' Rom., 'aedos' Pal. Gud.—H. N.]

23. It may be questioned whether 'parvis componere magna' means to compare cities with dogs and goats, i.e. to argue from the latter to the former, or to compare the larger member of a class with the smaller: but the latter is more natural, and recommended by 'solebam.' 'Sic' then becomes emphatic; 'such were the comparisons I made.' Hdt. II 10 has *σμερὰ μεγάλοισι συμβαλεῖν*, Thuc. IV 36, *μικρὸν μεγάλῳ εἰκασαί*. 'Si parva licet componere magnis,' G. IV 176, of the bees and the Cyclopes.

verum haec tantum alias inter caput extulit urbes,
quantum lenta solent inter viburna cupressi. 25

M. Et quae tanta fuit Romam tibi causa videndi?

T. Libertas, quae sera, tamen respexit inertem,
candidior postquam tondenti barba cadebat;
respexit tamen et longo post tempore venit,
postquam nos Amaryllis habet, Galatea reliquit. 30
namque, fatebor enim, dum me Galatea tenebat,
nec spes libertatis erat nec cura peculi.

24. 'Extulit' seems to have a present force = 'elatum gerit.' Comp. A. II 257, N 262, notes. But it might be explained with reference to the time when Tityrus visited Rome—'I found her raising.'

25. The cypress, though not indigenous to Italy (Pliny XVI 79), was common there in Virgil's time, so that Keightley goes too far in censuring this allusion to it as unnatural in the mouth of a shepherd. Tityrus means to say that he found the difference one of kind.

['Viburna' wholly unknown. The genus *viburnum* of the modern botanists includes shrubs like the guelder rose and *laurustinus*, but there is no evidence that this use of the word rests on correct tradition. Apparently, however, some kind of shrub or brushwood is meant, above which the cyprus towers, as in many Italian landscapes.]

27-35. 'I went to buy my freedom, for which I had neglected to lay by during the better years of my life, while I had an unthrifty helpmate.'

27. Slaves saved their *peculium* to buy their freedom; and the less 'inertes' they were, the sooner they got the necessary sum. Tityrus, a farm-slave or bailiff, having saved enough, goes to buy his freedom from his owner, and the owner of the estate, who is living at Rome. Nothing can be less happy than this allegory in itself except the way in which it is introduced in the midst of the reality—the general expulsion of the shepherds, and the exemption of Tityrus through the divine interposition of Octavianus—which ought to appear through the allegory and not by the side of it.

'Sera, tamen respexit': Spohn comp. Prop. IV iv 5, 'Sera, sed Ausoniis veniet provincia virgis,' id. ib. xv 35, 'Sera, tamen pietas.'

28. 'Candidior,' growing gray. There

is some appropriateness, as Forb. remarks, in this manner of indicating time, as manumitted slaves shaved their beards. Serv., supposing Tityrus to be the youthful Virgil, suggests to take 'candidior' with 'libertas,' and so Wakefield. Note the difference of the tenses joined with 'postquam' here and in v. 30. 'Cadebat,' a continuing act now completed; 'habet,' an act still continuing; 'reliquit,' an act completed at once.

29. 'Respexit tamen:' this repetition of words, common to all poets, ought not to have led Heyne to suspect the line.

['Postempore' Pal. originally, and so Ribbeck (1894): see Lachmann and Munro, *Lucr.* IV 1186, 1252.—H. N. Comp. Georges, *Wortformen*, s. v.]

30. 'Since I got rid of the extravagant Galatea and took to the thrifty Amaryllis.' These were doubtless successive partners (*contubernales*) of the slave Tityrus. A pastoral, especially when drawn from slave life, must have its coarser sides. 'Galatea' in Theocr. (*Idyls* VI and XI) is a Nereid beloved by Polyphemus; and so she is elsewhere represented by Virg. (VII 37, IX 39). 'Amaryllis' (*ἀμαρύλλω*), Theocr. III 1.

32. 'Peculium,' here used for the private property of slaves, on which see Dict. Ant. s. v. *Servus* (Roman). Comp. Sen. Ep. LXXX (quoted by Lipsius on Tac. A. XIV 42), 'Quam (servitutem) mancipia quoque condicionis extremae et in his sordibus nata omni modo exuere canantur: peculium suum, quod comparaverunt ventre fraudato, pro capite numerant.' In the country it would naturally consist in cattle, even after the etymology of the word had been forgotten: and so 'victima . . . meis saeptis.' In Horace's appropriation of the words, A. P. 33b, 'peculium' perhaps refers, as Mr. Long sug-

quamvis multa meis exiret victima saeptis,
pinguis et ingratae premeretur caseus urbi,
non umquam gravis aere domum mihi dextra
redibat.

35

M. Mirabar quid maesta deos, Amarylli, vocares,
cui pendere sua patereris in arbore poma :
Tityrus hinc aberat. ipsae te, Tityre, pinus,
ipsi te fontes, ipsa haec arbusta vocabant.

T. Quid facerem? neque servitio me exire licebat, 40

gests, to the property which children might hold with their father's leave.

33. Fronto says that 'victima' denotes the larger beasts, 'hostia' the smaller.

'Saeptis,' fences or enclosures. Varro (R. R. I 14) 'De saeptis, quae tutandi causa fundi fiunt.' Here it = 'ovilibus,' just as the voting enclosures in the Campus Martius were called both 'saepta' and 'ovilia.'

34. 'Ingratae,' because it did not pay him for his trouble. 'Animi ingrata naturam pascere semper,' Lucr. III 1003. All that Tityrus did in those days seemed to be thrown away.

'Pinguis' with 'caseus,' not, as some have thought, with 'victima.' The less important thing requires an epithet to dignify it. Spohn refers to Colum. VII 8, from which it would seem that 'pinguis' would denote a cream cheese as distinguished from one made with milk ('tenui liquore').

35. So the author of the Moretum, v. 83, 'Inde domum cervice levis, gravis aere, redibat.' For this traffic with the country town, comp. G. I 273, III 400. Tityrus blames the unthrif of Galatea and his own recklessness which made him take no sufficient pains about making money by his produce, though he took it from time to time to Mantua. There is no reason to suppose that he squandered his earnings directly on Galatea, which would only complicate the passage, being not quite consistent with the blame thrown on the town, v. 34.

36-39. 'I remember well how you were missed, both by Amaryllis and by the property under your charge, though I did not then know that you were away.'

37. Amaryllis, in her sorrow, had forgotten her careful habits. She left the fruit hanging for Tityrus, as if no hand

but his ought to gather it. 'Sua' is well illustrated by Forb. from VII 54, 'Strata iacent passim sua quaeque sub arbore poma;' G. II 82, 'Miratur . . . non sua poma;' and A. VI 206, 'quod non sua seminat arbos.'

For 'poma' Rom. originally had 'mala:' in Gud. too 'poma' appears in an erasure.

38. 'Aberat:' the short syllable lengthened as in III 97, etc. [See the Excursus at the end of the third vol.—H. N.]

'Ipsae:' the various parts of nature called him back, because all suffered from his absence, pines (comp. VII 65), springs (comp. II 59, v 40), and orchards, all depending on his care. Thus there is a playfulness in the passage, which Virg. doubtless meant as a piece of rustic banter. No one, except perhaps Voss, who expresses himself inconsistently, seems to have perceived the meaning of this and the following line, which is not, according to one of Voss's explanations, that Amaryllis made all nature echo with her cries (in which case the enumeration of the different objects would be jejune); nor yet simply, according to the common view, that all nature sympathized with her, as in v 62 mountains, rocks, and trees rejoice in Daphnis' apotheosis, or as in x 13 bay-trees, tamarisks, and the pine-crowned Maenalus weep for Gallus, an image which would be too great for the present occasion.

40-45. 'I could not help leaving them both; my only chance was by getting to Rome. And there it was that I saw my deity, a glorious youth, to whom I pay divine honours. From his lips I received a firm assurance of security.'

40. 'Alio modo,' or something equivalent, is to be supplied from 'aiibi' in the next verse.

nec tam praesentis alibi cognoscere divos.
 hic illum vidi iuvenem, Meliboeae, quodannis
 bis senos cui nostra dies altaria fumant :
 hic mihi responsum primus dedit ille petenti :
 pascite, ut ante, boves, pueri ; summittite tauros. 45

M. Fortunate senex, ergo tua rura manebunt,
 et tibi magna satis, quamvis lapis omnia nudus

41. Virg. seems to be trying to blend the two ideas of the slave's master and Octavian with each other. 'Praesens' applied to a god means not so much propitious as powerful to aid ; the power of a heathen god being connected with his presence. Hence the word is applied to a powerful remedy, G. 11 127.

[Cognoscere, find.—H. N.]

42. There is no getting over the confusion between the slave going to buy his freedom of his master and the ejected freeholder going to beg restitution of Octavian. V. 45 is quite inapplicable to the case of the slave. Octavian is called 'iuvenis' again G. I 500 (note) and by Hor. Od. I ii 41. Juv. v 45 gives the same appellation to Aeneas (comp. A. IX 88). ['Quodannis' Pal. and originally Rom.—H. N. So Ribbeck.]

43. 'Bis senos dies,' i.e. twelve days in the year [perhaps once in a month.—H. N. Mr. Marindin refers to Tibull. I iii 34, 'reddere antiquo menstrua tura lari.'] The critics say that Octavian was to be worshipped among the Lares (Hor. Od. IV v 34, 'et Laribus tuum Miscet numen') ; but Cato R. R. 148 says that the 'Lar familiaris' is to be worshipped on all the Kalends, Nones, and Ides, which would make thirty-six days in all. The present 'fumant' is used because the sacrifices, which Tityrus intends to be annual, have already begun.

44. For 'responsum' as an answer to a petitioner, comp. Hor. Carm. Saec. 55, 'Iam Scythae responsa petunt superbi Nuper et Indi.'

'Primus' denotes the anxiety with which the response was sought ; it does not imply that any one else could have given it. Comp. A. VII 117, 'Ea vox audita laborum Prima tulit finem.' 'It was here that he gave me my first assurance.'

45. 'Pueri' is the common phrase for slaves, like $\mu\alpha\tau\epsilon\varsigma$ in Greek, and 'child' in old English. But observe how the alle-

gory is sustained. Tityrus goes to Rome with his money and asks his master to emancipate him : his master answers, 'You shall not be turned out of your land by my veterans.'

'Summittere,' to raise for breeding or propagation, both of animals and plants. Comp. G. III 73, 159, and instances from the *Scriptores Rei Rusticae* in Forcell. It should perhaps be strictly 'summittite vitulos' as in G. III 159 ; but 'taurus' for 'vitulus' is a very slight impropriety of expression, and indicates, moreover, the reason for which they were bred. Feeding cattle and breeding them is a very natural description of the grazer's business. Some have taken 'summittite' as 'summittite iugo,' i.e. 'domate,' and the line as an exhaustive description of farming. [Non. p. 389 M. takes 'summitto' here and in Georg. III 73 as = 'admitto,' and so Serv. on Georg. III 73.—H. N.]

46-58. 'Yes, you are happy ; poor as your land may be, you can enjoy it undisturbed and be content. Your flocks will be healthy, and you will live in the shade by the water, lulled by the hum of the bee, the song of the vine-dresser, and the cooing of the dove.'

46. 'Tua' is a predicate, like 'magna.' Wagn. refers to the phrase 'meum est,' as in IX 4. 'Manebunt' is also predicate, 'It is yours and yours for ever.'

47. You (Tityrus or Virgil) are content with your farm, though it is all covered with stones, and full of pools and rushes (so that no soldier need envy you its possession). 'Palus' is probably the overflowing of the Mincio ; VII 13.

'Omnia' can hardly be taken with 'pascua' : it must mean the whole farm, while the latter part of the description applies only to the pastures by the river. This disparaging clause presents a difficulty, which some have got rid of by supposing the words to refer to the condition not of Tityrus' own property, but of

limosoque palus obducat pascua iunco)
 non insueta gravis temptabunt pabula fetas, 50
 nec mala vicini pecoris contagia laedent.
 fortunate senex, hic, inter flumina nota
 et fontis sacros, frigus captabis opacum.
 hinc tibi, quae semper, vicino ab limite saepes
 Hyblaeis apibus florem depasta salicti
 saepe levi somnum suadebit inire susurro; 55
 hinc alta sub rupe canet frondator ad auras;

the lands about him, as in V 12; while others, seeing rightly that this was not the natural meaning of the sentence, have fancied that Meliboeus is made to speak in the character of a half-jealous neighbour, that so the poet may be able prudently to depreciate his own good fortune. That the feeling expressed is really the poet's, is likely enough; but it seems more natural to attribute its expression not to artifice, but to simplicity. Virg. puts the praise of his happy lot into the mouth of a neighbour whose distresses enable him to speak feelingly, and then goes on to dwell on his contentment in spite of drawbacks, forgetting that such an utterance of satisfaction would come appropriately from himself alone. It seems scarcely worth while with Keightley to connect the clause with what follows, 'quamvis . . . non insueta,' etc.

49. 'Temptabunt,' poison: so of a disease, G. III 441. The sense of 'fetus' has been doubted, as it may either mean pregnant or just delivered: but it appears to be fixed to the former meaning by the epithet 'gravis,' which must be equivalent to 'gravidas,' as in A. I 274.

50. 'Mala,' malignant; 'malum virus,' G. I 129. So the Homeric *κακή νόσος*: 'mala scabies,' Hor. A. P. 453, of a contagious disorder.

51. 'Flumina nota,' Mincio and Po, if we are to be precise.

52. 'Fontis sacros,' from the pretty superstition which assigned a divinity to every source and spring. So *ἱερὸν ὕδωρ*, Theocr. VII 136, 'Stratus . . . ad aquae lene caput sacrae,' Hor. Od. I i 22.

'Captabis,' II 8.

53. The supposed perplexities attending the construction of this sentence are all removed by Weise's suggestion of making 'quae semper' an elliptical relative clause in the sense of 'ut semper' (VI 15), like

'quae proxima, litora,' A. I 167 (note). 'Shall lull you to sleep as it has ever done.' 'Quae' then will be used here for the corresponding adverb 'quemadmodum,' like 'quo,' A. I 8, for 'quomodo,' 'si quem,' ib. 181, for 'sicubi.' 'Vicino ab limite' is thus seen to be an epexegetis of 'hinc,' a mode of expression which Wagn. has supported by various passages, e.g., A. II 18, 'Huc . . . includunt caeco lateri.'

54. Keightley remarks on 'Hyblaeis,' that it is a favourite practice of the Latin poets of the Augustan and later periods, to give things the name of the people or place famed for them, e.g. V 27, 29, IX 30, X 59. It may be set down as one of the characteristics of an artificial school, the writers of which recognize common-places as such, and find the poetry of objects rather in external, especially literary, associations than in any thing which they suggest to the mind directly.

'Salictum,' abbreviated form of 'salicetum,' used in prose as well as poetry.

'Depasta' might very well be used for 'depasta est,' but 'depasta est' could not be used for 'depascitur.'

55. The 'susurrus' comes partly from the bees, partly from the leaves, the latter as in Theocr. I I, *ἀδύ τι τὸ ψιθύρισμα καὶ ἂ πύρις, αἰπόμε, τήνα, Ἄ ποτὶ ταῖς παγαῖσι μελίσδεσαι*.

56. The 'frondator' (Catull. LXIV 41) dressed the trees by stripping them of their leaves, which were used for the fodder of cattle. Comp. IX 60, and the whole passage G. II 397-419. There is no need to settle whether the leaves here meant are those of the 'arbustum,' as the same person would naturally strip all the trees in a farm like that of Tityrus, though we may still illustrate 'alta sub rupe' by comparing G. II 522, 'Mitis in apricis coquitur vindemia saxis.' The words are per-

nec tamen interea raucae, tua cura, palumbes,
nec gemere aëria cessabit turtur ab ulmo.

T. Ante leves ergo pascentur in aethere cervi,
et freta destituent nudos in litore pisces,
ante, pererratis amborum finibus exul
aut Ararim Parthus bibet aut Germania Tigrim,
quam nostro illius labatur pectore voltus.

60

M. At nos hinc alii sitientis ibimus Afros,

haps from Theocr. VIII 55, ἀλλ' ὑπὸ τῆ
πίτρα ῥᾶθ' ἄσσομαι.

'Canet ad auras,' fill the air with his
song; comp. A. VI 561, 'quis tantus
plangor ad auras?' The description, as
Spohn remarks, points to the month of
August, from the mention not only of
the 'frondatio' (comp. G. II 400, Col.
XI 2), but of the cooing of the wood-
pigeons during incubation. See note on
next verse.

57. 'Tua cura,' 'your delight:' X 22,
'tua cura, Lycoris.' Pliny makes the
cooing of the wood-pigeons a sign that
autumn is coming on, XVIII 267, 'Palum-
bium utique exaudi gemitus. Transisse
solstitium caveto putes, nisi cum incuban-
tem videris palumbem.'

58. The Romans kept turtle-doves on
their farms, Varro R. R. III 8, Col.
VIII 9, Pallad. I 25. 'Ulmo:' 'Nota
quae sedes fuerat columbis,' Hor. Od.
I II 10.

59-63. 'Nature will change her course,
and nations their seats, before I forget my
benefactor.'

59. 'Ergo' is resumptive, as in G. IV
206 (note), Meliboeus' speech forming a
parenthesis.

One inferior MS. has 'in aequore'
[which is accepted by Ribbeck, who quotes
Ovid Met. XIV 37, Calpurn. VIII 75.] But
this (besides its want of authority) would
not agree with 'leves,' with which Wagn.
comp. A. V 838, VI 16.

The main idea of this passage is worked
up again in a different shape V 76, and,
in heroic style, A. I 607. Its source, as
Keightley remarks, is perhaps Hdt. V
92, Ἡ δὴ ὅ τε οὐρανὸς ἴσται ἐνερθε τῆς
γῆς, καὶ ἡ γῆ μετέωρος ὑπὲρ τοῦ οὐρανοῦ,
καὶ οἱ ἄνθρωποι νομὸν ἐν θαλάσῃ ἔξουσι,
καὶ οἱ ἰχθύες τὸν πρότερον ἄνθρωποι, ὅτε γε
ἰμεις κ.τ.λ.

60. 'And fishes shall dwell' on the
land.' The expression, as Keightley re-

marks, is not very happy, as there is
nothing wonderful in the sea's throwing
up the fish on the shore; but Virg. doubt-
less means to date the new life of the
fishes from its commencement. 'Desti-
tuent' with 'nudos.'

61. 'Pererratis amborum finibus' is an
obscure expression; but 'pererratis' seems
to = 'perruptis' or 'superatis,' with re-
ference to the wandering character of the
nations. 'Amborum,' of both nations:
A. VII 470, 'Se satis amobus Teucris
que venire Latinisque.' 'Exul' explains
'bibet:' he will live habitually as in his
own country.

62. The Arar (Saone) is a river of
Gaul, not of Germany: its source, how-
ever, in the high land connected with the
Vosges (Vogesus) is not very far from
Alsace, which in and before Virg.'s time,
as now, was inhabited by Germans. The
ancients, too, frequently confounded the
Germans and Celts. At all events the
error, whatever it may amount to, is
Virg.'s own, and not a dramatic touch of
rustic ignorance. Those who make such
defences should remember that a poet had
better commit a blunder in geography
than a platitude.

63. 'Before I forget the gracious look
he gave me.' The notion seems to be
that of a god's benign countenance.
'Cultus' is an ingenious, but by no means
necessary conjecture. A correction in
Pal. has 'labantur.'

64-78. 'We have to make a change
like that you speak of, wandering, it may
be, to the ends of the earth. Perhaps I
may never see my old home again; or, if
I do, it will be in the hands of a brutal
alien. I have laboured for another, and I
must now bid farewell for ever to the joy
of a shepherd's life.'

64. The thought of migration, as
Keightley remarks, is suggested by the
mode of expression just employed by

pars Scythiam et rapidum cretae veniemus Oaxen, 65
 et penitus toto divisos orbe Britannos.
 en, umquam patrios longo post tempore finis,
 pauperis et tuguri congestum caespite culmen,
 post aliquot, mea regna videns, mirabor aristas?
 impius haec tam culta novalia miles habebit? 70
 barbarus has segetes? en, quo discordia civis

Tityrus. 'You can talk of the migration of nations as a synonym for impossibility; we have to experience it as a reality.'

'Alii' answers to 'pars.' So 'pars . . . sunt qui,' Hor. Ep. I i 77.

65. ['Rapidum cretae Oaxen.' So Serv. 'quod rapit cretam: Oaxes fluvius Mesopotamiae . . . vel fluvius Scythiae: in Creta insula non est, sed est aqua cretei coloris.' The constr. 'rapidum cretae' is unique, but accepted by Ribbeck and Nettleship. The context suggests that the Oaxes is meant for a Scythian river, possibly Oxus or Araxes. Justin I viii 1 mentions a river Oaxes, crossed by Cyrus when invading Scythia, and Pliny VI 48 says the Oxus flowed from a lake Oaxus. Two other views have been taken of this line, neither satisfactory. (1) Many editors (including Conington) read 'Cretae,' translate 'the Oaxes of Crete,' and refer to the Cretan town Oaxus (Hdt. IV 154). But Crete is ridiculous beside the Sahara, Scythia, Britain, which signify the ends of the earth, and Oaxus is wholly insignificant. The argument that dispossessed Italians were or might have been sent to Crete, only makes Crete more unsuited to the context. (2) Schaper, who misses a preposition, conjectures 'certe veniemus ad Oxum.' But 'certe' is flat, and the preposition as superfluous as it would be in l. 64, or A. I 2.]

66. ['Toto divisos orbe,' sundered from the world.]

67. 'En, unquam:' [in republican Latin 'en' introduced a passionate question; so 'en unquam' in Plaut. and Ter. often. This is its use here, VIII 7; comp. 'en' alone, A. IV 534, VI 346, 'en haec promissa fides est?'] It acquired the sense of 'ecce' (probably from confusion with 'em') just at the end of the Republic, with Sallust and Virg. See Hand's Tursell. II 367; Ribbeck's Partikeln, p. 34; Wölflin's Archiv VI 25.]

68. 'Tugurium' (possibly connected with 'tego') is defined by Festus and

Pomponius (Dig. I xvi 180) to be a rustic, as distinguished from a town, dwelling.

69. Serv., the Berne Scholia, and early editors understand 'aristas' as 'messes,' = 'annos,' a sense found in Claudian 4 Cons. Honor. 372, 'decimas emensus aristas,' but in no more classical writer. Ribbeck, adopting it, comp. the Greek *ροιά*, and refers to Meineke Anal. Alex. 193 and on Theocr. III 31. But there would be considerable flatness in 'longo post tempore' followed by 'post aliquot aristas,' the stronger by the weaker. There is the objection, too, that 'aliquot' would naturally distribute 'aristas,' whereas the equivalent to 'messis' is the plural 'aristae,' not the singular 'arista.' The alternative is to take 'post' for 'posthac' (which is awkward after 'longo post tempore'), and construe 'aliquot mirabor aristas,' 'shall I see with wonder a few ears of corn'—the soldiers being supposed to be bad farmers, as in fact they were. This would greatly complicate the line, 'aliquot aristas' being in apposition to 'patrios finis' and 'tuguri culmen,' 'mea regna,' to 'aliquot aristas.' It is, however, the explanation preferred by Heyne and most modern editors. In that case we must suppose that two feelings are mingled in Meliboeus' question, a longing to return to his home, and a reflection that should he do so, he will find it impoverished.

70. 'Novalis' is used substantively both in the feminine and in the neuter. See G. I 71. It varies, too, in sense, being sometimes applied to fallow land, which is Varro's definition of it (L. L. V 4, § 39), sometimes to ground unbroken or ploughed for the first time. The latter seems to be its force here, so that there is a rhetorical contrast with 'tam culta'—'the ground which I have broken up for the first time and brought into excellent cultivation.'

71. [Both Caesar and Pompey had (contrary to custom and to Roman

produxit miseros! his nos consevimus agros!
 insere nunc, Meliboee, piros, pone ordine vitis.
 ite meae, felix quondam pecus, ite capellae.
 non ego vos posthac, viridi proiectus in antro, 75
 dumosa pendere procul de rupe videbo;
 carmina nulla canam; non, me pascente, capellae,
 florentem cytisum et salices carpetis amaras.

T. Hic tamen hanc mecum poteras requiescere noctem

sentiment) admitted provincials to the legions (Mommsen, *Hermes*, XIX 13), and provincials may thus have received land in 41. 'Barbarus' has, therefore, its full sense (and probably 'impius' should be taken equally precisely to mean stained with civil war). A fourth century inscription (C. I. L. v 923) contrasts 'barbarica legio' with troops levied in Italy. Usually this line is explained of foreign troops serving in the Roman armies, but the foreign auxiliaries were nothing unusual or monstrous to Roman eyes and they did not receive land in Italy.]

72. 'His nos' Pal., Rom. 'En quis,' the old reading, is found only in three of Ribbeck's cursives. Rom. has 'agris,' its original reading having been 'consuevimus agris.'

It seems best to take the words as an exclamation, expressing the result of 'en quo produxit:' these are the men for whom we have sown.

73. This sarcastic 'nunc,' with an imperative, is common, 'i nunc' being its usual form, as in [A. VII 425,] Hor. Ep. I vi 17, and other passages referred to by Jahn on Persius IV 19. 'With this before you, go on doing as you have done.' Grafting pears and planting vines stand for the ordinary operations of husbandry. Both processes are described in G. II. 'Insere, Daphni, piros,' XI 50, is said seriously.

74. 'Felix quondam' Rom., Serv.; 'quondam felix' Pal., Gud., which Ribbeck prefers.

'Ite capellae,' x 77. Meliboeus is going.

75. The farewell here resembles generally, though not verbally, that of Daphnis in Theocr. I 115 foll. For goats browsing in the thickets on the rocks, see G. III 315. 'Pendentis rupe capellas,' Ov. ex Ponto, I 9.

76. With 'viridi proiectus in antro' comp. above vv. 1, 4.

77. 'Me pascente' is merely 'me pastore,' not, as Martyn thinks, that the goats feed from his hand.

78. 'Cytisus' is the arborescent lucerne, which is common in Greece and Italy, and a favourite food of cattle and bees. Comp. II 64, x 30, etc. Keightley remarks that as the cytissus and shallows are plants of the plain, we may suppose that a different rural scene from the former is intended. Where, however, we see Greek and Italian scenery mixed, we may be prepared for confusion and indistinctness in details.

79-83. 'You had best stay the night with me, sleep on leaves, and sup on apples, chestnuts, and cheese. The smoke announces supper, and the evening is setting in.'

79. 'Poteras' (similarly used in Hor. S. II i 16, Ov. M. I 679) has been explained as though Meliboeus were moving off (comp. v. 75); but it is rather to be compared with 'tempus erat' ('nunc Saliarius Ornare pulvinare deorum Tempus erat dapibus, sodales,' Hor. Od. I xxxvii 2). It seems more pressing than the present—'you might as well stay.' Perhaps the account of the idiom is that it treats the time for action as almost gone, the wrong determination as almost formed, and so implies urgency. [Roby, 1535.] Tibull. III vi 53 has 'longas tecum requiescere noctes.'

The old reading was 'poteris' and 'hac nocte,' but 'poteris' is found only in II, and the strongest support for 'nocte' is II and a correction in Pal., which changes 'noctem' into 'nocte,' but leaves 'hanc' unaltered.

The invitation is from Theocr. XI 44 foll., ἄδων ἐν τώντρῳ παρ' ἐμῖν τὰν νύκτα διαξείς. Ἐντὶ δάφνει τῆναι κ.τ.λ.

fronde super viridi: sunt nobis mitia poma 80
 castaneae molles et pressi copia lactis.
 et iam summa procul villarum culmina fumant,
 maioresque cadunt altis de montibus umbrae.

80. 'On a couch of green leaves.'

81. 'Molles,' mealy, i. e. when they are roasted.

82. ['Poma,' 'castaneae,' and 'fumant' show that Virg. intended his readers to assign this Eclogue to the autumn. It does not necessarily follow, however, that

he actually wrote it in autumn. Allusions such as these or that in v. 15, which has been rashly referred to the spring, prove very little as to the time when the poem was composed.]

83. Comp. II 67.

ECLOGA II. [ALEXIS.]

A SHEPHERD gives utterance to his love for a beautiful youth, complaining of his indifference, urging him to come and live with him in the country, and finally upbraiding himself for his infatuation.

Parts of this Eclogue are closely modelled after the eleventh Idyl of Theocritus, where the Cyclops addresses Galatea in a similar manner. We should be glad, with Ribbeck, to believe it to be purely imaginary, though even then it is sufficiently degrading to Virgil. Suetonius, however, and Servius, have a story, also referred to by Martial (VIII 56, etc.) and Apuleius (Apol. p. 279, ed. Elmenhorst), that Alexis is intended for Alexander, a youth belonging to Pollio (Martial says Maecenas, but he can hardly have been then acquainted with the poet), and given by him to Virgil, who is supposed by Spohn to have written the Eclogue as a mark of gratitude to his patron.

Corydon and Alexis are probably fellow-slaves, though it is not easy to reconcile the various passages which seem to refer to Corydon's condition (vv. 2, 20-22, 57), and it is possible that Virgil may not have settled the point in his own mind, Corydon being in fact a mixture of the Theocritean shepherd and the Cyclops.

The beeches (v. 3) and mountains (v. 5) again point to Sicily, not to Mantua, and Sicily is expressly mentioned in v. 21.

This Eclogue is generally supposed to have been the first written. It was earlier than the fifth, and perhaps than the third (see Ecl. v 86, 87), and was, therefore, certainly one of the earliest.

FORMONSUM pastor Corydon ardebat Alexim,
delicias domini, nec quid speraret habebat.
tantum inter densas, umbrosa cacumina, fagos
adsidue veniebat : ibi haec incondita solus

1-5. 'Corydon had a hopeless passion for Alexis. Here is one of his solitary love plaints.'

1. The 'pastor,' as Keightley remarks, was one of the farm-slaves. 'Domini' then, v. 2, will be the common master of Corydon and Alexis. 'Corydon' is a shepherd in Theocr. Idyl IV. Among other instances of 'ardere' for 'perditte amare,' with an accusative, see Hor. Od. IV ix 13, 'Non sola comptos arsit adulteri Crines.' There is a similar use of 'perere' and 'deperere.' ['Formonsum': see I 5.]

Rom. and Gud. have 'Corydon pastor.'

2. An instance of rivalry between slave and master is mentioned Tac. A. XIV 42. Brunck read 'nec quod,' without authority. 'Non habeo quid sperem' differs from 'non habeo quod sperem,' as Madvig

remarks (§ 363, obs. 2), 'non habeo' in the former case having the force of 'I do not know.'

3. 'Tantum,' his only solace. 'Veteres, iam fracta cacumina, fagos,' IX 9. Spohn would remove the commas in each place, making 'cacumina' a dependent accusative, like 'Os umerosque Deo similis,' A. I 589: but the epithet 'veteres' at least would hardly support such an accusative, and the apposition between a thing and a prominent part of itself is not uncommon: e. g., 'iuvenes, fortissima pectora,' A. II 348.

4. Gallus (x 50) talks of solacing himself by singing verses which he has already composed: the strains of Corydon, on the contrary, are unpremeditated. The word, however, in Cic. and Livy, seems merely

montibus et silvis studio iactabat inani :

5

O crudelis Alexi, nihil mea carmina curas ?

nil nostri miserere ? mori me denique coges.

nunc etiam pecudes umbras et frigora captant ;

nunc viridis etiam occultant spineta lacertos,

Thestylis et rapido fessis messoribus aestu

10

alia serpullumque herbas contundit olentis.

at mecum raucis, tua dum vestigia lustrō,

sole sub ardenti resonant arbusta cicadis.

nonne fuit satius, tristis Amaryllidis iras

to mean artless, like 'versibus incomtis,' G. II 386.

'Solus' is better than 'solis,' a plausible conjecture of Drakenborch's, as making Corydon the principal object. So Prop. I xviii 30, 'Cogor ad argutas dicere solus aves.'

5. 'Iactabat,' raved. A. II 588, 'Talia iactabam et furia mente ferebar.'

'Inani,' bootless, because it was 'montibus et silvis.' It expresses also a prolonged purposeless lament, like 'incassum,' G. I 387, 'nequiquam,' ib. 403.

6-18. 'Alexis, I am desperate: mid-day and every thing living shelters itself from the heat; yet I am wandering under the sun in the hope of finding you. Never did I find the scorn of a loved one so hard to bear. You may be more lovely than others, but do not presume on it.'

6. Theocr. III 6, ὦ χαρίσσα 'Amaryλλι, id. XI 19, ὦ λευκὰ Γαλάτεια.

7. Theocr. III 9, ἀπάγασθαι με ποιησαίς. 'Coges' Rom., which agrees with 'denique,' and is supported by Theocr. 'Cogis' Pal., Gud.

8. 'Iam pastor umbras cum grege languido Rivumque fessus quaerit,' Hor. Od. III xxix 21; 'patula pecus omne sub ulmo est,' Pers. III 6; both descriptions of noon. In 'captant' and 'occultant,' as Keightley remarks, the frequentative may denote the multitudes seeking shelter.

9. Theocr. VII 22, Ἀνικα δὴ καὶ σαῦρος ἐφ' αἰμασιαῖσι καθέυδει. 'Rubum Dimovere lacertae,' Hor. Od. I xxiii 6. 'Lacertas' is the original reading of Pal.

10. 'Rapido aestu:' 'rapidus' in its original sense seems to be nearly a synonyme of 'rapax.' Hence it is applied to devouring seas, fire, and the scorching sun. Keightley on E. VII 66 has collected instances where 'rapax' and 'rapidus' appear to be used indifferently of seas and

rivers. In Lucr. IV 712 the MSS. give 'rapidi leones,' in id. V 892 'rapidis canibus:' there however 'rabidi,' 'rabidis,' are more probable. Le Clerc wished to read 'rabido' here, which shows how easily such criticism may be pushed into an extreme. The meaning 'swift' probably flows from 'rapere,' in the sense of 'hurrying away.'

'Thestylis,' Theocr. II 1.

11. She was making for them the mess called 'moretum,' which is described in the pseudo-Virgilian poem of that name. It was composed of flour, cheese, salt, oil, and various herbs ('herbas olentis') brayed together in a mortar. Keightley. Horace in his philippic against garlic, Epod. III 4, says, 'O dura messorum ilia!' 'Olentis' is applied equally to the stench of garlic and the fragrance of thyme.

12. 'I and the cicadas alone are stirring,' 'Cicadis' is the real subject, to be coupled with 'mecum,' though 'arbusta' is made the grammatical subject by the turn of the expression, and 'mecum resonant arbusta cicadis' is equivalent to 'mecum canunt cicadae.'

'Mecum,' like me, is found in G. I 41, II 8. But the sense here is not only with or like me, but with me alone: and we may compare the use of 'mecum,' 'tecum,' 'secum,' for 'by myself,' etc. Rom. has 'ac mecum.' [Ribbeck now follows Bentley and prints 'me cum.']

'Tua vestigia.' Corydon is trying to find Alexis, whom he supposes to be flying from him, vv. 60, 63, and examining his footprints. So 'vestigia lustrat,' A. XI 763.

13. Comp. G. III 338, where the 'cicadae' are loud at the fourth hour before the 'aestus medii' (v. 331). 'Arbusta' here, as there, are probably natural, not artificial.

14. 'Amaryllidis iras,' III 80.

atque superba pati fastidia? nonne Menalcan, 15
 quamvis ille niger, quamvis tu candidus esses?
 o formonse puer, nimium ne crede colori!
 alba ligustra cadunt, vaccinia nigra leguntur.
 despectus tibi sum, nec qui sim quaeris, Alexi,
 quam dives pecoris, nivei quam lactis abundans; 20
 mille meae Siculis errant in montibus agnae;
 lac mihi non aestate novum, non frigore defit.
 canto, quae solitus, si quando armenta vocabat,
 Amphion Dircaeus in Actaeo Aracintho.

15. The later editors suppose the grievance to have been that Amaryllis was scornful, Menalcas swarthy; but Corydon obviously contrasts the scorn of Alexis with that of his two former favourites, his passion for whom of course he wishes to paint strongly, anticipating an objection that Menalcas at least could not be put into comparison with Alexis, as being far less beautiful. The next lines accordingly are a sort of apology for dark beauty, like that in x 39.

16. 'Esses,' the tense refers properly to Menalcas, the former love, not to Alexis, though Virg., for brevity, expresses himself as if both had been objects of Corydon's affection at the same time.

'Quamvis' qualifies the two adjectives, 'however black, however fair.'

17. 'Color,' beauty, as consisting in colour. 'Nullus argenteo color est,' Hor. Od. II ii 1.

18. 'Ligustra,' privet.

'Vaccinia': Voss ingeniously supposes 'vaccinium' and *βάκινθος* to be the same word, [but this hardly agrees with III 62, 'suave rubens hyacinthus.' Others suggest the whortleberry, the Vaccinium myrtillus of Linnaeus, but this has light-coloured flowers, is rare in Italy, and hardly suits either v. 50, x 38, or Pliny XVI 77, who speaks of it as a good-sized shrub growing on wet ground. Its identification appears hopeless: see Bubani, Flora Virgiliana, p. 121; Gerard's Herbal, p. 1418].

'Cadunt,' are left to fall. Compare the use of 'iacent,' are allowed to lie without being picked up.

19-27. 'Yet I am not a man to be scorned. I have numerous flocks under my charge; I can sing like Amphion; and I am not uncomely.'

20-23. From Theocr. XI 34, where

the Cyclops boasts his pastoral wealth and skill in piping to Galatea. Hence too, perhaps, 'Siculis,' v. 21. Serv. and others take 'nivei' with 'pecoris,' but 'niveum' is a regular epithet of 'lac,' like *γάλα λευκόν* in Hom., Theocr., etc. So Ov. M. XIII 829, in an evident imitation of this passage, 'Lac mihi semper adest niveum.' If Corydon is a slave, we must suppose with Keightley that, in falling into the Cyclops' language, he is really thinking of the advantage he gets from having so much under his charge.

21. 'Mille meae agnae,' not 'a thousand of my lambs,' as Wagn. thinks, but 'a thousand lambs of mine' (Forb.).

22. Theocr. instead of perennial milk has cheese, which being soft cheese, unfit to keep, would imply a constant supply of milk. 'Frigore,' as *ἐν ψύχει*, Soph. Phil. 17, opp. to *ἐν θέρει*. The words do not merely mean 'I have new milk all the year round' (Wagn.), but 'milk does not fail me even at the most trying times; in summer when "lac praecipit aestus" (III 98), or in winter, which is the lambing season.' [Pal. has 'lact,' a form mentioned by Varro, L. L. v 104, etc.—H. N.]

23. 'Vocabat,' piped them home from pasture. Keightley refers to a pretty passage in Apoll. Rhod. I 575:

Ὄς δ' ὑπὸν ἀγραύλου κατ' ἔχνια ση-
 ματηρός
 Μυρία μῆλ' ἐφέπονται ἄδην κεκορημένα
 ποιῆς

Εἰς αὖλιν, ὃ δὲ τ' εἰσι πάρος σύργγι
 λιγίῃ

Καλὰ μελιζόμενος νόμιον μέλος.

Amphion and Zethus were brought up among the shepherds in ignorance of their divine birth.

24. Amphion was a Boeotian hero, Dirce a fountain near Thebes: Acte was

nec sum adeo informis: nuper me in litore vidi, 25
 cum placidum ventis staret mare; non ego Daphnim
 iudice te metuam, si numquam fallit imago.
 o tantum libeat mecum tibi sordida rura
 atque humilis habitare casas et figere cervos
 haedorumque gregem viridi compellere hibisco! 30
 mecum una in silvis imitabere Pana canendo.

an old name for Attica, and Aracanthus is a ridge in Aetolia, near the mouth of the Achelous: so that here is another geographical difficulty. Vibius Sequester vouches for an Attic, Steph. Byzant. for a Boeotian Aracanthus [but both statements are probably invented to suit this passage. Serv. explains 'Actaeo' as 'litorali i.e. ἀκραιῶν', but adds that some thought the geography intentionally bad, 'ut ostendatur rustici imperitia']. Propertius also connects Aracanthus with Amphion (IV xv 42).

25. From Theocr. VI 34 foll., where it is the Cyclops who finds himself not so ugly. It is just possible that a Mediterranean cove might be calm enough to mirror a giant, not possible that it should be calm enough to mirror Corydon. [Serv. observes the error, and makes excuses for Theocritus.—H. N.]

26. 'Placidum staret' is equivalent to 'placatum esset,' and 'vento' is the instrumental ablative, like 'vento rota constitit,' G. IV 484. The wind is elsewhere mentioned as calming the waters, A. I 66, 'Et mulcere dedit fluctus et tollere vento' (note), V 763, 'placidi straverunt aequora venti,' perhaps after Soph. Aj. 674. δεινὸν δ' ἄημα πνευμάτων ἰκοίμυε Στένοντα πόντον. The common explanation is that the wind is said to do what by absenting itself it allows to be done; but though such a turn of thought is usual enough, and hence applicable to any single passage, it is not easy to see why it should have suggested itself frequently when the wind is spoken of, unless we suppose that Virg. is consciously imitating Soph. in all four places.

For Daphnis, the great bucolic hero, who was beloved by a Naiad, see introduction to E. v.

27. 'Fallit' Pal.; 'fallat' Pal. corrected, Rom., Gud.; the former is preferable. He means, of course, that the mirror cannot lie. See on v. 73.

28-44. 'If you would but try life with

me! we would hunt and tend flocks together, and I would teach you to sing like Pan, the shepherd's patron. It is an art which others have envied, and I have a pipe which Damoetas gave me at his death as the only man worthy to succeed him. Besides I have two pet roes, which I am saving for you.'

28. Comp. Theocr. XI 65. 'Sordida,' opp. to the elegance of the city [as often of the country in Martial, I 49; I 55; X 96, etc.]. So Aristoph. Clouds, 43, ἔμοι γὰρ ἦν ἀγροῦκος ἡδίστος φίλος, Ἐθιωτῶν, ἀκόρητος, εἰκὴ κείμενος.

29. Heyne thinks hunting out of place, and therefore proposes, after a suggestion of Serv. and the Berne scholia, to take 'cervos' as antler-shaped props for the cottage. But Serv. himself justly observes that Corydon invites Alexis to pleasure, not to toil, and Wagn. adds that there is abundant proof of the connexion between, the hunter and the shepherd, e.g. G. II 471, III 409. Besides Virg. witnesses to his own meaning by the similar expression, 'figere dammas,' G. I 308, and Sen. Herc. F. has 'Tutosque fuga figere cervos' (passages referred to by Cerda).

30. 'Viridi hibisco,' for 'ad viride hibiscum.' So Hor. Od. I xxiv 18, 'Quam (imaginem) . . . nigro compulerit Mercurius gregi,' where the 'grex niger' must mean the souls already below. Serv. comp. A. v 451, 'It clamor caelo.' Some however take 'hibisco' as a rod of hibiscum, with which the kids are driven. Dioscorides and Palladius describe the plant as a mallow, Pliny (XX 29) as resembling a parsnip. Neither a mallow nor a parsnip would make a rod; but as we find the shepherd in X 71 making a basket with 'hibiscum,' we may conclude that it possessed some strength and pliancy. [Most writers identify it with the marshmallow (Althaea officinalis), Bubani with Althaea Cannabina, a kindred Italian plant. The Hibiscus of botanists is, like Althaea, a species of the Malvaceae.]

Pan primus calamos cera coniungere pluris
 instituit; Pan curat ovis oviumque magistros.
 nec te paeniteat calamo trivisse labellum:
 haec eadem ut sciret, quid non faciebat? Amyntas? 35
 est mihi disparibus septem compacta cicutis
 fistula, Damoetas dono mihi quam dedit olim,
 et dixit moriens: te nunc habet ista secundum.
 dixit Damoetas: invidit stultus Amyntas.
 praeterea duo nec tuta mihi valle reperti 40
 capreoli, sparsis etiam nunc pellibus albo,
 bina die siccant ovis ubera; quos tibi servo.
 iam pridem a me illos abducere Thestylis orat;

32, 33. [Ribbeck thinks these two lines spurious, chiefly because Serv. has no note upon them. They are, however, recognized in Philargyrius and the Berne scholia.—H. N.]

32. 'Pluris:' we hear of pipes made of three, nine, eleven, fifteen, and twenty-one reeds. The Cyclops in Ov. M. XIII 784 has one of a hundred. Forb.

33. 'Pecori pecorisque magistro,' III 101, Ov. F. IV 747.

34. 'Trivisse labellum,' by running the under lip backwards and forwards along the fistula. Lucr. IV 588 of Pan, 'Unco saepe labro calamos percurrit hiantis.'

'Paeniteat,' not quite the same as 'pudeat,' as the act is rhetorically supposed to have been done (hence the past 'trivisse') and the actor to be looking back on it.

35. 'Amyntas,' not a favourite (x 38), but a foolish and envious rival (v 8 foll.).

36. 'Cicutis,' hollow hemlock stalks. 'Cavas inflare cicutas,' Lucr. v 1383, of the origin of pastoral music.

38. 'Secundum,' my worthy successor; 'secundus' being used of that which is nearly equal. Hor. Od. I xii 17, 'Unde nil maius generatur ipso Nec viget quicquam simile aut secundum; Proximos illi tamen occupavit Pallas honores.' Comp. also E. v 48, 'Nec calamis solum aequiperas sed voce magistrum.' Fortunate puer, tu nunc eris alter ab illo.

'Ista,' not 'haec,' as being already Corydon's property when Damoetas spoke. It is not even certain from the words that the gift may not have been made long before his death.

39. 'Stultus,' because he fancied him-

self equal to Corydon. The language, as Forb. remarks, is rather epic. [Ribbeck marks this line again as spurious, but it is recognized in the Berne scholia, in which Amyntas is said to mean Cornificius, one of Virg.'s literary enemies.—H. N.]

40. There are similar love presents in Theocr. III 34, XI 40. 'Nec tuta,' from wild beasts. The danger enhances the value of the present, as Heyne remarks, comparing Ov. M. XIII 834.

41. These white spots disappear after the roe is six months old (Serv. and Wunderlich), and therefore these roes would be very young. Theocr. XI 40 has ῥτίφω δι' τοὶ ἑνδεκα νεβρώς, Πάσας μανοφόρους, where some read μανοφόρους, marked with moon-like spots.

'Albo,' Rom. and two of Ribbeck's cursives have 'ambo,' pointing it with the next verse. In any case it seems better to construct 'capreoli' with 'siccant' than to make it the subject of a verb substantive understood.

42. 'Bina die siccant ovis ubera,' i.e. they suck the same ewe twice a day. Varro, R. R. II ii 15, Keightley. The distributive force of 'bina' is made to exert itself not on the principal word, 'capreoli,' but on the accessory 'dies,' so that it is a kind of hypallage.

43. 'Abducere orat: 'oro' with an infinitive on the analogy of 'volo,' 'peto,' 'postulo.' Comp. A. VI 313, 'Stabant orantes primi transmittere cursum.' The passage is from Theocr. III 33, Τὴν με καὶ ἃ Μέρμωνος Ἐρωθαις ἃ μελανόχρωσ Αἰταὶ καὶ δωσῶ οἱ, ἐπεὶ σὺ μοι ἐνδιαθρήπτῃ. 'Thestylis' from v. 10 appears to be a slave.

et faciet, quoniam sordent tibi munera nostra.
 huc ades, o formonse puer : tibi lilia plenis, 45
 ecce, ferunt Nymphae calathis ; tibi candida Nais,
 pallentis violas et summa papavera carpens,
 Narcissum et florem iungit bene olentis anethi ;
 tum, casia atque aliis intexens suavibus herbis,
 mollia luteola pingit vaccinia calta. 50
 ipse ego cana legam tenera lanugine mala,
 castaneasque nuces, mea quas Amaryllis amabat ;
 addam cerea pruna ; honos erit huic quoque pomo ;

44. 'Et faciet' equivalent to 'et abducet,' as we should say, 'and she shall do so.' So 'ni faciat,' A. 1 62, is equivalent to 'ni molliat et temperet.' Observe how Virg. throughout this line has varied the expressions of Theocr., his Corydon being more courteous, and his Alexis presumably more sensitive. The fact has been already noticed in part by Serv.

45-55. 'Come and enjoy a country life. Nature produces her loveliest flowers—all for you ; and you shall have the fairest and most delicious fruits.' Spohn rightly remarks that the general scope of the passage is simply an invitation to share the delights of the country, Corydon representing the nymphs and himself as doing the honours ; but this does not exclude the notion of special presents of flowers and fruit like those in III 70. With the expression comp. G. II 3 note.

45. ['Formonse' Pal. Rom.—H. N.]

46. The nymphs offer flowers, being goddesses of the springs that water them, as Voss remarks, comparing pseudo-Virg. Copa 15, 'Et quae virgineo libata Achelois ab amne Lilia vimineis attulit in calathis,' evidently from the context an imitation of the present passage. He may be right also in saying that Corydon is speaking of the produce of his own watered garden, as is shown by Columella's reference to this passage in his tenth book, on the cultivation of a garden. [Paul. p. 47, says '*calathos* Graeci, nos dicimus *quasillos*': so Serv. here, evidently drawing directly or indirectly on Verrius Flaccus.—H. N.]

47.] 'Pallentis violas' [yellow pansies or wallflowers], *λευκόςιοις*. 'Tinctus viola pallor amantium,' Hor. Od. III x 14. Heyne remarks that the paleness of

southern is yellow. Ov. M. XI 100 has '*saxum palluit auro.*'

48. 'Anethum : ' an aromatic plant with a yellow flower, akin to fennel ; it is grown in our gardens. In a celebrated passage of Moschus (Idyl III 101) it is called *τό τ' εὐθαλις οὖλον ἀνηθον*.

49. 'Casia : ' an aromatic shrub, with leaves like the olive, common in the south of Europe. 'Intexens casia (vaccinia),' a poetical variety for 'intexens casiam.'

50. 'Vaccinia,' v. 18. It is not clear whether 'calta' is the chrysanthemum or the marigold. That its fragrance was not its recommendation appears from Pliny (xxi 28), where its 'gravis odor' is mentioned, and Ovid (Pont. II iv 28), who enumerates among other changes in the course of nature, 'Caltae Paestanas vincet odore rosas.' ['Calta' Pal. Gud. : 'caltha' Rom.—H. N.]

'Pingit,' picks out, the hyacinth (?) being as it were the ground which is variegated by the 'calta.'

51. A description of quinces, which were called 'mala Cydonia.' These fruits have nothing to do with making a garland, as some of the commentators think. The nymphs bring flowers in baskets : Corydon gathers fruits, and also sprigs of bay and myrtle.

53. 'Cerea pruna,' yellow plums. Pliny, xv 41, Ov. M. XIII 817.

'Huic quoque pomo,' i.e. 'prunis ; ' 'pomum' including all fruit except grapes, nuts, and, according to some, figs.

'Honos erit' : 'Si a te dilectum fuerit : sicut castaneae in honore fuerunt amatae Amaryllidi' (Serv.).

Some inferior MSS. and the old editions have 'et honos,' to avoid the hiatus [and so Haupt] ; Heins. struck 'et' out. The non-elision of a short vowel is doubtless to

et vos, o lauri, carpam, et te, proxuma myrte,
 sic positae quoniam suavis miscetis odores. 55
 rusticus es, Corydon: nec munera curat Alexis,
 nec, si muneribus certes, concedat Iollas.
 heu, heu, quid volui misero mihi? floribus austrum
 perditus et liquidis inmisci fontibus apros.
 quem fugis, a demens? habitarunt di quoque silvas 60
 Dardaniusque Paris. Pallas quas condidit arces
 ipsa colat; nobis placeant ante omnia silvae.
 torva leaena lupum sequitur; lupus ipse capellam;
 florentem cytisum sequitur lasciva capella;
 te Corydon, o Alexi: trahit sua quemque voluptas. 65
 aspice, aratra iugo referunt suspensa iuveni,

be accounted for not only, as in A. 1 405, by the pause in the verse, but by the fact that H is a semi-consonant, carefully recognized in literary Augustan Latin.

54. 'Proxuma': the companion of the laurel, always, and not only in this nose-gay. Among other instances is Hor. Od. III iv 19, 'ut premerer sacra Lauroque collataque myrto.' Comp. the use of 'proximus' for near kin and bosom friends. [⁴ Proxuma' Pal.—H. N.]

56-68. 'Vain hope, to recommend myself by presents which he will disdain, and a richer rival surpass! O this destructive passion! Yet why should he disdain a life which even gods have loved? I must follow him—it is mere natural attraction. Evening coming, and no relief!'

56. 'Rusticus es,' you are a clown; i.e. your presents are clownish. Alexis lived in the city, v. 28. Gebauer, p. 166, comp. Theocr. xx 3, βουκόλος ὦν ἐθέλεις με κῶσαι, γάλαν.

Rom., Pal. originally [and a Pompeian inscr., C. I. L. IV 1527] have 'est': in 57 Rom. has 'certet.'

57. 'Iollas, the master of Alexis, would outbid you.'

58. 'Quid volui mihi:' like the common phrase 'quid tibi vis?' 'What do you mean?' He suddenly reflects on the destructiveness of his passion. This is more natural than to suppose with Heyne and Voss that he is reproaching himself for having just made a comparison which must be disadvantageous to him.

59. 'I have let in the scorching scirocco to my blossoms, and wallowing wild boars to my clear springs'—no doubt, as Voss

says, a proverbial expression. The Scirocco, Horace's 'plumbeus Auster,' is spoken of in Aesch. Eum. 938-40 as δειροπτήμων βλάβη—φλογμός ὀμμασοσταρής φουῶν. [¹ Immissi' Pal.—H. N.]

60. 'Quem fugis' may be for 'cur me fugis?' (see I 54), or the meaning may be 'you know not whom you avoid in avoiding me,' like 'nec qui sim quaeris,' v. 19.

61. Athens was the only city that Minerva founded, though in the older Greek mythology it seems she was a goddess of fortresses in general, and hence called ἱρυσίπτολις, ἀλαλκομένης, πολιᾶς, πολιούχος, etc. Corydon prefers the country to Athens, the noblest of cities. We should remember that he is a Greek.

62. 'Ipsa colat,' let her have them to herself. 'Placeant,' 'let me love the country,' for 'let me enjoy it;'—a natural expression, since the love is essential to the enjoyment. It occurs again G. II 485, 'Rura mihi et rigui placeant in vallibus amnes, Flumina amem silvasque inglorius.' Gebauer, p. 169, comp. Mosch. v 12, καὶ παγὰς φιλείομι τὸν ἰγγύθεν ἤχον ἀκούειν.

63. Theocr. x 30, 'Ἄ αἰξ τὸν κῆτισον, ὁ λύκος τὰν αἶγα διώκει, Ἄ γίρανος τῶροτρον ἔγῳ δ' ἐπὶ τὴν μεμάνημαι. 'Ipsc,' in his turn.

65. [For the scansion compare III 79, VI 44, VIII 109, etc.; Munro, Lucr. II 404, VI 716. The shortening of monosyllables seems to belong to older Latin; that of final vowels (as 'Hyla,' VI 44; 'Ilio,' A. v 261; 'Panopeae,' G. I 437), if we may judge by the exx., is mainly a Grecism, as Cicero (Orator. 152) says.]

66. For similar versions or variations

et sol crescentis decedens duplicat umbras :
 me tamen urit amor ; quis enim modus adsit amori ?
 a Corydon, Corydon, quae te dementia cepit ?
 semiputata tibi frondosa vitis in ulmo est. 70
 quin tu aliquid saltem potius, quorum indiget usus,
 viminibus mollique paras detexere iunco ?
 inuenies alium, si te hic fastidit, Alexim.

of *βουλυτός*, see Hor. Od. III vi 43, and Epod. II 63, 'Videre fessos vomerem inversum boves Collo trahentis languido.' 'Iugo referunt,' draw home. 'Versa iugo referunt aratra,' Ov. F. v 497, quoted by Trapp.

'Suspensa,' not going into the ground ('depressa'), but carried so as not to touch it, as in the expression 'suspenso gradu'—probably the same thing as Horace's 'vomerem inversum.' The contrast expressed here is probably from Theocr. II 38 foll. (Gebauer, p. 171).

68. 'My love does not cool with evening, or end with the long summer-day.' Both notions seem to be implied. With the first comp. vv. 8-13, where, as here, it is hinted, not directly expressed, with the second, H. Od. II ix 10 foll., 'nec tibi Vespero Surgente decedunt amores, Nec rapidum fugiente Solem.' With the language Gebauer comp. Theocr. VII 56.

69-73. 'This is madness. I will return to my neglected business, and trust to find another love.'

69. Here and in VI 47 Wagn. and Ribbeck put a note of exclamation after 'cepit.' But compare Theocr. XI 72, ἃ Κύνλωψ, Κύνλωψ, πᾶ τὰς φρένας ἰκεπέρασσαι ; and similar passages elsewhere, e.g. Plaut. Mil. II v 24, 'quae te intemperiae tenent?' (comp. id. Aul. I i 32, 'nescio pol' quae illunc hominem intemperiae tenent'), G. IV 494, 5, A. II 42, 519.

70. Both the half-pruned vine and the

over-leafy elm would be signs of negligence. Comp. G. II 410, 'bis vitibus ingruit umbra.' An unpruned vine was a scandal in ancient husbandry. Hor. S. I VII 31. Voss, reviving a notion of Serv., sees an allusion to an alleged superstition, that to drink the wine of an unpruned vine caused madness, Numa having forbidden libations to be made from such wine, to show that the gods did not approve of the slothful husbandman, so that this would be another rustic proverb. But whatever may be the value of the illustration, not only the context, but the words themselves show that Corydon is simply taxing himself with a neglect of common duty.

71. 'At least try to do some basket-work ;' one of the home occupations of the husbandman, G. I 266. These lines are copied from Theocr. XI 72 foll. 'Saltem,' if you cannot go about harder work. So in X 71, the poet makes a basket while he is singing of his friend's passion. 'Usus,' G. II 22 note.

72. 'Detexere,' to plait out, i.e., to finish. 'Quae inter decem annos nequisti unam togam detexere,' Titin. ap. Non. p. 406.

73. *Εὐρησεῖς Γαλάστιαν ἴσως καὶ καλ-
 λιον' ἄλλαν*, Theocr. I. c. Pal. (originally) had 'fastidiat ;' Rom. has 'fastidat,' which is worth mentioning, as showing a tendency to introduce the subj. : see on v. 27. Pal. (originally), Gud. and other cursives have 'Alexis.'

ECLOGA III. [PALAEMON.]

MENALCAS. DAMOETAS. PALAEMON.

THIS Eclogue is a specimen of a rustic singing-match, such as occurs in several of the Idyls of Theocritus, the fifth being that which Virgil had here chiefly in view. The somewhat coarse banter which precedes it is studied partly after the fifth, partly after the fourth Idyl. Other imitations will be found noticed in their places. The match itself is technically called Amoebaean singing (rendered by Virgil 'alternis,' or 'alternis versibus,' v. 59, VII 18), the general principle of which seems to be that the second of the competitors should reply to the first in the same number of verses, and generally on the same or a similar subject. For further varieties see the Introduction to Eclogue VIII. Here the challenger begins, as in Theocr. Idyls VI and VIII, though in Idyl v the contrary is the case.

[The Berne scholia say that this Eclogue was written in honour of Asinius Pollio : see v. 84. They also interpret Damoetas as standing for Virg., Menalcas for Cornificius, Palaemon for Octavian.] But the poem is now universally agreed to be imaginary, in spite of the awkward introduction of the historical names of Pollio, Bavius, and Maevius. If anything, Menalcas is to be identified with Virgil, as would appear from the fifth and ninth Eclogues; but this cannot be pressed, nor need we follow those who, like Cerda, attempt to establish a difference in Menalcas' favour, contrary to Palaemon's verdict.

The date, like that of Eclogue II, can only be determined relatively to Eclogue v, which is later than either. The scenery is at least in part Sicilian.

M. DIC mihi, Damoeta, cuium pecus? an Meliboei?

D. Non, verum Aegonis; nuper mihi tradidit Aegon.

M. Infelix o semper, ovis, pecus! ipse Neaeram

1-31. '*M.* Whom are you keeping sheep for? *D.* Aegon. *M.* Poor sheep! their owner is hopelessly in love, and his hireling steals the milk. *D.* As if you had any right to taunt me! *M.* Of course not; I cut Micon's vines. *D.* Broke Daphnis' bow and arrows, you mean. *M.* Well, I saw you steal Damon's goat. *D.* It was mine; I won it at a singing match. *M.* You! when you can't sing. *D.* I'll sing against you now for a calf.'

1. Theocr. IV 1, 2. 'Cuius,' -a, -um, occurs in Plaut. and Ter., but was obsolete in Virg.'s time, as is shown by the parody quoted in Suetonius' Life of Virg., '“Dic mihi, Damoeta,” cuium pecus? anne Latinum? Non, verum Aegonis

(Aegones?) nostri sic rure loquuntur.' It is used by Cic. Verr. II i 54 (where the language is apparently that of a legal formula), [III 16 and III 58, and survived through vulgar Latin into the Spanish 'cuyo.' See Neue and Wagener's Formenlehre, ii p. 471].

The question implies that Damoetas is a hireling, 'alienus custos,' v. 5.

2. Aegon's name is a taunt, because he is the rival of Menalcas, v. 4.

3. Theocr. IV 13, 26. With the order of the words Burmann comp. G. IV 168, 'Ignavum, fucos, pecus a praesepibus arcent.'

['Oves,' Bentley and one *cursor*. MS.]
'Ipse,' your owner. Rom. has 'ille.'

dum fovet, ac, ne me sibi praeferat illa, veretur,
 hic alienus ovis custos bis mulget in hora, 5
 et sucus pecori et lac subducitur agnis.

D. Parcius ista viris tamen obicienda memento.
 novimus, et qui te, transversa tuentibus hircis,
 et quo—sed faciles Nymphae risere—sacello.

M. Tum, credo, cum me arbustum videre Miconis 10
 atque mala vitis incidere falce novellas.

D. Aut hic ad veteres fagos cum Daphnidis arcum
 fregisti et calamos: quae tu, perverse Menalca,
 et cum vidisti puero donata dolebas;
 et si non aliqua nocuisses mortuus esses. 15

M. Quid domini faciant, audent cum talia fures?

4. 'Fovet,' courts, repeatedly used by Cicero in the sense of paying attention to a person: comp. the sense of constant attendance, e.g. 'castra fovere,' A. IX 57.

5. 'Twice an hour,' when twice a day would have been full measure, as Serv. remarks. The phrase is exaggerated: but the offence of secret milking was a common one, punished, Emmen. says, with whipping and loss of wages. The taunt is from Theocr. IV 3. Pal. has 'mulgit.'

6. 'The ewes are exhausted and the lambs starved.' Perhaps, as Voss thinks, he may mean the time before the lambs were weaned, when the ewes ought not to have been milked. 'Subducere' need only mean to withdraw, as in Cic. Tusc. II 17, 'subduc cibum unum diem atletae'; here however the additional notion of stealth is suggested by the context. [Pal. had 'lact': see II 22.—H. N.]

8. ['Hircis' Rom. Gud., 'hircuis' Pal. originally, and so Ribbeck. Serv. quotes Suetonius De Vitiis Corporalibus, 'hircui sunt oculorum anguli.'—H. N.]

10. 'Tum ('risere').' 'Credo,' ironical. A. VII 297. Menalca affects to charge himself with what Damoetas did.

'Arbustum,' a vineyard in which the vines were trained on trees, opposed to espaliers: here the trees on which the vines were trained.

'Miconis vitis' Theocr. V 112.

11. 'Mala falce,' like 'dolo malo,' 'mala fraude,' malicious. Tibull. III v 20, 'Et modo nata mala vellere poma manu.' Pliny, XVII 1, says that the

Twelve Tables imposed a heavy fine for cutting another man's trees 'iniuria.'

'Novellas' emphatic, as the young vines ought not to have been touched with the knife, G. II 365. The word is a technical term in rural economy, being used in later Latin substantively for a young vine; 'novello' means to plant young trees (Suet. Dom. 7) and 'novelletum,' a nursery.

12. 'Ad veteres fagos:' the same scenery as in II 3, IX 9. The bow and arrows belonged to the shepherd: see II 29 note.

13. 'Perverse' equivalent to 'prave.' The passage is imitated from Theocr. V 12, τὸ δ', ὦ κακί, καὶ τόκ' ἐράκευ Βασκαίνωι, καὶ νῦν με τὰ λοιπὸν γυμνὸν ἔθηκας, which accounts for the repetition of 'et.'

14. The 'puer' is evidently Daphnis, not, as Heyne thinks, some boy to whom he gave the bow and arrows.

15. Comp. VII 26.

16. 'Fures' is comic for 'servi.' Comp. Hor. Ep. I vi 45, 'Exilis domus est ubi non et multa supersunt Et dominum fallunt et prosunt furibus.' Comp. also the double meaning of the English 'knave' and 'villain,' though there the process of change in meaning has been reversed. 'What will the master do if the man talks at this rate?' It seems a proverbial expression: at any rate the sense is clear, in spite of the objections of Wagn. and Forb., as the whole form of the line shows that 'domini' and 'fures' are meant to be correlative. 'Fures,' in fact, involves 'servi,' and something more, preparing us for Menalca's new charge.

'Faciant,' i.e. if they were to come on

non ego te vidi Damonis, pessime, caprum
excipere insidiis, multum latrante Lycisca?
et cum clamarem: 'quo nunc se proripit ille?
Tityre, coge pecus;' tu post carecta latebas. 20

D. An mihi cantando victus non redderet ille,
quem mea carminibus meruisset fistula caprum?
si nescis, meus ille caper fuit; et mihi Damon
ipse fatebatur; sed reddere posse negabat.

M. Cantando tu illum? aut umquam tibi fistula cera 25
iuncta fuit? non tu in triviis, indocte, solebas
stridenti miserum stipula disperdere carmen?

D. Vis ergo, inter nos, quid possit uterque, vicissim

the scene?' the case being a supposed one, the substitution of Aegon for Damoetas: there is no occasion to adopt 'facient' from Gud. (corr.) [and II].

18. 'Excipere' as in A. III 332, Hor. Od. III xii 10. 'Lycisci' were mongrels between wolves and dogs, Isid. Orig. XII 2. See Pliny VIII 148.

19. 'Quo nunc se proripit ille?' 'what is yonder rogue darting at?' Damoetas was just rushing out of his ambuscade. Tityrus is the shepherd of Damon.

20. 'Coge,' collect your flock, which was straying in supposed security as in I 9.

'Carecta:' in Catull. XIX 2 'carex' is joined with 'vimen iunceus,' so that the features of the country appear to be the same as in I 48.

21. 'Redderet,' was he not to restore? [i.e. ought he not to have restored. This use of the subj. imperf. is common in early Latin, e.g. Plaut. Trin. I ii 96, 'non ego illi argentum redderem? Non redderes.' Pseud. I iii 52, Rudens II iii 48, 'rogas quid faceret? adservaret; Cic. and others extend it to the plupf. Compare I 41, 'quid facerem?' A. IV 678, VIII 643, 'at tu dictis, Albane, maneres.' It is usually explained as deliberative or jussive (Roby, 1604, Madvig De Fin. ii 12-36): Reid Pro Sulla, 25, considers it an elliptic conditional.]

23. Heyne comp. Ov. Her. xx 152, 'Si nescis, dominum res habet ista suum.' The phrase is not uncommon.

24. ['Negabat posse,' G. II 234, 'sin in sua posse negabunt Ire loca,' A. III 201, 'negat discernere.' The omission of the reflexive pronoun with verbs of saying,

etc., is as old as Plautus (Aul. 108), see Roby, Syntax, § 1346.—H. N.]

25. 'Cantando tu illum:' the verb is to be supplied from 'cantando victus,' v. 21; the ellipse suits the colloquial style. What follows is imitated from Theocr. v 5.

26. 'Vincta' Rom., Gud., etc.
'In triviis,' i.e. to vulgar ears. Juv. VII 52:

'sed vatem egregium, cui non sit publica vena,
qui nihil expositum solet deducere, nec qui communi feriat carmen triviale moneta.'

'Indoctus' implies want of skill in any particular art; Hor. A. P. 380, 'Indoctusque pilae discive trochive quiescit.'

27. 'Stridenti,' i.q. 'stridula,' as Spohn remarks, '-i' being the adjectival termination, Bentl. on Hor. Od. I ii 31, xxv 17.

'Stipula,' a single reed, opposed to 'fistula cera iuncta.' The Verona fragment has 'stipula miserum.'

'Disperdere carmen' means to play a bad tune, not (as some editors prefer) to spoil a good one. The 'dis' is intensive, as in 'disperceo.' Milton, Lycidas, 123, 'And when they list their lean and flashy songs Grate on their scannel pipes of wretched straw.' Dryden (Essay on Satire) refers to this line as showing that Virg. might if he pleased have made himself the first of Roman Satirists—rather a large conclusion.

28. The general rule seems to be that 'vin' or 'visne' asks for information, while 'vis' commands, Bentl. on Hor. Sat. II vi 92.

experiamur? ego hanc vitulam—ne forte recuses,
bis venit ad mulctram, binos alit ubere fetus— 30
depono: tu dic, mecum quo pignore certas.

M. De grege non ausim quicquam deponere tecum:
est mihi namque domi pater, est iniusta noverca;
bisque die numerant ambo pecus, alter et haedos.
verum, id quod multo tute ipse fatebere maius, 35
insanire libet quoniam tibi, pocula ponam
fagina, caelatum divini opus Alcimedontis:
lenta quibus torno facili superaddita vitis
diffusos hedera vestit pallente corymbos.

'Vicissim,' referring to the manner of proceeding, while 'inter nos' merely expresses that there is to be a contest. 'Vicissim' may be meant as a translation of *ἀμοιβαίως*, but its use in v 50 shows that it need not be understood so strictly.

29. Theocr. v 21 foll., VIII 11 foll.

30. Theocr. i 26, 'Α δὴ ἔχουσ' ἰρίφως ποταμίετραι ἰς δύο πίδλας. Theocr. speaks of a goat with twins. Keightley remarks that it is not usual for cows to have twins. He also remarks that Virg., in slavishly following his original, has made Damoetas, a hireling, stake a heifer from the herd which he is keeping.

'Vitula' is apparently used for 'iuvenca,' as Spohn remarks.

31. 'Depono:' Theocr. VIII xi 12, *καταθῆναι ἀέθλον*. 'Quo pignore,' the modal ablative, which is really the same with the ablative absolute.

32-59. '*M.* I dare not wager any of my cattle; but I have a better stake, two cups of Alcimedon's making. *D.* I have two by the same hand; but they are nothing to the heifer. *M.* No put-offs: I'll accept any terms. Palaemon shall be umpire. *D.* Come on then: I'm not afraid: only pay attention, Palaemon. *P.* The grass is soft to sit on, and the country lovely: so begin, Damoetas, first.'

32. Theocr. VIII 16, 17. 'Tecum,' like you. Wagn. comp. Plaut. Cas. Prol. 75, 'Id ni fit, mecum pignus, si quis volt, dato.'

33. From Theocr. l. c. *χαλεπός θ' ὁ πατήρ μεν χά' μάτηρ*, it would seem as if 'iniustus' were to be supplied from 'iniusta,' and both construed as predicates. But it is simpler to render 'I have a father at home, and a harsh stepmother.'

34. 'Bisque die,' not merely in the

evening, as in VI 85. 'Haedos:' besides counting the whole flock, one or other of them counted the kids separately.

35. In Theocr. l. c. Menalcas offers to wager a pipe in default of a lamb, and Daphnis, like Damoetas here, says he can match it, but, unlike him, agrees to the terms.

36. Theocr. i 27 foll. 'Pocula,' a kind of dual, a pair of cups, as in v. 46, two being generally set before each guest, Hor. S. i vi 117.

'Ponam' = 'deponam.'

37. Cups of beechwood belong to primitive country life; Wagn. compares Tibull. i x 8, Ov. M. VIII 669. Alcimedon is not heard of elsewhere. It is suggested (Sillig, Catal. Artif. p. 36) that he may have been a contemporary artist whom Virg. meant to compliment. Here and in the latter part of v. 43 Virg. had his eye on Theocr. v 104, 5, though the connexion there is different.

38. Servius on A. II 392 has an improbable story that Virg. originally wrote 'facilis,' which was altered because of the rule forbidding the use of two epithets with one noun. Here he says that Donatus read 'facilis;' and so the Verona fragm. and (originally) two of Ribbeck's cursives. But the error is easily accounted for by the beginning of the next word, a confusion constantly occurring. Rom. has 'fragilis.' [The Berne scholia only recognize 'facilis.'—H. N.]

'Torno' for 'scalpro,' the graving tool, not the lathe.

39. 'Hedera pallente corymbos' is probably for 'hederae pallentis,' a use of the material ablative for the genitive not uncommon in Virg., e.g. A. VII 354, 'Ac, dum prima lues udo sublapsa veneno Per-

in medio duo signa, Conon, et—quis fuit alter, 40.
descripsit radio totum qui gentibus orbem,
tempora quae messor, quae curvus arator haberet?
necdum illis labra admovi, set condita servo.

D. Et nobis idem Alcimedon duo pocula fecit,
et molli circum est ansas amplexus acantho, 45
Orpheaque in medio posuit silvasque sequentis.
necdum illis labra admovi, set condita servo.
si ad vitulam spectas, nihil est, quod pocula laudes.

temptat sensus,' for 'lues udi veneni.' It is a peculiarity—perhaps an affectation. Spohn connects the ablative with 'diffusos,' and so Forb. and Keightley. In any case Virg. cannot be acquitted of obscurity, as the ablative at first sight seems clearly to belong to 'vestit,' which is scarcely possible, though Trapp thinks that the vine may be said to do what is really done by the ivy, to show how closely they are united. The vine is intertwined with the ivy (both emblems of Bacchus, and fit ornaments for a drinking-cup), as in Theocr. the ivy with the flowers of the helichrysus.

'Hedera pallens' is probably that kind the leaves of which are marked with white, or rather with light yellow; 'hedera alba,' VII 28. ['Pallante,' i.e. palante, Verona Palimps.—H. N.]

['Edera' Verona Palimps. originally. The spelling was doubtful in the time of Verrius Flaccus: Paul. p. 82. Müll. giving 'ederam' under *e*, p. 100, 'hedera' under 'h,' where three etymologies are offered, 'quod haereat, sive quod cedita petat, vel quia id cui adhaeserit edat.' Philarg. here pronounces for 'edera.'—H. N. Ribbeck now spells 'ed-' except in G. IV 124.]

40. 'In medio,' in the fields, the spaces enclosed by the vine and ivy. Keightley. Conon was an astronomer in the time of Ptolemy Philadelphus: the 'alter' was probably Eudoxus, whose 'Phaenomena' was versified by Aratus. [The Verona scholia say that some commentators thought of Eudoxus, some of Aratus, while others were in favour of Archimedes, Hipparchus, Euctemon, Hesiod, or Euclid.—H. N.]

'Totum orbem' apparently means the whole circle of the heavens. Comp. A. VI 850, 'caelique meatus Describent radio et surgentia sidera dicent.'

'Radius,' the rod with which geometers drew figures on the abacus; but

here and A. VI 'describere radio' seems a figurative phrase for scientific delineation.

'Gentibus,' for mankind; explained by the mention of 'messor' and 'arator' in the next line.

42. 'Curvus,' bending over the plough. Pliny XVIII 179, 'Arator, nisi incurvus, praevaricator,' quoted by Voss.

43. Theoc. I 59.

45. 'Molli,' flexible; Theocr. I 55, Παντᾶ ἀμφὶ δίνας περιπύραται ὑγρὸς ἄκανθος. The epithet, as Forb. remarks, besides being characteristic of the acanthus reminds us of the art of the workman, like 'mollis imitabitur aere capillos,' Hor. A. P. 33. Contrast the detail of Menalcas with the brevity of Damoetas, who merely mentions enough to show that his cups are a fair match for his rival's, and then proceeds to depreciate them.

46. 'In medio:' comp. v. 40. 'Sequentis,' Ov. M. XI 2, of Orpheus, 'et saxa sequentia ducit.'

47. There may be some mockery in the repetition, as Voss suggests, or Damoetas may be carrying out his affected depreciation by not stopping to select words of his own.

48. 'Compared with the heifer, the cups deserve no praise.' Most commentators suppose the construction to be 'si spectas (pocula) ad vitulam:' but though 'ad' may express comparison, it does not appear to be used in that sense with 'specto,' which indeed in such phrases as 'tuum animum ex animo spectavi meo' (Ter. And. IV i 22) implies positive observation rather than relative estimate. On the other hand, 'spectare ad aliquid' occurs not uncommonly in the sense of 'aspicere' or 'respicere ad aliquid,' as we might say 'If you once look at the heifer, you will find nothing to say for the cups.' So Forb.

'Nihil est quod:' Madvig, § 372 b. obs. 6.

M. Nunquam hodie effugies ; veniam, quocumque vocaris. audiat haec tantum—vel qui venit, ecce, Palaemon. 50 efficiam posthac ne quemquam voce lacessas.

D. Quin age, si quid habes, in me mora non erit ulla, nec quemquam fugio : tantum, vicine Palaemon, sensibus haec imis, res est non parva, reponas.

P. Dicite, quandoquidem in molli conседimus herba. 55 et nunc omnis ager, nunc omnis parturit arbōs ; nunc frondent silvae ; nunc formonsissimus annus. incipe, Damoeta ; tu deinde sequere, Menalca. alternis dicetis ; amant alterna Camenae.

D. Ab Iove principium, Musae ; Iovis omnia plena ; 60

49. Damoetas had spoken as if Menalcas wished to get off. Menalcas retorts, 'I will stake a heifer, if you will have it so, rather than you should get off the wager.' Macrob. VI I says that 'numquam hodie effugies' is from Naevius, 'Numquam hodie effugies, quin mea manu moriare.'

'Numquam hodie' recurs A. II 670, 'Numquam omnes hodie moriemur inulti,' and is found in the comic writers (Plaut. Asin. III iii 40, Ter. Phorm. V iii 22, Adolph. IV ii 31), as an arch way of saying that a thing shall not be ; 'hodie' seems to be a comic pleonasm, [and 'nunquam' a strengthened 'non,' as Donatus on Ter. Andr. II iii 10 says]. Gebauer, p. 31, comp. the use of *ὄψοτε* in Theocr. VIII 10, 15, where we should more naturally say, 'by no means.'

50. 'Vel' goes rather with 'qui venit' than 'Palaemon.' Compare Theocr. V 50 foll., where Lacon wishes for a particular judge, but Cometes says that a woodcutter close by will do. Here Menalcas begins as if he wished for some one in particular, but corrects himself, and offers to take the chance of a man just then approaching, whom he identifies at the end of the verse as Palaemon : 'The man who is coming up—there ! Palaemon it is.' Palaemon the grammarian, as Suetonius tells us (Ill. Gramm. 23), used to quote this line as showing that he was destined to be a critic before his birth : an opponent might have retorted that he is mentioned merely as *ὁ τυχών*.

51. 'Posthac' with 'lacessas.' 'Voce lacessas,' challenge in singing, i.e. challenge to sing.

52. Damoetas, as the original chal-

lenger, had the right of beginning (Theocr. VI 5, *πρῶτος δ' ἄρξατο Δάφνης, ἵπει κα πρῶτος ἔμωθεν*), which he offers to waive ; but Palaemon does not permit this, v. 58.

'Si quid habes,' *εἰ τι λέγεις*, Theocr. V 78, is apparently contemptuous, though a reference to V 10 (see note), IX 32, will show that it is not necessarily so.

'In me mora non erit ulla' is a phrase, as in Ov. M. XI 160, 'in iudice, dixit, Nulla mora est.' 'Per' is also used ; as in Ter. And. III iv 14, Juv. XII III.

53. 'Nec quemquam fugio,' I am content with any judge. 'Vicine : ' Damoetas tries to conciliate Palaemon, while asking of him a simple act of justice.

54. 'Res est non parva' seems better referred to the importance of the contest than to the magnitude of the wager.

55. 'Since we are seated on the soft grass, and all around us invites to song.' In Theocr. V 45 foll. the rivalry of the shepherds extends even to the choice of a place for singing, each praising his own.

56. Comp. G. II 323, 330. Einmen. refers to Bion VI 17, *εἶπα πάντα κείε, πάντ' εἶπαρος ἀδία βασιτεῖ*.

57. 'Now the year is at its fairest.' ['Formonsissimus' the best MSS. : see I 5.—H. N.]

58. Juv. IV 34, 'Incipe, Calliope, licet et considere,' is perhaps an allusion to this line and v. 55.

59. 'Alternis : ' comp. V 14 ; VII 18. *δι' ἀμοιβαίων*, Theocr. VIII 61. 'Amant alterna Camenae,' Hom. II. I 604, *Μουσῶν θ' αἰ ἀειδὸν ἀμειβόμεναι ὀπι καλῶ*.

60-63. '*D.* I begin with Jove, the filler of all things : he makes the country fruitful, and is the shepherd's patron. *M.* And I with Apollo, the poet's patron, for

ille colit terras; illi mea carmina curae.

M. Et me Phoebus amat; Phoebosua semper apud me munera sunt, lauri et suave rubens hyacinthus.

D. Malo me Galatea petit, lasciva puella, et fugit ad salices, et se cupit ante videri. 65

M. At mihi sese offert ultro, meus ignis, Amyntas, notior ut iam sit canibus non Delia nostris.

D. Parta meae Veneri sunt munera: namque notavi

whom I rear bays and hyacinths in my garden.

60. Theocr. xvii 1, 'Ἐκ Διὸς ἀρχώμεσθα, καὶ εἰς Δία λήγεις, Μοῖσαι. But Virg. seems to have had in his mind Aratus, Phaen. v. 1 (quoted by Serv.):

'Ἐκ Διὸς ἀρχώμεσθα, τὸν οὐδέπορ' ἀνδρες ἰώμεν

Ἀφρότην μυσταὶ δὲ Διὸς πᾶσαι μὲν ἀγνυαί, Πᾶσαι δ' ἀνθρώπων ἀγοραί, μεστή δὲ θάλασσα,

Καὶ λιμίνες πάντη δὲ Διὸς κεκρήμεθα πάντες.

Τοῦ γὰρ καὶ γένος ἐσμὲν.

Another interpretation, mentioned by Serv., and adopted by Ribbeck, makes 'Musae' genitive. This is supported by Cicero's translation of Aratus (De Leg. ii 3), 'Ab Iove Musarum primordia;' and by A. vii 219, 'Ab Iove principium generis;' but Theocr. l. c. and Ov. M. x 143, 'Ab Iove, Musa parens (cedunt Iovis omnia regno) Carmina nostra move,' defend the vocative. The question is as nearly balanced as possible.

61. 'Ille colit terras,' Jupiter (the sky) impregnates the earth and makes it fruitful (comp. G. ii 326), so that he is here said to cultivate the earth.

'Illi mea carmina curae,' because they celebrate the gifts of earth. Serv., however, renders 'colit,' 'amat,' misquoting A. i 15, 'unam Posthabita coluisse Samo,' where see note.

62. Damoetas had secured as his patron the father of the gods and the giver of the plenty which, as Palaemon remarked, they saw around them: Menalcas meets him by naming a god who has specially to do with poetry, and referring not to the general bounty of nature, but to the produce of his own special labour, which he offers to that god as his due. In Theocr. v 80-83, Cometes names the Muses, Lacon Apollo, each mentioning

his offerings as the ground of his favour with his patron.

63. The bay and hyacinth are gifts of Apollo to man, and so are appropriately restored to him in sacrifice. Menalcas has a garden, like Corydon, ii 45, where he keeps these plants with a view to Apollo.

64-67. 'D. My mistress pelts me and runs away, like a rogue as she is. M. My favourite does not avoid me; even my dogs know him well.'

64. 'Mala,' as Keightley says, included all fruit with pips. They were sacred to Venus, whence *μηλω βάλλειν*, *μηλοβολεῖν*, was a mode of flirting. Theocr. v 88, Aristoph. Clouds, 997.

66. 'Ignis,' of the beloved object. 'Pulchrior ignis,' Hor. Epod. xiv 13. Comp. 'tua cura,' E. x 22.

67. 'Delia' may be Diana, who assists the shepherd's huntias (vii 29, comp. x 55), and so is known by his dogs. Amyntas too knows the dogs, being Menalcas' hunting companion, v. 75. The other interpretation, more commonly adopted, makes Delia Menalcas' 'contubernalis,' who, on visiting him (vii 40), is recognized by the watch-dogs, so that Menalcas may mean indirectly to boast that he is beloved by two persons, not merely by one, like Damoetas. The language of v. 66 is rather in favour of this latter view, as otherwise we should have expected some allusion to hunting.

68-71. 'D. I have marked a wood-pigeon's nest as a present for Galatea. M. I have sent Amyntas ten apples, and will send ten more to-morrow.'

68. Theocr. v 96. 'Veneri,' 'Tun meam Venerem vituperas?' Plaut. Curc. i iii 36.

'Notare,' i. q. 'animadvertere,' as in G. iii 100, A. v 648, etc. 'Ipse' denotes that he has observed it himself, instead of trusting to hearsay, so that he will be sure

ipse locum, aëriae quo congersere palumbes.

M. Quod potui, puero silvestri ex arbore lecta 70
aurea mala decem misi; cras altera mittam.

D. O quotiens et quae nobis Galatea locuta est!
partem aliquam, venti, divom referatis ad auris!

M. Quid prodest, quod me ipse animo non spernis,
Amynta,

si, dum tu sectaris apros, ego retia servo? 75

D. Phyllida mitte mihi: meus est natalis, Iolla;
cum faciam vitula pro frugibus, ipse venito.

to remember it, and recognize the place where the young are ready to be taken. Thus there is no reason to understand 'notavi' with Wagn. of actually marking the spot.

69. Wood-pigeons are sacred to Venus. 'Aeriae' occurs in Lucr. I 12, v 825, as an epithet of 'volucres,' as we say birds of the air: here, however, it means making their nests high in air, like 'aeria turtur ab ulmo,' I 58, and reminds us that the intended gift is hazardous.

'Congessere,' for 'nidum congersere' (Plaut. Rud. III vi 5), as we say to build. 'Apes in alvarium congerserant,' Cic. Oecon. in Charis. p. 82 P. So 'tendere' for 'tentoria tendere' A. II 29, etc.

70, 71. Theocr. III 10. 'Aurea,' as in VIII 52, golden, i.e. ripe and ruddy; not a particular kind of 'malum,' such as quinces or pomegranates. Prop. III xxvi 69, referring to this passage, has simply 'mala.' Spohn well observes that 'quod potui' corresponds to 'aeriae,' both denoting difficulty. He has done his best for to-day (referring to the quality, not to the quantity of his presents), and promises to give the same to-morrow.

'Altera, a second batch of ten. 'Totidem altera.' Hor. Ep. I vi 34.

72-75. '*D.* O the things that Galatea says to me; things that the gods might listen to! *M.* Amyntas, you love me; do not separate from me in hunting.'

72. From this line to IV 52 Pal. is defective. Rom. is the only principal MS. here extant, though Gud. to some extent supplies the place of Pal.

73. 'Let not such precious words be wholly lost, but convey some part at least to the ear of the gods.' Comp. Theocr. VII 93. So Apollo listens to the nightingale's song. Aristoph. Birds, 217. Those

who, like Heyne and Voss, suppose that the gods are requested to hear Galatea's vows and punish her perjury, quite mistake the passage.

75. To carry the nets for another, or watch them while he was hunting (*λιποπράσθαι*) seems to have been a common compliment. Tibull. I iv 50, IV iii 12, Ov. A. A. II 189. He complains that he is separated from Amyntas, who takes the more attractive and dangerous part of the adventure; and this untoward circumstance is opposed to 'ipse animo non spernis.' 'What is your affection to me, if you will not give me your company?'

76-79. '*D.* Send me Phyllis for my birthday, you can come on the next holiday. *M.* I send you Phyllis? She is my love, and cries at parting from me.'

77. The birthday was a season for merry-making and love; the Ambarvalia ('cum faciam vitula pro frugibus') was a time of abstinence from love. See the description of that festival in Tibull. II 1. Festus [ap. Macrob. Sat. III 5] says: 'Ambarvalis hostia est, quae rei divinae causa circum arva ducitur ab iis qui pro frugibus faciunt.'

Rom. and the rest of Ribbeck's MSS. read 'vitulam:' but Serv., Priscian and Macrob. Sat. III 2 are for 'vitula,' which Pierius found in some old copies. It should be remembered that we have not the evidence of Pal. and Med. The accusative is admissible in point of grammar, but not in point of euphony. The ablative, however, is the regular case in such a connexion. 'Facere catulo,' Col. II 22. 'Quod agnis fecerat?' Plaut. Stich. I iii 97. Comp. the use of 'agna—haedo,' Hor. Od. I iv 12, where some MSS. have the accusative.

- M.* Phyllida amo ante alias ; nam me discedere flevit,
et longum Formonse, vale, vale, inquit, Iolla.
- D.* Triste lupus stabulis, maturis frugibus imbres, 80
arboribus venti, nobis Amaryllidis irae.
- M.* Dulce satis umor, depulsis arbutus haedis,
lenta salix feto pecori, mihi solus Amyntas.
- D.* Pollio amat nostram, quamvis est rustica, Musam :
Pierides, vitulam lectori pascite vestro. 85
- M.* Pollio et ipse facit nova carmina : pascite taurum,
iam cornu petat et pedibus qui spargat harenam.

78. Theocr. v 134. Menalcas retorts in the person of Iollas—'Phyllis, whom you bid me send to you, is in love with me, and wept when I left her.' This Phyllis seems to be a female slave and mistress of Iollas, whom Damoetas pretends to rival in her affections. So Corydon VII 30 speaks in the person of Micon. 'Flevit' with an object clause, as in Prop. I vii 18, 'Flebis in aeterno surda iacere situ.'

79. 'Longum, vale, inquit : ' she lengthened out her farewell, saying, 'Vale, vale,' in her reluctance to part. So Wagn. rightly interprets it. 'Longum' goes with 'inquit,' not with 'vale ;' so 'longum clamet,' Hor. A. P. 459, and the Homeric μακρὸν ἄθρειν. With the metre comp. VI 44. ['Formonse,' the best MSS. : see I 5.—H. N.]

80-83. '*D.* Every thing in nature has its bane : mine is the wrath of Amaryllis. *M.* Every thing in nature has its delight : mine is Amyntas.'

80. Theocr. VIII 57. 'Triste' and 'dulce,' v. 82, are virtually nouns, like φοβερὸν κακόν in Theocr.

'Imbres : ' comp. G. I 322 foll.

81. 'Venti : ' G. I 443. Damoetas seems to have three mistresses, Galatea, Phyllis, and Amaryllis. They can scarcely be fancy loves, because Menalcas sticks to Amyntas.

82. 'Depulsis' ('a matribus,' 'ab ubere,' or 'a lacte') : comp. I 22. The leaves of the arbutus would tempt the young kids. 'Frondentia capris Arbuta sufficere,' G. III 300.

83. Cattle were fond of the willow leaves (I 79), and after yeaning or during pregnancy their favourite fool would be especially grateful (I 50).

84-87. '*D.* Pollio is my patron, and the prince of critics. *M.* Pollio is more—he is the prince of poets.'

84. 'Pollio : ' [here and IV 12 our best extant MSS. have 'Pollio,' not 'Polio' : Serv. mentions both forms. The MSS. of other authors (Juv., Martial, etc.) vary, but the Capitoline Triumph-lists, which are little later in date than the Ecl., spell 'Pollio' (C. I. L. I p. 50, ed. 2), and so most early and late inscriptions. Nevertheless Ribbeck, Wölfflin, Thilo and other edd. cling to 'Polio.' See G. IV 243.] In introducing an historical person among feigned characters here and in v. 90, IX 35, and X passim, Virg. has followed Theocr., whose seventh Idyl contains several instances of such confusion.

No reason drawn from the proprieties of composition could be urged against taking 'vitulam' and 'taurum' here as the prizes of different kinds of poetry ; but the 'nova carmina' were tragedies, and the bull was the prize of dithyrambic contests. It is safer to say that the victim rises with the rise from critic (lector) and patron to poet. [Serv. notes : 'vel pascite eius armenta quia legit hoc carmen, vel vitulam ei nutrire pro praemio.'—H. N.] There seems no occasion to suppose that a sacrifice for Pollio's safety is intended.

Observe how studiously Virg. avoids shortening the last syllable of 'Pollio,' unlike Hor. Od. II i 14, S. I x 42. Servius and two of Ribbeck's cursives have 'quamvis sit.'

85. Gebauer, p. 219, points out a faint resemblance in this and the following line to Theocr. VIII 33-35.

86. Some take 'nova carmina' to mean tragedies on Roman subjects, not borrowed from the Greek ; but this is too specific. If anything, 'nova' means original. Serv. 'magna miranda.'

87. Repeated A. IX 629. 'Petat,' 'spargat' express not the reason for which

- D.* Qui te, Pollio, amat, veniat, quo te quoque gaudet ;
mella fluant illi, ferat et rubus asper amomum.
- M.* Qui Bavium non odit, amet tua carmina, Maevius¹⁶⁰
atque idem iungat vulpes et mulgeat hircos.
- D.* Qui legitis flores et humi nascentia fraga,
frigidus, o pueri, fugite hinc, latet anguis in herba.
- M.* Parcite, oves, nimium procedere : non bene ripae
creditur ; ipse aries etiam nunc vellera siccata. 95
- D.* Tityre, pascentes a flumine reice capellas :
ipse, ubi tempus erit, omnis in fonte lavabo.

the bull is reared, but the quality of the animal. Note the trajection of 'qui.'

88-91. '*D.* May Pollio's admirers be like him ! *M.* May Bavius' and Maevius' admirers be like them !'

88. 'Veniat, quo te quoque gaudet' ('subaudisvenisse,' Serv.), 'may your lot be his, and may he enjoy with you the dreamy felicity of the golden age.' Such seems the simplest way of taking this difficult passage, and the one best corresponding to vv. 90, 91. Heyne quotes Theocr. I 20, *Και τῆς βωκολικῆς ἐπὶ τὸ πλεονέκτο Μῶσαρ*. Still, even if the ellipse were supplied it would be sufficiently cumbrous to say 'the lot which he is glad that you also have attained' for 'your lot,' so that there is some temptation to believe the passage corrupt.

89. The form of the wish is from Theocr. v 124-127 ; but there the rivals are merely trying to outbid each other in wishes as in other things, whereas here there is a further meaning. The shepherd naturally dwells on the rural glories of the golden age, as existing in fable (G. I 131), and in prophecy (E. IV 25, 30). The poet and his admirer are apparently supposed to live together in dreamland. Possibly, as Forb. thinks, honey may be specified as a common emblem of poetical sweetness (Hor. Ep. I xix 44, etc.), while the image of the bramble-bearing spices may mean that the meanest rustic argument is to produce a sense of beauty. Comp. IV 2. There may be a reference to Theocr. I 132, where Daphnis, like Damon, E. VIII 52, prays for a change in the course of nature, *νῦν ἴα μὴ φορέοιτε βῆροι, φορέοιτε δ' ἀκανθαὶ κ.τ.λ.* Thus the blessing is put into a form which had been used by the Greek poet for a curse, and we are prepared for the counter wish in v. 91.

All we know of 'amomum' (IV 25) is,

that it grew in the east, and yielded a fragrant spice. Keightley.

90. For these worthies see Dict. Biog.

91. 'Iungat vulpes' is explained of yoking for ploughing, the expression being apparently proverbial. Suidas has *ἀλώπηξ τὸν βούν ἰλαίνει*. Demonax, according to Lucian (Vit. Dem. 38), said of two foolish disputants that one was milking a he-goat, and the other catching the milk in a sieve. Here, however, 'iungere vulpes' and 'mulgere hircos' appears to be a sort of comic purgatory, opposed to the paradise of v. 89.

92-95. '*D.* Strawberry gatherers, beware of snakes. *M.* Sheep, beware of going too near the water.'

93. The confused order of the words and the rapidity of the measure are noted as expressive. 'Frigidus anguis,' VIII 7. *Ψυχρὸν ὄφιν*, Theocr. xv 58.

94. Theocr. v 100. 'Non bene ripae creditur,' like 'aliis male creditur,' Hor. S. II iv 21.

96-99. '*D.* Keep the goats from the river : I'll wash them in time. *M.* Get the ewes into the shade, or they will run dry again.'

96. 'Reice : 'so 'eicit' dissyll. Lucr. III 877 [IV 1272. Munro quotes Hor. Sat. I vi 39 'deicere' trisyll., 'reicit' dissyll. (Stat.) and compares 'ēdicit,' 'sūbicit' in Seneca, etc. Gröber compares the Italian 'recere,' Wölfflin's Archiv I 221, v 236.]

Statius, Theb. IV 574, has 'reicitque canes,' calls off the dogs. Virg. apparently imitated Theocr. IV 44, *βάλλε κάτωθε τὰ μασχία*, which is explained by the custom of shepherds flinging their crooks among the cattle, Il. xxiii 845. Plautus, however, has 'in bubile reicere (boves),' Pers. II v 18. Tityrus is addressed as a herdsman, as in v. 20, IX 23.

97. Theocr. v 145.

M. Cogite oves, pueri; si lac praeceperit aestus,
ut nuper, frustra pressabimus ubera palmis.

D. Heu, heu, quam pingui macer est mihi taurus in
ervo! 100

idem amor exitium pecori pecorisque magistro.

M. His certe neque amor causa est; vix ossibus haerent.
nescio quis teneros oculus mihi fascinat agnos.

D. Dic, quibus in terris—et eris mihi magnus Apollo—
tris pateat caeli spatium non amplius ulnas. 105

M. Dic, quibus in terris inscripti nomina regum
nascantur flores, et Phyllida solus habeto.

98. 'Cogite,' 'in umbras,' which is expressed in v. 107 of the spurious *Culex*. The sheep are driven into the shade at mid-day that they may be fit for milking at evening. Rom. has 'aestas.'

99. Observe the reality which 'ut nuper' gives to the injunction.

100-103. '*D.* My bull won't fatten: it is love. *M.* My lambs won't either: it is the evil eye.'

100. Theocr. IV 20. 'Ervm,' a species of tare: probably the hairy tare that grows in our fields and hedges. Keightley. The old reading before Heins. was 'arvo,' which is found in Rom. 'Quam' with 'macer.'

101. 'Exitium est pecori' Rom., Gud. corrected, 'exitium pecori est' Gud. originally, and two of Ribbeck's cursives. A third omits 'est' altogether, which is the ordinary reading. For a similar doubt comp. A. V 235.

102. Theocr. IV 15. 'Mine are not even so well off as yours; they have some malady more mysterious than love.' 'Neque' is for 'ne quidem,' used like οὐδέ, a sense found in Livy and post-Augustan prose and, probably, in Hor. Sat. II iii 262. [See exx. in Dräger, Hist. Syntax, II p. 71.] Madvig Excurs. 111 on Cic. De Finibus denies the appropriateness of this sense in the present passage, and Mr. Munro and others follow him: though the meaning as explained above seems perfectly natural, Menalcas (as usual) trying to outdo his rival, even in describing ill fortune. Their remedy is to make 'neque amor causa est' parenthetical, and either to read 'hi' from a conjecture of Stephens and Heins., or to treat 'his' as an archaism for 'hi,' which would be a very hazardous hypothesis in Virg.,

though a passage in Donatus on Ter. Eun. II ii 38 is alleged to show that it was so understood by that critic.

103. Comp. Hor. Ep. I xiv 37, 'Non istic (at his farm) obliquo oculo mea comoda quisquam Limat, non odio obscuro morsuque venenat.'

104-107. '*D.* Guess my riddle, and you shall be my Apollo. *M.* Guess mine, and you shall have Phyllis to yourself.'

104. ['Dic, et eris:'] Cicero in such cases never inserts 'et' (Mayor Phil. II 104); writers after Virg. insert or omit at will, comp. Hor. Ep. I xvi 54, xviii 108.]

'Apollo' is the god of divination.

105. According to tradition, Asconius Pedianus heard Virg. say that he had intended in this passage to set a trap for the critics; and that the real answer was the tomb of Caelius, a Mantuan who had squandered his estate, and left himself only land enough for a tomb. The critics may be pardoned if they have fallen into such a trap, though their guesses, e.g. a well, an oven, the shield of Achilles, the pit called 'mundus' in the Comitium, only opened for three days each year, are not happy. 'Caeli spatium' would not naturally express the ground possessed by or covering Caelius, so that the riddle, according to its traditional explanation, does not even fulfil the conditions of a good catch. [The Berne scholia quote, not Asconius, but Cornutus, as the authority for the story about Virg. Ribbeck thinks 'Cornutus' is corrupt for 'Cornelius,' i.e. the poet Cornelius Gallus.—H. N.]

For the construction 'non amplius tris ulnas,' see G. IV 207, A. 1 683.

106. 'Regum,' princes; the Homeric βασιλῆες. The flower is the hyacinth

P. Non nostrum inter vos tantas componere lites.
 et vitula tu dignus, et hic, et quisquis amores
 aut metuet dulcis, aut experietur amarus.
 claudite iam rivos, pueri : sat prata biberunt.

110

(ἀ γραπτὰ ὑάκινθος, Theocr. x 28), supposed to be inscribed Αἰ Αἰ to express the name of Αἴας, or Υ for Ὑάκινθος, the lost favourite of Apollo. [If this traditional explanation be the right answer to the riddle, it is absurdly easy. Serv. saw this and tries to redeem its credit by supposing a trap : the hyacinth, he says, grows in all lands, not in any special one. There is more truth in another comment of his : 'sciendum aenigmata haec carere aperta solutione.']

108-111. '*P.* I cannot decide between those who feel so truly and sing so well.'

109. Both ultimately wagered a heifer. ee v. 49. 'Et quisquis amarus :' this is obscure and harshly expressed, [and many editors have proposed to alter the text,

but it is confirmed by Serv. and Anthol. Lat. xvii 461 (p. 66, Riese). 'Experietur amarus' may be rendered 'dares to try it, though bitter.'—H. N.] The general sense is, as Serv. says, 'Et tu et hic digni estis vitula et quicumque similis vestri est,' any one who can feel love as you have shown you can, the alarm which attends its enjoyment, and the pangs of disappointment.

111. Palaemon says this to his slaves ; it also alludes metaphorically to the stream of bucolic verse. 'Rivi' are cuts for irrigation, watering cattle, and drawing water, G. i 269. 'Rivus est locus per longitudinem depressus, quo aqua decurrat,' Dig. XLIII xxi l. 2.

ECLOGA IV. [POLLIO.]

THE precise reference of this famous poem is still, and will probably remain, unsolved. It seems, however, possible to arrive at some proximate results.

The date is the year 40 B.C., when Pollio was consul and assisted in negotiating the peace of Brundisium. The hero of the poem is a child born, or to be born, in this auspicious year, who is gradually to perfect the restoration then beginning. It is difficult to say who the child was, for Virgil's anticipations were never fulfilled. It is not certain that the child was ever born: it is certain that, if born, he did not become the regenerator of his time. On the other hand, there is considerable scope for conjecturing who he may have been. Pollio himself had two sons born about this period: the treaty was solemnized by the marriage of Antonius with Octavia, and the union of Octavian with Scribonia had taken place not long before. [The most ancient commentators, if we may judge by the notes in Macrobius (S. III vii 1), Servius, and the Berne scholia, were not agreed whether the poem was to be referred to Octavian, or to one or other of Pollio's sons.] One of these, called Saloninus from his father's capture of Salona in Dalmatia, died in his infancy; the other, C. Asinius Gallus, who is said to have spoken of himself to Asconius Pedianus as the person meant, lived to be discussed by Augustus as his possible successor (Tac. A. I 13), and finally fell a victim to the jealousy of Tiberius (ib. VI 23). Octavian's marriage issued in the birth of Julia: Octavia's child, if it was ever born, was the child not of Antonius, but of Marcellus, her former husband, by whom she was pregnant at the time of her second marriage. Any of these births, so far as we can see, may have appeared at the time to a courtly or enthusiastic poet a sufficient centre round which to group the hopes already assumed to be rising in men's minds, and though the next three years may have made a difference in this respect, the poem would still continue to be in its general features the embodiment of a feeling not yet extinguished, and as such might well be published along with the other Eclogues. The peace of Brundisium itself was not so much the cause of this enthusiasm as the occasion of its manifestation—the partial satisfaction of a yearning which had long been felt, not merely the transient awakening of desires hitherto dormant. How far such hopes may have been connected with the expectation of a Messiah opens a wide question. The coincidence between Virgil's language and that of the Old Testament prophets is striking: but it may be doubted whether Virgil uses any image to which a classical parallel cannot be found.

SICELIDES Musae, paulo maiora canamus.
non omnis arbusta iuvant humilesque myricae;

1-3. 'My rural song must now rise higher.'

1. 'Sicelides Musae,' Theocritus. See Intr. to the Eclogues, p. 7, note.

2. Tamarisks form part of Theocr.'s scenery (I 13, V 101). Here they mark the lower strain of rural poetry, the species

of which 'silvae' symbolize the genus. They were moreover sacred to Apollo, who was *μυρικός* and *μυρίανος*, being represented with a branch of one in his hand, and so they are associated with poetry here as in VI 10, X 13. They grew in Italy, Pliny XIII 16.

si canimus silvas, silvae sint consule dignae.
 ultima Cumaei venit iam carminis aetas;
 magnus ab integro saeculorum nascitur ordo.
 iam redit et Virgo, redeunt Saturnia regna;

5

3. 'Silvas : ' comp. 1 2. 'If my theme is still to be the country, let it rise to a dignity of which a consul need not be ashamed.' A consul like Pollio need not be ashamed of the rural glories of the golden age, 111 89, note.

4-17. 'The golden age returns. A glorious child is born. Thy consulship, Pollio, will usher him into life, and inaugurate a period of peace, when the world will obey a godlike king.'

4. 'Cumaei carminis:' [the original Sibylline Books were burnt B.C. 83, but Sibylline oracles were current later. Phlegon, Mirab. 10, preserves two which claim to come from Cumae, and may belong to B.C. 126 or even an earlier date (see Diels, Sibyllinische Blätter): Cicero alludes to others. Mommsen suggests (Eph. Epigr. viii p. 237) that Virg. had in mind a still extant oracle (Phlegon, Longaev. 4; Zosimus 11 6) which mentions a cycle of 110 years: counting from the saecular games in or about B.C. 149, the end of a cycle would nearly coincide with Pollio's consulship. The oracle was used later to justify the saecular games of B.C. 17, and may well have been known to Virg., but it contains no reference to a return of a Golden Age, and it is safer to suppose that Virg. had in mind some oracle now lost. This suggests a different source, the $\chi\eta\sigma\mu\omicron\iota\ \sigma\iota\beta\upsilon\lambda\lambda\iota\alpha\kappa\omicron\iota$ (last edited by A. Rzach), a collection partly of Jewish, partly of Christian hexameters, of which Book III contains (he thinks) some parallels to Virg. (vv. 367, 619, 743, 788 and foll.). This book probably dates from the second century B.C. (see Schürer, Geschichte des jüdischen Volkes ii 794), but the resemblances between it and Virg. are not really striking: the closest is 788 foll., a passage modelled on Isaiah XI 6 (see note on v. 24). It may be convenient, though its value is somewhat doubtful, to add the note of Serv. on the present passage: 'Cymaei: Sibyllini, quae Cumana fuit et saecula per metalla divisit: dixit etiam quis quo saeculo imperaret, et Solem ultimum, id est decimum, voluit.' On v. 10 he adds that Apollo is the Sun and signifies Augustus. Censorinus, De Die Natali xvii 6, ascribes to the Etruscans a course

of ten saecula. A treatise by Varro on 'saecula' has not come down to us.]

['Carminis,' prophecy, comp. Fest. p. 165 M; Livy i xlv 5; Tac. A. iv 43, vi 12 (of the Sibylline books).—Contrib. to Latin Lex. p. 406.—H. N.]

5. The reference is to the doctrine of the 'annus magnus,' a vast period variously estimated to be completed whenever all the heavenly bodies should occupy the same places in which they were at the beginning of the world. In each of these periods it was supposed that the cycle of mundane and human history repeated itself. See Voss's commentary, and compare Cicero, Somn. Scip. 11 11, and Censorinus, De Die Natali, xviii. Whether this doctrine was actually connected with the theory of saecles, or whether the connexion is due to Virg.'s fondness for mixing up pieces of heterogeneous learning, is not easy to say. In any case the meaning would seem to be that when the last saecle is over, the cycle is to be repeated.

'Ab integro,' 'columnam efficere ab integro,' Cic. Verr. 11 i 56. We also find 'ex integro' and 'de integro,' like 'de novo.' The lengthening of 'integro,' though not usual, is found Lucr. i 927, and elsewhere.

6. Heyne places a semicolon after 'Virgo.' Wagn. strikes it out and adds this note: "'Redit et Virgo, redeunt Saturnia regna" is the same thing as "et Virgo et Saturnia regna redeunt." The repetition of a noun or verb is often equivalent to a repetition of the copula: A. vii 327, "Odit et ipse pater Pluton, odere sorores Tartareae monstrum;" viii 91, "Labitur uncta vadis abies: mirantur et undae, Miratur nemus inusuetum fulgentia longe Scuta virum;" xi 169, "Quin ego non alio digner te funere, Palla, Quam pius Aeneas, et quam magni Phryges, et quam Tyrrhenique duces, Tyrrhenum exercitus omnis;" xii 548, "Totae adeo conversae acies, omnesque Latini, Omnes Dardanidae." The preposition is repeated in the same way A. x 313, "huic gladio perque aerea suta, Per tunicam squalentem auro, latus haurit apertum."

'Virgo,' Justice, who left the earth in the iron age, G. 11 474.

iam nova progenies caelo demittitur alto.
 tu modo nascenti puero, quo ferrea primum
 desinet ac toto surget gens aurea mundo,
 casta fave Lucina: tuus iam regnat Apollo. 10
 teque adeo decus hoc aevi, te consule, inibit,
 Pollio, et incipient magni procedere menses;
 te duce, si qua manent sceleris vestigia nostri,
 inrita perpetua solvent formidine terras.
 ille deum vitam accipiet divisque videbit 15
 permixtos heroas et ipse videbitur illis,
 pacatumque reget patriis virtutibus orbem.

7. 'Nova progenies,' a new and better race of men.

'Caelo demittitur' comp. G. II 385, 'Necnon Ausonii Troia gens missa coloni.'

8. ['Nascenti': comp. Sen. Cons. Polyb. IV 3, 'nascentum hominum fletum.'—H. N.] 'Nascenti—fave,' smile on or speed his birth.

It is difficult to say whether 'quo' is ablative of the agent ('who shall end the race of iron and restore the age of gold'), or an ablative absolute or ablative of circumstance, like 'te consule'—'under whom the age of iron shall end,' etc.

'Primum,' at last; comp. I 45.

'Ferrea:' we do not know the details of the tenfold metallic division (if such a division existed), and so cannot tell whether the iron age occupied the last place in it, or whether it is simply borrowed from the Hesiodic ages. Juv. XIII 28 speaks of his 'nona aetas' as worse than the age of iron, [but the text is doubtful (Bücheler and Friedländer prefer other readings), and the phrase, if correct, means the ninth century A.U.C.]

10. If any reliance is to be placed on Serv.'s statement (quoted on v. 4), that the Sibylline prophecy made the last of the ten ages the age of the sun, it is doubtless he that is spoken of here as Apollo. The sceleris of the Sun is going on; and when that is over, the new cycle will succeed. Whether any further historical reference is supposed—to Apollo as the reputed father of Octavian, for instance, must depend on the opinion held as to the hero of the Eclogue.

'Tuus,' because Lucina and Diana (Eilithyia and Artemis) were identified.

11. 'Tuque adeo' are not unfrequently found together, as in G. I 24; Ennius,

Medea, fr. 14, 'Iuppiter, tuque adeo, summe sol, qui omnis res inspicis;' 'adeo' here as elsewhere gives rhetorical prominence to the word after which it is used. See G. II 323, IV 197, A. III 203.

'Decus hoc aevi,' this glorious age. Lucr. II 15, 'Qualibus in tenebris vitae quantisque periculis Degitur hoc aevi quodcumque est.' Comp. 'monstrum mulieris,' Plaut. Poen. I ii 64, and δεσπότην στήθος, Aesch. Choeph. 770. [Or the words may mean 'this glory of the age.']

'Inibit,' commence, as in 'anno ineunte,' 'ineunte aetate.'

12. ['Pollio:'] some ed. substitute 'orbis' quite arbitrarily. See Introd. p. 22.]

'Magni menses,' the periods into which the 'magnus annus' was divided.

13. 'Te duce,' under your auspices as consul, giving the year its name.

'Sceleris,' not general, like 'fraudis,' v. 31, but referring to the guilt of civil bloodshed. Keightley refers to Hor. Od. I ii 29, 'Cui dabit partis scelus expiandi Iuppiter?' and Epod. VII 1, 'Quo, quo scelesti ruitis?' So 'pacatum orbem' v. 17.

14. 'Inrita,' in its strict sense, by their abolition.

15. 'Ille,' the 'puer' of v. 8. ['Accipiet' may mean 'shall be initiated into,' on the analogy of 'accipere sacra.'—H. N.] 'Deum vitam,' characteristic of the golden age; ὡς θεοὶ ζῶον, Hesiod, Works, 112. Another of its privileges was familiar intercourse with the gods on earth (Catull. LXIV ad fin.), here expressed by 'videbit.'

16. 'Videbitur' expresses the reciprocal character of the intimacy. In Aesch. Eum. 411 the Furies are said to be οὐτ' ἐν θεαῖσι πρὸς θεῶν ὀρωμίνας.

17. 'Patriis' cannot be explained without solving the riddle of the Eclogue.

at tibi prima, puer, nullo munuscula cultu
 errantis hederas passim cum baccare tellus
 mixtaque ridenti colocasia fundet acantho. 20
 ipsae lacte domum referent distenta capellae
 ubera nec magnos metuent armenta leones.
 ipsa tibi blandos fundent cunabula flores.
 occidet et serpens, et fallax herba veneni
 occidet ; Assyrium volgo nascetur amomum. 25
 at simul heroum laudes et facta parentis

18-25. 'Nature will honour the babe ; flowers will spring spontaneously : herds will come to be milked for its sustenance : poison will be taken out of its way.'

18. The coming of the golden age will be gradual, its stages corresponding to those in the life of the child. Thus its infancy is signalized by the production of natural gifts and the removal of natural evils, things which were partially realized even before. In its youth the vegetable world will actually change its nature. In its manhood the change will extend to the animals. Further, the particular changes would seem to be adapted to the successive requirements of the child. There are toys and milk for its childhood, which is to be specially guarded from harm ; stronger food for its youth, which is not to be without adventure and military glory ; quiet and prosperous luxury for its mature age.

'Munuscula,' as Keightley well remarks, are gifts for children. 'Non invisa ferēs pueris munuscula parvis,' Hor. Ep. I vii 17. 'Nullo cultu' is characteristic of the golden age, G. I 128, Hesiod, Works, 118. Rom. has 'Ac tibi nulla, pater, primo,' a strange aberration.

19, 20. 'Passim' goes with 'fundet.' What now grows only in certain places will then grow everywhere. It is doubtful what 'baccar' is: some say foxglove, others asarabacca, a creeping plant with leaves somewhat like ivy. [It was identified, though wrongly according to Pliny, with the 'nardum rusticum.' Its root was used for scenting unguents, and also in medicine: Plin. XXI 29, 132.—H. N.]

'Colocasium' is the Egyptian bean, which was introduced into Italy. [Plin. XXI 87, describes it as a river plant with broad leaves, which were used for making into drinking cups. There were two forms of the word, 'colocasium' and 'colocasia.'

The 'acanthus' was a garden plant with long broad leaves, the root of which was used in medicine: Plin. XXII 76.—H. N.]

21. 'Ipsae,' of their own accord; so *αὐτὸς* in Greek, e.g. Theocr. XI 12. Comp. G. III 316, A. VII 492. 'The goats shall need no goatherd, and the kine no keeper. They are to produce milk for thee, so lions and wolves will not approach them.' Comp. Hor. Epod. XVI 49, which seems to be imitated either by or from Virg., according to the date which we assign to its composition.

23. 'Ipsa' in the same sense as 'ipsae,' v. 21, 'nullo cultu,' v. 18. 'No need to make thee a bed of flowers. The ground on which thou liest will of its own accord bring forth flowers to show its love.'

'Blandos' has the sense of 'blandiri.'

24. Comp. Hor. Od. III iv 17 foll.:

'ut tuto ab atris corpore viperis
 dormirem et ursis, ut premerer sacra
 lauroque collataque myrto,
 non sine dis animosus infans.'

The serpents and poisonous plants are removed for the child's sake. So in the remarkable parallel to this whole passage in Isaiah XI, 'The sucking child shall play on the hole of the asp' (v. 8).

'Herba veneni,' poisonous herb. 'Veneni' is a gen. of quality. Comp. Juv. III 4, 'gratum litus amoeni Secessus.'

'Fallax' is well illustrated by Serv. from G. II 152, 'nec miseros fallunt aconita legentis.'

25. For 'amomum' see III 89.

26-36. 'When he advances to youth, corn, wine, and honey will come unbidden: there will also be the glory of adventure.'

26. 'Ac simul' Rom. 'Heroum laudes,' *ἐπὶ ἀνδρῶν ἡρώων*, Hom. II. IX 524.

'Parentis,' Serv., Nonius, Gud. (originally) and two other of Ribbeck's cursives,

iam legere et quae sit poteris cognoscere virtus,
 molli paulatim flavescet campus arista,
 incultisque rubens pendebit sentibus uva, 30
 et durae quercus sudabunt roscida mella.
 pauca tamen suberunt priscae vestigia fraudis,
 quae temptare Thetim ratibus, quae cingere muris
 oppida, quae iubeant telluri infindere sulcos.
 alter erit tum Tiphys, et altera quae vehat Argo
 delectos heroas ; erunt etiam altera bella, 35

is doubtless the true reading: 'parentum,' Rom., Gud. (corrected), would be a natural correction from such passages as A. I 645, II 448, X 282. The child will read of the glories of its father and the heroes of older time, subjects of poetry and history, and thus learn to conceive of virtue.

28. 'Flavescet arista,' that is, spontaneously, which seems to be expressed by 'paulatim.' There will be no process of sowing, from which the springing of the crop can date, but the field will gradually develop into corn. Comp. Hor. Epod. XVI 43 foll. (of the Islands of the Blest): 'Reddit ubi Cererem tellus inarata quotannis, Et imputata floret usque vinea, Germinat et nunquam fallentis termes olivae.'

'Molli' seems to include the notions of flexibility (comp. V 31) and delicacy. The corn-ear may of course be looked upon as rough, 'horrens;' but it may also suggest an opposite notion, with no less truth. To suppose with some of the commentators that the corn of the golden age is to be no longer pointed and bearded, but soft, is, I think, to mistake the poetical image.

29. In G. I 132 Virg. goes one step further, intimating that in the golden age wine ran in the beds of the rivers.

30. 'Roscida,' because it was imagined that honey fell in the shape of dew, and was gathered by bees from leaves, 'aerii mellis caelestia dona,' G. IV 1. On the return of the golden age it will appear in larger quantities; men will be able to gather it from leaves for themselves, as they will obtain every thing else without labour. Comp. G. I 131. There also may be a reference, as Heyne remarks, to the honey sometimes found in the hollows of trees (G. II 453), as there is in the parallel

passage, Hor. Epod. XVI 47, 'Mella cava manant ex ilice,' as if this would happen everywhere under the new order of things; and this is supported by Hesiod, Works, 232 foll., οὔρει δὲ δρύς Ἄκη μὲν τε φέροι βάλάνους, μίσση δὲ μελίσσαις, of the golden-age blessings which attend the good even now.

31. 'Fraudis,' the wickedness of artificial society, opposed to the innocence of the state of nature. The idea is kept in 'temptare' and in 'mentiri' (V. 42).

32. 'Temptare' like 'solicitant freta,' G. II 503. Comp. Hor. Od. I iii 9 foll. 'Cingere,' imitated by Ov. M. I 97 (speaking of the golden age), 'Nondum praecipites cingebant oppida fossae.' ['Thetin' Rom.]

33. 'Infundunt pariter sulcos,' A. V 142. Rom. has 'tellurem infindere sulco.' The necessity of ploughing was among the marks of transition from the golden to the silver age (G. I 122, 125, 134), and its continued practice is a proof that the regeneration of things is still incomplete. Comparing this line with v. 28, we must suppose that though corn grows spontaneously, men are greedy for more, and try to extort more by cultivation. See v. 40.

34. In the Sibylline cycle all history was to come over again. Virg. seems to be mixing this notion with that of a return to the age of gold, so as to give some scope to the national love of conquest. In Hesiod the heroes form a fourth age, between brazen and iron. Tiphys was helmsman of the Argo.

35. The Argonauts are called 'delecti viri' Enn. Med. 5, 'lecti iuvenes' Catull. LXIV 4, perhaps a translation of ἀριστοί. See Eur. Med. 5 (Elmsley's note), Theocr. XIII 16.

'Altera bella,' the old wars over again.

atque iterum ad Troiam magnus mittetur Achilles.
 hinc, ubi iam firmata virum te fecerit aetas,
 cedit et ipse mari vector, nec nautica pinus
 mutabit merces: omnis feret omnia tellus.
 non rastros patietur humus, non vinea falcem; 40
 robustus quoque iam tauris iuga solvet arator;
 nec varios discet mentiri lana colores,
 ipse sed in pratis aries iam suave rubenti
 murice, iam croceo mutabit vellera luto;
 sponte sua sandyx pascentis vestiet agnos. 45

36. There seems no special relevancy in the mention of the Trojan war. The context does not suggest that the youthful warrior is himself Achilles; nor on the other hand can we suppose with Mr. Munro that the great enemy of the Trojans re-appears because the Roman hope of the world is too young to take the field. Had Virg. intended either of these thoughts, he would have expressed himself more definitely, as there is a *prima facie* incongruity about each which it would have been the poet's office to mitigate. Probably he merely instances the Trojan War as a mythical war, without reflecting on the legendary connexion between Troy and Rome, which he was himself hereafter to do so much to perpetuate in the *Aeneid*.

37-47. 'When he is grown to manhood, even commerce will cease, for every thing will grow everywhere; nature will supply the place, not only of industry, but of artificial civilization.'

38. 'Vector,' the passenger, which seems to be its sense where it is used of maritime carriage. 'Et ipse,' the peaceful passenger, and therefore much more the sailor in a ship of war.

39. 'Mutat merces' of a merchant, *Hor. S. I iv 29*.

'Omnis,' etc.: *comp. G. I 63, II 109* notes. Virg. doubtless copies Hesiod, *Works, 236 foll.*, who says of his upright nation, *οὐδ' ἐπι νηῶν Νισσοῦνται, καρπὸν δὲ φέρεי λειδωρος ἄρουρα*.

40. We seem to have gathered from *vv. 31 foll.* that, even after nature has begun to return to the freedom and spontaneity of the golden age, man will still continue to deal with her by force. We are now told that in the full development of her gracious bounty such violence will,

as it were, die a natural death, the same change which releases the sea and the seaman from traffic releasing the earth and the husbandman from tillage.

41. Compare *Lucr. v 933, vi 1253*, 'robustus curvi moderator aratri.' The epithet is not merely ornamental, as the force employed indicates the difficulty of the labour. *Comp. G. I 63, II 38, 238, 260 foll., 355 foll. notes*.

It signifies little whether 'tauris' be taken as *dat.* or *abl.* Both are sufficiently supported; and the difference in sense between the two cases in such a connexion seems scarcely ascertainable.

43. [*Serv. says 'traditur in libris Etruscorum, si hoc animal miro et insolito colore erit infectum, omnium rerum felicitatem imperatori portendi.'* The note occurs in a fuller form in *Macrob. S. III vii 1.—H. N.*]

44. We may either take 'mutabit' for 'fucabit,' or in its common sense—'will change (the colour of) his fleece for (or 'into') purple and yellow.'

'In pratis' is the same as 'pascentis,' *v. 45*—the live sheep in the field, opposed to the fleece in the hands of the dyer. The country will enjoy the advantages of luxury without its artificial concomitants, from which it rightly shrinks, *G. II 465*.

45. 'Sandyx,' scarlet. [*Pliny, xxxv 40*, describes 'sandyx' as a mixture of 'sandaraca' and 'ochra,' observing that Virg. in this passage speaks of it as a plant.—*H. N.*] Some have had the bad taste to think that these lambs of the golden age were to be turned scarlet by feeding on this plant. Bentley wished to read 'nascens,' which seems to show that he did not understand 'in pratis.'

'talìa saecla,' suis dixerunt, 'currìte,' fusis
 concordēs stabilì fatorum nymine Parcae.
 adgrèdere o magnos, adèrit iam tempus, honores,
 cara deum suboles, magnum Iovis incrementum!
 aspice convexo nutantem pondere mundum, 50
 terrasque tractusque maris caelumque profundum,

46. 'Talia saecla,' 'O blessed ages,' in prose, 'cum talia sitis, currìte.' This use of 'talìa' in the vocative may be compared to that of *ὄντος*, e.g. Soph. O. C. 1627, *ὦ ὄντος, ὄντος, Οἰδίπους, τί μέλλομεν Χωρεῖν*; Virg. clearly had in his mind Catull. LXIV 326, 'sed vos, quae fata secuntur Currìte ducentes subtegmina, currìte, fusi,' though he has, as usual, varied the expression, making the Fates address the ages, though they talk to the spindles. The process in each case seems to be merely that of ordaining the particular destiny, as a thing to come. So *ἐπιελάθειν* is used in Hom. for ordaining. The attempt of later editors, after Cerda, to bring Virg. more into conformity with Catullus by making 'talìa saecla' the acc. after 'currere' is exceedingly harsh. [Serv., however, says 'currìte' = 'vol-vite'.—H. N. And Symmachus apparently took the words thus: Class. Review, viii 251.]

47. 'The Parcae that utter in concert the fixed will of fate.' For a similar use of 'numine' comp. A. II 123, 'Quae sint ea numina divom Flagitat.' 'Numen fatorum' is so far a pleonasm that either word might be used without the other in nearly the same sense. For the line generally Serv. comp. Hor. Carm. Saec. 25 foll. Add Ciris, v. 125, 'Concordes stabili firmarunt numine Parcae.'

48-59. 'Let him assume his throne—the whole world waits for him with expectant longing. O may I live long enough to tell of his glories! The theme would at once exalt me above all poets, human or divine.'

48. So Augustus is addressed G. I 42. 'Magnos honores' is explained by Voss of the successive magistracies at Rome, which is possible, however frigid it may seem to our taste.

49. 'Deum' is used generally, as Aeneas is called 'deum certissima proles,' A. VI 322 (note).

'Iovis incrementum' appears to be a singular expression. The word is seldom

applied to a person, and it is elsewhere used with a gen. of that of which it is the beginning, as in Oxy. M. III 103. [Serv. says it = 'nutrimentum,' and] Mr. Munro (Journal of Philology, vol. iv pp. 292 foll.) understands the expression to mean 'the germ of a future Jupiter,' destined to rule on earth as Jupiter rules in heaven. This would agree with the meaning of 'incrementum,' elsewhere (Mr. Munro compares among other passages Q. Curt. v i 42, where noble youths of the king's body-guard are called 'magnum praefectorum et ducum incrementa et rudimenta'), but the thought would be extravagant, expressing flattery which Virg. does not bestow elsewhere, even on Augustus. Meineke on Soph. El. 1146 (p. 266 of his edition of Soph. O. C.) thinks the notion is that of the child regarded as an honour or pleasure to his father Jupiter, and gives as the Greek equivalent of the words *Διὸς μέγα ὄφελος* or *Διὸς μέγ' ὄνειρα*. [The Berne scholia suggest, among other less probable alternatives, that 'Iovis incrementum' means 'cui Iuppiter magnam dederit incrementum,' i.e. 'augmentum': 'whom Jupiter delights to honour'.—H. N.]

50. 'Mundum,' the whole world, as explained by the next line. Heyne well remarks that the world is moved at the coming of this divine boy as a sanctuary is moved at the coming of its god. See A. III 90, VI 256. [Possibly 'bowing under its weight of evil'.—H. N. So Serv. 'nutat praesentibus malis.'] Forb. rightly rejects the explanation of Heyne and others, 'Aspice mundum, etc. ut laetantur,' observing that 'nutantem' is equivalent to 'ut nutat.'

51. 'Caelum profundum,' 'the azure deep of air,' Gray; but this is scarcely classical. 'Profundus,' like 'altus' and *βαθύς*, means high as well as deep, [though it is rare in that sense, which may have commenced with Virg. See G. II 391.] The line recurs G. IV 222.

aspice, venturo laetantur ut omnia saeclo!
 o mihi tum longae maneat pars ultima vitae,
 spiritus et, quantum sat erit tua dicere facta:
 non me carminibus vincet nec Thracius Orpheus, 55
 nec Linus, huic mater quamvis atque huic pater adsit,
 Orphei Calliopea, Lino formonsus Apollo.
 Pan etiam Arcadia mecum si iudice certet,
 Pan etiam Arcadia dicat se iudice victum.
 incipe, parve puer, risu cognoscere matrem: 60
 matri longa decem tulerunt fastidia menses;

52. [Pal. resumes here after the lacuna, which began III 71, and continues to G. I 322.]

'Laetentur' Pal., Gud., 'laetantur' Rom. Both are admissible: see Bent. on Hor. Ep. I i 91. 'Aspice ut' is here merely a rhetorical way of making a direct statement, which might naturally be thrown into the indicative: there is no appeal to the mind of a second person as in A. VIII 386, 'Aspice qui coeant populi, quae moenia clausis Ferrum acuant portis in me excidiumque meorum.'

53. Ribbeck's MSS. (Med. is wanting) seem to agree in 'tum' [which also appears in some MSS. of Serv. and is accepted by Mr. Nettleship.] Virg. wishes that he may be alive, though in old age, when the child has grown to manhood. [Others read 'tam,' and so Conington very doubtfully. In that case] there is here a confusion of expression, owing to the number of predicates crowded into the sentence.

Pal. and Gud. have 'longe;' but the word appears not to be used for 'longum' or 'diu.' Serv. has 'longae.'

54. 'Spiritus' expresses both breath and poetical inspiration, the latter as in Hor. Od. IV vi 29. 'Tua dicere facta' for 'ad dicenda tua facta,' the infinitive being in fact a dative: see on G. I 213.

55. 'Non—nec:' the main clause being divided, a second negative is introduced with each of the clauses into which it is divided. [This usage seems first to occur in Terence, and is common from Cicero onwards. Dräger II p. 85, A. IX 428, E. v 25.]

'Orpheus:' he naturally chooses mythic poets to contrast with himself as the bard of the new golden age.

['Vincet' Pal. corrected, Rom., and

Gud. originally, etc.: so Thilo; 'vincat' Pal. originally, and Gud. corrected: so Ribbeck.—H. N.]

57. 'Orphei' ('Ορφέϊ, 'Ορφέϊ) occurs again G. IV 545, 553.

'Calliopea,' Καλλιόπεια, another form of Calliope, occurring also Prop. I ii 58, Ov. F. v 80.

'Formonsus,' a perpetual epithet like 'pulcher Apollo,' A. III 119. ['Formonsus,' Pal. originally.—H. N. See I 5.]

58. The Arcadians would be competent judges (x 31), as well as partial to their god Pan.

59. As might be expected, some MSS., including a correction in Pal., have 'dicet.'

60-63. 'Let him smile on his mother: she deserves it: and without her smile he can never come to honour.'

60. These last four lines contain the poet's prayer for the speedy appearance of the young deliverer.

'Risu' is the smile of the child opening its eyes on its mother, who is supposed (v. 62) not to smile on it till it has smiled on her—a natural enough 'argumentum ad infantem.' Heyne, Wund., and Voss, after [Serv. and] Julius Sabinus, understand 'risu' of the mother's smile, by which the boy is bidden to recognize her, appealing to v. 62. So far, however, from necessitating such an interpretation, v. 62 will scarcely agree with it, as the words there imply that the parents have not yet smiled. Besides, the command to recognize the mother by her smile is very flat, especially when repeated in the second 'Incipe,' as Wagn. remarks, and the construction 'risu cognoscere' harsh.

61. 'Longa fastidia,' i. q. 'taedia.' 'Fastidium ferre' and 'afferre' occur elsewhere, Quint. v 14, Cic. Mur. IX 21.

incipi, parve puer : cui non risere parentes,
nec deus hunc mensa, dea nec dignata cubili est.

Ten months was recognized by the Roman law as the full period of gestation.

The writers of most of the cursives, not knowing that 'tulērunt,' 'stetērunt,' etc., are recognized by the grammarians, give 'tulerint,' or 'tulerant,' [and Ribbeck thinks that 'tulerint' was the original reading of Pal. Serv. mentions a variant 'abstulerint,' which is not found in any of Ribbeck's MSS.—H. N.]

62. 'Delay no longer ; if thou dost, thou wilt forfeit the love of thy parents, who are already weary with waiting, and a child whom his parents do not love can never become a hero or enjoy a hero's reward'—like Hercules, who (Hom. Od. xi 601) μετ' ἀθανάτοισι θεοῖσι Τίρπεται ἐν θαλίῃσιν καὶ ἔχει καλλίσφυρον "Ἡβην. Comp. also Hor. Od. iv viii 30.

['Cui : ' for this use of the dat. Landgraf compares G. III 258, III 565 ; A. x 745, 'olli dura quies oculos . . urget' ; very similar are E. VII 7, G. I 343, etc. It has

been usually assumed that 'risere' governs the dative, 'smiled on him,' but there is no authority for such an use.]

A remarkable various reading is preserved by Quintilian (IX 3), 'qui non risere parentes,' the point of his quotation being the change of number as exemplified in 'qui' followed by 'hunc.' The sense would agree well with 'risu cognoscere,' as just explained, but the transition from 'qui' to 'hunc' would be inexcusably harsh in a simple passage, and the construction 'ridere aliquem,' 'to smile on a person,' is not sufficiently supported by Plaut. Capt. III i 21, where some notion of mockery is intended, as a parasite is speaking. Probably Quint. found 'quoi' in his copy, and read it 'qui' rather than 'cui.' [Bonnell, in his ed. of Quintilian, conjectured 'qui non risere parenti' (see Class. Review vii 200.) As is pointed out above, there is no authority for this use of 'rideo' with dat.]

ECLOGA V. [DAPHNIS.]

MENALCAS. MOPSUS.

MENALCAS invites Mopsus, a somewhat younger shepherd, to play and sing. Mopsus complies with a funeral song on Daphnis, the ideal shepherd. Menalcas matches it by a song on Daphnis' apotheosis. They praise each other, and exchange gifts.

In the introduction, which contrasts with that to Ecl. III, being an interchange of courtesies, not of scurrilities, Virgil follows the first Idyl of Theocritus: in the form of the singing-match, the sixth and ninth, as also to a certain extent in the conclusion. The subject of the songs, too, bears a relation to the first Idyl, where Thyrsis sings of the dying hours of Daphnis, a hero of pastoral mythology, the beloved of the nymphs, and victim of the wrath of Aphrodite. The story, which is variously related, seems to have been taken up by Virgil where the other narrators dropped it. This of itself favours the notion that Daphnis is intended to represent some other person; otherwise there would be no object in imagining an apotheosis for him. If we are to seek for any such person, it must be the dictator Caesar, an opinion which was current in the time of Servius, though [Suetonius assures us that it is Virgil's brother Flaccus who is meant, and Servius adds that others thought of Quintilius Varus (Hor. Od. I 24)] and others of the mythical Daphnis. The apotheosis would be extravagant in the case of a private individual, but answers sufficiently well to the honours decreed to Caesar soon after his death, the placing of his statue in the temple of Venus Genetrix, the change of the name of the month Quintilis to Julius, and the commemoration of his birthday in the calendar. In the preceding Eclogue Virgil has shown himself disposed to celebrate political and social regeneration under pastoral images: in Ecl. IX 46, which the mention of Daphnis, though only as a shepherd, slightly connects with the present poem, he displays his sympathy with Caesar in particular as the shepherd's supposed patron. This symbolizing is merely a result of the identification of the poet with the shepherd (see the Introduction to the Eclogues), persons and things affecting the former being described as affecting the latter, just as Gallus in Ecl. x, being the shepherd poet's friend, is made a shepherd himself; so that in maintaining it we are not, as Keightley thinks, committed to the position 'that Virgil, who was perhaps the least original poet of antiquity, was the inventor of a new species of poetry.' At the same time we need not be anxious, like certain critics mentioned by Servius, to find a meaning in every detail, as if the lions and tigers stood for the nations subdued by Caesar, or the lovely flock which Daphnis fed for the Roman people.

The date of the Eclogue can only be fixed with reference to Ecl. II and III (see v. 86), which are earlier than it, but we may conjecture that it was written soon after the order by the triumvirs for the commemoration of Caesar's birthday, in 42. [Thilo points out, further, that Cornificius, who criticised v. 36, died in 41.] Virgil seems to identify himself with Menalcas, as in Ecl. IX. Servius finds an historical counterpart for Mopsus in Aemilius Macer, a poet of Verona. The scenery is again from Theocritus. For the structure of the poem see Introduction to Ecl. VIII.

Me. CUR non, Mopse, boni quoniam convenimus ambo,
tu calamos inflare levis, ego dicere versus,
hic corylis mixtas inter consedimus ulmos?

Mo. Tu maior; tibi me est acum parere, Menalca,
sive sub incertas Zephyris motantibus umbras, 5
sive antro potius succedimus. aspice, ut antrum
silvestris raris sparsit labrusca racemis.

Me. Montibus in nostris solus tibi certat Amyntas.

Mo. Quid, si idem certet Phoebum superare canendo?

Me. Incipe, Mopse, prior, si quos aut Phyllidis ignis, 10
aut Alconis habes laudes aut iurgia Codri.

1-18. '*Me.* Suppose we play and sing in the shade here? *Mo.* Or in the cave perhaps. *Me.* You have but one rival. *Mo.* And he would rival Apollo. *Me.* Begin one of your favourite subjects. *Mo.* I have a new poem, which I would match against any of my rival's. *Me.* Do not think of him. I should never compare him with you.'

1. 'Menalca' is Virg., both here (v. 86, 87) and in E. IX, as Tityrus was in E. I. Theocr. VIII 4, 'Ἄμφω σοφισθέν δεδαγμένω, ἄμφω αἰδεύειν. With 'boni' = 'skilled,' comp. A. IX 572: 'Hic iaculo bonus.' 'Boni . . inflare,' like 'praestantior . . ciere,' A. VI 164: similar Grecisms abound in Virg. They may be explained by regarding the infinitive as a noun: see G. I 213 note.

2. So in Theocr. I 1, Thyrsis is skilled in singing, the goatherd in piping.

3. 'Consedimus' is supported by [Serv., the Berne scholia, and] all Ribbeck's MSS. except a correction in Gud. 'Consedimus' was introduced by Heinsius [and accepted by Con. and Haupt]. The present appears to be usual [at least colloquially], as Plaut. Amph. II 253, 'Cur non introeo in nostram domum?' Cic. II Fam. Ep. 7, 'Cur ego non adsum?' So 'quin' is found with a present indicative.

5. 'Motantibus' is the reading of all Ribbeck's MSS., and is itself more poetical than 'mutantibus,' which Heins. approved and Burm. introduced from a few copies.

We find 'succedere sub' Caes. B. G. I 24 (where it means to go up a hill), like 'ascendere ad,' but probably Virg. in writing v. 5 meant some other word to follow 'sub umbras.'

6. Mopsus modestly suggests that the cave would be preferable.

7. 'Labrusca,' 'wild vine'—the ἡμέρις

ἡβώσσα which grows over the cave of Calypso, Hom. Od. v 69. 'See yonder is the cave, embowered with wild vine.'

'Sparsit,' decks, with reference to 'raris:' possibly also pointing to the contrast between the cave and the dark clusters of the vine. Comp. II 41, 'sparsis etiam nunc pellibus albo;' A. VII 191, 'sparsitque coloribus alas.' Heyne well remarks that we are not to press 'raris,' as the poet is not thinking of the thinness of the shade as a good or bad quality, but simply intends to give a picture, as in VII 46, 'Et quae vos rara viridis tegit arbutus umbra.'

8. Menalca compliments Mopsus as they walk together towards the cave. 'Certat' Rom. 'certet' Pal. The indicative is clearly required by the sense. 'Certet' would imply that Menalca thought Amyntas comparable to Mopsus.

9. 'Quid si certet,' 'I suppose he will be doing so'—ironically. Wagn. cites instances of this formula, especially from Plautus and Terence e.g. Plaut. Poen. v iii 43, 'Quid si eamus illis obviam?' 'We had better go and meet them.'

10. Comp. III 52 note. 'Phyllidis ignes,' i.e. 'Phyllidis amorem,' love for Phyllis. 'Ignis' is used in Hor. Od. III vii 11 for a love: 'et miseram tuis Dicens ignibus uri.'

11. 'Habes,' III 52. 'ἔχεις' is used similarly in Greek, Aesch. Cho. 105, λέγουσ ἄν, εἰ τι τῶνδ' ἔχεις ὑπίστρεπον.

'Iurgia Codri,' invectives against Codrus;—the objective genitive throughout. Phyllis is a pastoral, not, as Serv. thinks, an historical person; though there would be nothing inappropriate in itself in making Mopsus' song legendary, like Silenus' in the next Ecl. and several of the Idyls of Theocritus. So Alcon may

incipere; pascentis servabit Tityrus haedos.

Mo. Immo haec, in viridi nuper quae cortice fagi
carmina descripsi et modulans alterna notavi,
experiar: tu deinde iubeto ut certet Amyntas. 15

Me. Lenta salix quantum pallenti cedit olivae,
puniceis humilis quantum saliuuca rosetis,
iudicio nostro tantum tibi cedit Amyntas.

Mo. Sed tu desine plura, puer; successimus antro.
Extinctum Nymphae crudeli funere Daphnis 20
flebant; vos coryli testes et flumina Nymphis;
cum complexa sui corpus miserabile nati
atque deos atque astra vocat crudelia mater.

be either the sculptor of Ov. M. XIII 683, etc., the Spartan hero, or the archer of Val. Fl. I 399. Codrus is doubtless the same as in VII 22, 26, where he is the favourite of Corydon, the enemy of Thyrsis. There is no inconsistency in this transition from legendary to feigned personages. The subject in each case is pastoral: the hero may or may not be.

12. 'Tityrus,' another herdsman. In Theocr. I 14 Thyrsis offers to look after the goats himself, while the goatherd is piping to him.

13. Voss takes 'cortice' of bark stript from the tree, but 'viridi' is against this. Spohn refers to Calpurnius I 33 foll., where fifty-six verses are represented as having been cut on a tree, and to E. X 53, note.

14. 'Setting them to music ('modulans') marked the alternations of the flute and voice ('alterna notavi'), [or perhaps 'the alternation of song': see III 59; VII 19].

15. Mopsus still feels the mention of Amyntas, so Menalcas reassures him. Pal., Gud., etc., omit 'ut:' but Lachm. on Prop. III vi 43 thinks the elision necessary on grounds of euphony, so I have not disturbed the received reading.

16, 17. Theocr. v 92. 'We must recollect that the leaves of the willow and the olive are of the same form, and of the same pale green colour, while the difference in the value of the trees is immense. The "saluunca," or Celtic reed, in like manner resembles the rose in odour, but is so brittle that it could not be woven into garlands, the great use made of the rose by the ancients.' Keightley.

19-44. *Mo.* Here we are in the cave. —A Daphnis' death the nymphs wept—

his mother clasped his body and called reproachfully on heaven—the cattle were not fed or watered—the very lions roared out their grief. Yes—he was the tamer of tigers, the founder of the rural worship of Bacchus—he was the glory of his friends—now that he is gone, there is a curse on the land, and weeds spring where good seed was sown. Let us make his tomb and write his epitaph.'

19. 'Desine plura,' a confusion of 'desine loqui' and 'parce plura loqui.' Ribbeck's MSS. give this line to Menalcas: but on such a point their authority is worth little. [Bentley, Ribbeck, Thilo, however, follow them.]

20. Daphnis, the ideal shepherd, may here allegorically represent Julius Caesar; see the Introduction. Daphnis was the favourite of the nymphs. Theocr. I 66, 141. ['Daphnis' Rom.—H. N.]

21. 'Flebant' with a pause after it, at the beginning of the verse, as in A. VI 213, to give a melancholy effect.

23. 'Atque—atque' seems to be for 'et—et,' as in Sil. I 93, 'Hic crine effuso atque Ennaeae numina divae Atque Acheronta vocat Stygia cum veste sacerdos.' [These seem to be the only two exx.; see G. III 257. The present line looks like an experiment for effect.] To take 'complexa' as a finite verb would be somewhat tame. 'Crudelia' is best taken with 'vocat,' as Wagn., 'denounces their cruelty aloud.'

'Astra,' the birth-star. If Caesar is Daphnis, contrast IX 46 foll., where Caesar has his own constellation. The position of 'mater' at the end of the sentence must not be overlooked in translation. Perhaps we may render 'while his mother, clasping to her heart the

non ulli pastos illis egere diebus
 frigida, Daphni, boves ad flumina; nulla nec amnem 25
 libavit quadrupes nec graminis attigit herbam.
 Daphni, tuum Poenos etiam ingemuisse leones
 interitum montesque feri silvaeque locuntur.
 Daphnis et Armenias curru subiungere tigris
 instituit, Daphnis thiasos inducere Bacchi 30
 et foliis lentas intexere mollibus hastas.
 vitis ut arboribus decori est, ut vitibus uvae,
 ut gregibus tauri, segetes ut pinguibus arvis,
 tu decus omne tuis. postquam te fata tulerunt,
 ipsa Pales agros atque ipse reliquit Apollo. 35
 grandia saepe quibus mandavimus hordea sulcis,

piteous corpse of her son, is crying out on the cruelty of the gods and the stars as only a mother can.

24. The variety of expression seems to show that the meaning is, the herdsmen did not think of feeding or watering their cattle, and the cattle cared nothing for food or water. This is confirmed by the sympathy of the lions, v. 27. The whole passage to v. 29 coincides with Theocr. 1 71-75, though the words are not similar; there is also a general resemblance to Mosch. III 23 foll.

25. For 'nulla nec—nec,' comp. IV 55.

26. 'Libavit,' 'attigit,' did not taste or touch, much less drink or eat.

'Graminis herbam,' 'herba' being the generic term, as in 'herba frumenti.'

27. Suetonius, Jul. 81, says that among the signs given to Caesar of his approaching death, the herds of horses which he had consecrated to the gods at the passage of the Rubicon, and left, as sacred animals, to range at large, refused to feed and shed floods of tears. Some find in 'Poenos' an historical allusion to Caesar's design of restoring Carthage: but the lions and the impropriety of introducing them (there being no lions in Sicily) are due to Theocr. I 72, and 'Poenos' is a literary epithet; see note on I 54. Rom. has 'gemuisse.'

28. Instances of 'loquor' for 'dico' in Cicero are given by Forc. Here however the word is emphatic: the mountains and woods echoed, and so told of the howling of the lions. Pal. has 'ferunt' for 'feri,' and appears originally to have confused 'silvae' with 'silvas.' Markland conj. 'montisque feros silvasque,' which Porson

approved: but the common reading, as explained above, amply justifies itself.

29. 'Curru subiungere tigris,' like Bacchus. Daphnis teaching the swains to celebrate the 'Liberalia' is an emblem of the civil reforms of Caesar. For the 'Liberalia' see G. II 380 foll., and Dict. A. [Serv., however, says that Caesar literally introduced the rites of Liber: 'hoc aperte ad Caesarem pertinet, quem constat primum sacra Liberi patris transulisse Romam.'—H. N.]

30. 'Inducere' is 'to introduce.'

31. They are called 'molles thyrsi' again in A. VII 390. 'Mollibus' probably means waving: see IV 28.

32, 33. Theocr. VIII 79, *τῆ δρυὶ ται βάλανοι κόσμος, τῆ μαλιδι μάλα τῆ βοῖ δ' ἄ μύσχος, τῆ βοκλώη αι βέες αἰται.* Comp. also Id. XVIII 29 foll. For 'arboribus,' the supporters of the vine, see G. II 89 note. The mention of the vine seems suggested by the rites of Bacchus.

34. 'Tulerunt:' Heyne compares Hom. II. II 302, *ὄς μὴ κῆρες ἔβαν θανάτῳ φέρουσαι.* The word occurs again with 'fata' in a different sense, A. II 34 note.

35. Apollo Nomius is joined with Pales G. III 1. Keightley remarks on the impropriety of associating a purely Italian with a Greek deity—a specimen of the confusion which we find in the Eclogues generally, and indeed in the whole of Roman culture.

36. Large grains were selected for seed, G. I 197, as Voss observes; but the force of the epithet lies in the contrast between the promise of grain and the performance of weeds. The use of the plural

infelix lolium et steriles nascuntur avenae ;
 pro molli viola, pro purpurea narcisso,
 carduus et spinis surgit paliurus acutis.
 spargite humum foliis, inducite fontibus umbras, 40
 pastores ; mandat fieri sibi talia Daphnis ;
 et tumulum facite, et tumulo superaddite carmen :
 'Daphnis ego in silvis, hinc usque ad sidera notus,

'hordea' was ridiculed by Bavius and Maeuius [or, according to Cledonius, p. 43 K., by Cornificius Gallus] in the line 'Hordea qui dixit, superest ut tritica dicat,' quoted by Serv. on G. I 210, where the offence is repeated. It is noticed by Quint. I v 16, 'Hordea et malsa non alio vitiosa sunt, quam quod singularia pluraliter effertur ;' Pliny however uses it, XVIII 56.

37. Theophrastus on Plants, VIII 7, and Pliny, XVIII 149, are referred to by Voss, following Pierius, for the belief that barley actually degenerated into darnel and wild oats.

'Infelix' is 'infecundus,' like 'steriles' ('infelix oleaster,' G. II 314), without reference to the pernicious properties of darnel, which affects the head when ground into flour. Pliny, l. c., says 'Lolium et tribulus et carduus lappasque non magis quam rubos inter frugum morbos potius quam inter ipsius terrae pestes annumeraverim.'

The old reading was 'dominantur,' as in G. I 154 : but 'nascuntur' is found in all Ribbeck's MSS. but one cursive. The difference of the passages quite accounts for the change of word : Virg. is here speaking of weeds growing *instead* of barley [comp. Cic. de Fin. v 91, Cato R. R. xxxvii 5.—H. N.], there of their growing *among* the corn. 'Lolium' and 'avena' are coupled by Ov. F. I 691.

38. 'The bane has fallen not only on the fields, but on the garden.' 'Molli' is opposed to the sharp and prickly thistle and Christ's thorn. Rom. has 'violæ.'

Ribbeck adopts 'purpurea' from Dio-medes 453 K. [Rom., Pal., etc., have 'purpureo,' which Thilo and others accept, and which Serv. approves. In Theocr. I 134 the word is fem.]

'Purpureus' is applied to any bright colour. So 'purpureis ales oloribus,' Hor. Od. IV i 10 ; 'purpurea candidiora nive,' Albinovanus II 62 ; 'purpureum lumen,' A. I 590, VI 540. Here it

is used of the white narcissus. There was however a narcissus with a purple calyx (Pliny XXI 25) : and so the Ciris, v. 96, has 'suave rubens narcissus.'

39. 'Paliurus,' Christ's thorn, a prickly shrub common in south Italy, recommended by Columella for quickset hedges. In Theocr. I 132 foll. (imitated closely E. VIII 52) Daphnis' dying prayer is that thorns may produce violets, and juniper-bushes narcissus—not that a blight may fall on things, but that the course of nature may be changed.

40. This line is alluded to in IX 19, 'quis humum florentibus herbis Spargeret aut viridi fontis induceret umbra ?' Hence it would seem that 'foliis' should be interpreted flowers, and 'umbras' ('viridi umbra') as trees. 'Sow the turf with flowers and plant trees beside (overshadowing) the spring,' as fitting monuments of Daphnis ('mandat fieri sibi talia Daphnis'). Φύλλα is used for flowers, Theocr. XI 26, XVIII 39.

'Spargite' may be either sow or deck : the sower may be said either to sow the seed directly, or to adorn the turf indirectly with the flower when sprung up. The latter is supported by Lucr. II 33, 'anni Tempora conspergunt viridantis floribus herbas,' the parallel passage to which, v 1396, has 'pingebant.' It may be meant that Daphnis is to be buried under the trees. Wagn. quotes Cul. 387 foll. (of the grave of the Culex), 'Rivum propter aquae viridi sub fronde latentem Conformare locum capit impiger.'

41. With 'mandat,' as applied to this injunction bequeathed by the dead Daphnis, comp. A. XI 815, 'mandata novissima perfer.'

42. 'Tumulum—tumulo' repeated as in A. VI 380.

43. Theocr. I 120. 'In silvis' answers to ὠδῆ. 'Hinc usque ad sidera,' 'from here to the stars,' is rather a flat expression. The exaggeration is paralleled by Heyne from Theocr. VII 93 ; otherwise it

formonsi pecoris custos, formonsior ipse.'

Me. Tale tuum carmen nobis, divine poeta, 45
 quale sopor fessis in gramine, quale per aestum
 dulcis aquae saliente sitim restinguere rivo.
 nec calamis solum aequiperas, set voce magistrum.
 fortunate puer, tu nunc eris alter ab illo.
 nos tamen haec quocumque modo tibi nostra vicissim 50
 dicemus, Daphninque tuum tollemus ad astra ;
 Daphnin ad astra feremus : amavit nos quoque Daphnis.

Mo. An quicquam nobis tali sit munere maius ?
 et puer ipse fuit cantari dignus, et ista
 iam pridem Stimichon laudavit carmina nobis. 55

Me. Candidus insuetum miratur limen Olympi

seems to refer to Caesar rather than to the ideal Daphnis.

44. ['Formonsi,' 'formonsior,' Pal. originally.—H. N. See 15 note.]

45-52. '*Me.* Your singing refreshes my very heart ; your singing no less than your playing. The bucolic crown has descended to you. I will venture however to reply with a song on Daphnis as a god.'

45. Imitated generally from Theocr. 1 1 foll., VIII 81. One inferior MS. and a quotation in Probus give 'nobis carmen,' which Ribbeck adopts in deference to Lachm. on Prop. 1 vi 25. Voss had already made the change, which is approved by Wund. On the question of euphony there may be a difference of opinion : on that of authority there can be none, especially as the reading of the mass of MSS. is supported by quotations in Priscian and Rufinianus.

46. Theocr. VIII 78. 'Per aestum,' answers to 'fessis,' as that to 'nobis.' Rom. has 'lassis.'

48. A compliment to Mopsus, whom he had previously praised for his piping, v. 2. 'Magistrum' can hardly be any one but Daphnis, whose minstrelsy is praised by Theocr. l. c. So Moschus speaks of himself (III 103) as having inherited the Doric Muse from Bion.

49. Menalca speaks with admiring envy, having before spoken of his own singing in comparison with Mopsus' piping. With 'alter ab illo' comp. 'alter ab undecimo,' VIII 39 note. Rom. has 'alter Apollo,' a singular variety.

50. 'Vicissim : ' III 28 note (p. 46).

51. 'Tollemus ad astra' may be said only in the same sense as 'ad sidera notus' (v. 43), and 'ferent ad sidera,' IX 29,—'praise up to the skies,'—but more probably it means 'celebrate his ascent to heaven,' referring to the apotheosis of Caesar. Comp. vv. 56 foll., A. III 158.

52. ['Daphnim' Pal. Gud. and two of Ribbeck's cursives.—H. N.]

53-55. '*Mo.* By all means—the theme is a worthy one, and I know your powers.'

53. 'Tali munere,' your promised boon of song. 'Nobis' answers to 'nobis,' v. 45.

54. 'Ista carmina,' these strains of yours, not necessarily implying that the verses which follow had been known and praised already.

56-80. '*Me.* Daphnis is in heaven ; the shepherds and their gods rejoice ; the beasts are at peace ; the mountains proclaim him god ; he shall be honoured with libations, song and dance, as long as the course of nature remains the same, even as we honour Bacchus and Ceres.

56. 'Candidus,' in his (divine) beauty. [Catull. LXVIII b. 30, 'quo mea se molli candida diva pede Intulit.'—H. N.] 'Candida Dido,' A. v 571. 'Candide Bassareu,' Hor. Od. I xviii 11.

'Limen Olympi : ' comp. II. I 591, ἀπὸ βηλοῦ θεσπεσίοιο, and the later use of βηλός for the heaven. Mr. Blackburn remarks on the coincidence with the Hebrew division of the three heavens, the first being the terrestrial atmosphere, 'nubes ;' the second the region of the stars, 'sidera ;' the third, as here, the abode of the Deity.

sub pedibusque videt nubes et sidera Daphnis.
 ergo alacris silvas et cetera rura voluptas
 Panaque pastoresque tenet Dryadasque puellas.
 nec lupus insidias pecori, nec retia cervis 60
 ulla dolum meditantur; amat bonus otia Daphnis.
 ipsi laetitia, voces ad sidera iactant
 intonsi montes; ipsae iam carmina rupes,
 ipsa sonant arbusta; deus, deus ille, Menalca!
 sis bonus o felixque tuis! en quattuor aras: 65
 ecce duas tibi, Daphni, duas altaria Phoebo.

58. All nature rejoices at his apotheosis, as all nature had mourned at his death. The frisking of Pan and the Dryades answers to the weeping of the nymphs and the departure of Pales and Apollo. We must understand Menalcas as describing a state which is just beginning or about to begin: but this will hardly excuse the impropriety of representing two such different scenes as both belonging to present time, and thus compelling us to think of each as existing only in the minds of the two shepherds.

'Alacris' denotes the frisking and dancing of Pan and the swains, 'frolic glee.'

'Cetera,' because 'rus' includes pastures. [The word has not unnaturally been criticised as feeble, but no good emendation has been proposed.]

59. Virg. adopts the Greek form, 'Dryadas;' 'Hyadas,' A. 1 744; 'Phaeontiad,' E. vi 62. [Rom. 'Dryades.']

60. The features of the description are taken from the golden age, as in E. iv. Comp. Theocr. xxiv 84.

61. 'Otia' as in 1 6. 'Bonus,' of deities, as in v 65, A. xii 647.

62. The mountains and woods resound cries of joy, as before (v. 28) they resounded groans of sorrow. The words are from Lucr. II 327 foll., 'clamoreque montes Icti reictant voces ad sidera mundi.' Virg. means to attribute the joy to the mountains themselves, as in x 15 they are made to weep: but there may be a secondary reference to the actual mourners. 'Even the traveller on the mountain, even the vine-dresser under the rock (1 56), shouts and sings for joy in my ears.'

63. 'Intonsi,' with all their forests. (Serv. 'incaedui.') 'Intonsaque caelo Atollunt capita,' A. ix 681, of oaks. The primary notion here is that the wild-

ness of the mountains makes the demonstration more marked. But it is possible that we may be meant to conceive of them as exulting in their shaggy strength now that a state of nature is restored, as in Isaiah xiv 7, 8, 'The whole earth is at rest and is quiet, they break forth into singing: yea, the fir-trees rejoice at thee, and the cedars of Lebanon, saying, Since thou art laid down, no feller is come up against us.'

64. 'Sonant carmina:' comp. Hor. Od. II xiii 26, 'Et te sonantem plenius aureo, Alcaeae, plectro dura navis, Dura fugae mala, dura belli.'

'Deus, deus ille, Menalca,' is what the rocks and woods utter. 'We have a new god, a new god, Menalcas.' Forb. comp. Lucr. v 8, 'deus ille fuit, deus, include Memmi.'

65. 'Sis felix,' A 1 330.

66. ['Ecce' with acc., common in early Latin, occurs here only in Augustan Latin: Wölfflin's Archiv v 24.]

'Altaria:' [Serv. mentions that some took 'altaria' to mean 'offerings:' a sense which it certainly seems to bear in Lucan III 404, 'structae diris altaribus arae.' Comp. Virg. E. VIII 105, A. v 93, XII 174. See Contributions to Latin Lexicography, p. 140. 'Four altars, as offerings, two to thee, two to Phoebus.'—H. N.] Or it may be that Daphnis, as a hero, has only libations offered to him, not victims.

'Duas altaria Phoebo:' Apollo is associated with Daphnis as the god both of herdsmen (above, v. 35) and poets. He is as naturally associated with Caesar, whose birthday fell on the Ludi Apollinares (3 Id. Iul.), but as the Sibylline books forbade the rites of any other god to be celebrated at the same time with those of Apollo,

pocula bina novo spumantia lacte quodannis
 craterasque duo statuam tibi pinguis olivi,
 et multo in primis hilarans convivia Baccho,
 ante focum, si frigus erit, si messis, in umbra, 70
 vina novum fundam calathis Ariusia nectar.
 cantabunt mihi Damoetas et Lyctius Aegon;
 saltantis Satyros imitabitur Alpheisiboeus.
 haec tibi semper erunt, et cum sollemnia vota

the birthday was kept 4 Id. Iul., the day before the Ludi Apollinares began.

The present reading was restored by Heins. from the best MSS., for 'duoque altaria,' which is supported only by Serv. on A. III 305.

67. These offerings are from Theocr. v 53, 57, where they are made to the nymphs and Pan. 'Bina,' two in the year: see below, v. 70. No distinction is meant between 'pocula bina' and 'duo crateres,' as the passage in Theocr. shows. 68. Some editors have 'crateres:' but Virg. follows throughout the Greek form, of which 'craterās' is the acc. pl. Wagn. ['Duo,' not 'duos,' is the true reading, attested by Serv. ('duo vetuste dixit'), Non. p. 547, Pal. Rom. and Gud.—H. N., see VI 18.]

'Statuere' is appropriate both to 'crateras' (from the size of the 'crater'), and to the act of sacrificing. A. I 728, 'Crateras magnos statuunt.' Hor. S. II iii 199, 'pro vitula status dulcem Aulide natam Ante aras.' The milk would be appropriate to spring, the oil to autumn, as Wagn. remarks, comparing Suet. Aug. 31, where it is said that Augustus ordered the 'compitales Lares' to be crowned twice a year, with spring and summer flowers. 'Olivum' for 'oleum' is poetical.

69. Theocr. VII 63. 'In primis,' because he had previously mentioned milk and oil. 'Convivia,' the feast after the sacrifice.

It is just possible that 'multo' might be an error for 'mulso' (see note on G. I 344): but 'multo Baccho' occurs again G. II 190.

70. 'Si frigus—si messis;' it is not easy to determine the festivals indicated by these two seasons. Virg. appears to have had some definite reference in his mind, from his language in vv. 67, 68, 74, 75. The latter passage speaks of a festival to the nymphs, and another at the 'lustratio

agrorum.' The second is evidently the 'Ambarvalia,' described G. I 338 foll.; the first is rather Sicilian than Italian, the nymphs, as Keightley remarks, not forming a part of the old Roman mythology, while sacrifices to them are frequently mentioned by Theocritus, though he nowhere speaks of an annual festival in their honour. Yet it is difficult to identify either 'frigus' or 'messis' with 'Ambarvalia.' They took place 'extremae sub casum hiemis, iam vere sereno,' when 'densae in montibus umbrae' (Virg. l.c.), i.e. towards the end of April: yet they could hardly be indicated by 'messis,' as they were expressly intended to commend the young crops to Ceres some time before the harvest, and are distinguished as such from another festival at or after the harvest (Tibull. II i 21 foll.). There were certain 'messis feriae' (Dict. A. 'Feriae'), which took place in the summer. The Lares were adored at the 'Ambarvalia' (Tibull. I i 19, II i 17), and Caesar was adored as one of the Lares, the Roman way of canonizing heroes. See Hor. Od. IV v 31 foll.

71. Ariusia in Chios was famous for its wine, [ἀριστος τῶν Ἑλληνικῶν (Strabo 645, Pliny XIV 73). Greek wines were familiar in Italy before and in Virg.'s time, but the epithet here may be merely literary. 'Novum nectar' would naturally mean 'new-made wine,' but the appropriateness of the idea is not obvious. Serv. paraphrases 'magna dulcedo.']

'Calathus' (more commonly a work-basket, or wool-basket) is a cup here and Mart. IX 60, XIV 107.

72, 73. Theocr. VII 71, 72. 'Det motus incompósitos et carmina dicat,' G. I 350.

'Lyctius,' Lycta, in Crete, A. III 401, of Idomeneus. The supposed joy of the woodland deities (v. 58, comp. VI 27) is imitated by the shepherds.

reddemus Nymphis, et cum lustrabimus agros. 75
 dum iuga montis aper, fluvios dum piscis amabit,
 dumque thymo pascentur apes, dum rore cicadae,
 semper honos nomenque tuum laudesque manebunt.
 ut Baccho Cererique, tibi sic vota quodannis
 agricolae facient; damnabis tu quoque votis. 80

Mo. Quae tibi, quae tali reddam pro carmine dona?
 nam neque me tantum venientis sibilus austru,
 nec percussa iuvant fluctu tam litora, nec quae
 saxosas inter decurrunt flumina valles.

Me. Hac te nos fragili donabimus ante cicuta. 85
 haec nos, 'Formonsum Corydon ardebat Alexim,'
 haec eadem docuit, 'Cuium pecus? an Meliboei?'

Mo. At tu sume pedum, quod, me cum saepe rogaret,

75. Theocr. v 53. See note on v. 70.

76. An appeal to the uniformity of nature, as in i 59, not altogether consistent with the language in which (v. 60, note) he makes a breach of this uniformity a mark of the golden age just beginning.

77. 'Rore cicadae,' *τεττιξ . . . ψ τε πόςαις καὶ βρώσαις θήλυς ἔκρηση*, Hesiod, Shield, 393 foll. Theocr. iv 16. Anacr. XLIII 3.

78. Repeated A. i 609, in a similar connexion.

79. Bacchus and Ceres are mentioned as the chief patrons of the husbandman. Comp. G. i 5, Tibull. ii i 3, 'Bacche, veni dulcisque tuis e cornibus uva Pendeat, et spicis tempora cinge, Ceres' (of the 'Ambarvalia'), and see on G. i 344. ['Quodannis' Rom., 'quotannis' Pal.—H. N.]

80. 'You will grant prayers, and thus bind the suppliant to keep his vow.' 'Damnatus voto' occurs in a fragm. of Sisenna ap. Non. p. 277, 13; 'damnatus voti' Liv. x 37, xxvii 45, like 'voti reus,' A. v 237, just as 'damnatus capitis' and 'capite' are used indifferently. Comp. the use of 'damno' in giving legacies and imposing penalties by will, e.g. Hor. S. ii iii 86.

81-84. '*Mo.* How am I to reward you for a song which is sweeter than anything in nature?'

82. 'Sibilus austris' is the *ψιθύρισμα* of Theocr. i i, the breeze getting up ('venientis') and rustling through the branches.

Lucr. v 1382 has 'Zephyri sibila' in a passage which Virg. may have thought of, as it ascribes the origin of the pastoral pipe to the winds whistling through the reeds.

83, 84. Theocr. i 7, 8, 'Ἄδιον, ὦ ποιμὴν, τὸ τεόν μέλος, ἢ τὸ καταχῆς Τῆν' ἀπὸ τᾶς πέτρας καταλείβεται ὑψόθεν ὕδωρ.'

85-87. '*Me.* I will give you this pipe, which has played several not unknown strains.'

85. 'Ante,' first—before I receive any thing from you, v. 81. Voss observes that Menalcas both depreciates and commends his gift, the one by the epithet 'fragilem,' the other by the mention of its performances. So 'docuit,' as if the pipe had suggested the music and the song.

86. Virg., by this allusion to his second and third Eclogues, seems to identify himself with Menalcas and his compliments to the memory of Caesar. There is something awkward in making one of the characters in this fifth Eclogue the author of the second and third; but it is in keeping with the fiction which identifies the shepherd with the pastoral poet. ['Formonsum' originally Pal. and the Verona fragment; 'Alexin,' Pal.—H. N. Ver. begins here and continues to vi 21.]

88-90. '*Mo.* And I will give you this handsome sheep-hook, which I once refused to one whom I loved.'

88. There is a similar exchange of presents in Theocr. vi 43, and in vii 43 one shepherd gives another a sheep-hook. [Festus, p. 249 Müller; 'pedum' est

non tulit Antigenes—et erat tum dignus amari—
formonsum paribus nodis atque aere, Menalca. 90

baculum incurvum quo pastores utuntur ad comprehendendas oves aut capras, a pedibus : and so the Verona scholia here. —H. N.]

89. 'Ferre' is used indifferently of giving and receiving presents. 'Quod posces ferēs,' Plaut. Merc. II iii 106. In Greek *φέρεισθαι* is generally employed in this latter sense.

'Et erat,' as we should say, 'aye, and he was very lovable.' So G. II 125, 'Et gens illa quidem sumptis non tarda pharetris,' [A. II 110, III 615, XI 901, etc.]

'Tum,' whatever he may be now. Forb.

90. It is not clear what 'nodis atque aere' means. Voss says the 'pedum' was of knotted wood, with an iron point at one end fastened on by a ring of brass; Keightley, that it was adorned with brass rings or studs. In the latter case 'nodis atque aere' might stand for brazen studs. 'Paribus nodis' however would be more of a recommendation if the knots were natural. Forb. comp. Theocr. XVII 31, τῷ δὲ σιδάρειον σκόταλον, κεχαραγμένον ὄζοις, of Hercules' club.

['Formonsum' originally Pal.—H. N.]

ECLOGA VI. VARUS.

THE subject of this Eclogue is a cosmogonical and mythological song by Silenus, extorted from him by stratagem by two young shepherds.

The poem is addressed to P. Alfenus Varus [consul suffectus in 39 B.C.], who, according to one of several identifications quoted by Serv., was appointed to succeed Pollio in Cisalpine Gaul, after the Perusian war (a story harmonizing well with the language of this Eclogue, and also with E. IX 27). Perhaps he was also the same who is said to have been a fellow-student with Virgil under Siron the Epicurean, though this tradition may be merely an awkward attempt to give an historical basis to Silenus' song. Like the eighth Eclogue, it is an apology to his friend and patron for neglecting to celebrate his exploits, entreating him to accept a pastoral legend as a substitute. [What these exploits were is not clear. Servius says of Varus, 'Germanos vicerat, et exinde maximam fuerat et gloriam et pecuniam consecutus,' a notice which also appears in the Berne scholia, and which would perhaps deserve little attention, were it not that Virgil speaks distinctly of his friend's warlike achievements.—H. N.] The confession in v. 3 of a youthful ambition to write on heroic subjects is apparently genuine. It is supported by the story in Suetonius' biography that Virgil wished to write on Roman history, but was deterred by the subject. This aspiration may be said to have been afterwards fulfilled in the Aeneid; but the poet's judgment continued to shrink from the task of directly recording contemporary victories, though, like Horace, he amused his patrons, and perhaps himself, with the belief that he might be equal to it some day.

The legend which follows may be paralleled, if not traced to its source. As Keightley suggests, the first hint was perhaps given by the story in the fourth book of the Odyssey, of Menelaus binding Proteus, afterwards imitated more directly by Virgil himself in G. IV. Servius refers to a tale told by Theopompus (the historian, see Dict. Biog.) and partially cited from him by Aelian (Var. Hist. III 18), that Silenus was found drunk by some shepherds of Phrygia, bound, and carried to Midas, when his chains fell off, and he answered the king's questions 'de rebus naturalibus et antiquis.' Ovid (M. XI 90 foll.) briefly mentions the fact of the capture, but says nothing about any disclosures by Silenus, whom Midas restores to Bacchus, and receives in return the fatal gift of turning things to gold.

The subject of the song was perhaps traditionally connected with Silenus, who, like Proteus in G. IV (v. 393 note), seems to have had a memory for the past as well as an eye for the future—a characteristic as old as the Homeric prophets and poets, and involved in the legend which makes the Muses daughters of Mnemosyne. The cosmogonical part of it is indicative of that yearning after philosophy as a poet's province, which is fixed on Virgil by the testimony, not only of Suetonius, but of his own works, especially the close of G. II; and was encouraged doubtless by the recent example of Lucretius, as well as by the more ancient precedents of the legendary philosopher-poets and historical poet-philosophers of Greece (see also note on vv. 31-40 of this Eclogue). The general strain of the song is parallel to that of Ovid's *Metamorphoses*, and suggests the conjecture that Virgil may have been directly indebted to some such work as the *Ἐπερωϊόμενα* of Nicander, from which the poem of Ovid is supposed to have been imitated. [For the title see v. 12 note.]

PRIMA Syracosio dignata est ludere versu
 nostra nec erubuit silvas habitare Thalea.
 cum canerem reges et proelia, Cynthus aurem
 vellit, et admonuit: 'Pastorem, Tityre, pinguis
 pascere oportet ovis, deductum dicere carmen.' 5
 nunc ego—namque super tibi erunt, qui dicere laudes,

1-12. 'I was venturing out of my pastoral strains into heroic song when Apollo warned me back. I will write you then a rural poem, Varus, and leave the celebration of your deeds to others; yet even a rural theme, I trust, will suffice to preserve your memory.

1. 'Prima' is explained by the Verona scholia either of Virg.'s claim to be the first pastoral poet of Rome, as Horace says, Ep. I xix 23, 'Parios ego primus iambos Ostendi Latio' (comp. G. II 175), or of his first as distinguished from his subsequent attempts. Of the two, the latter is doubtless recommended by the context; but he may have meant to combine both. See A. VII 118, note. With the whole passage comp. E. IV 1-3. Horace has imitated Virg. closely in Od. IV xv 1-4.

2. Rom. has 'silvis.' 'Thalea' was said by some to have been the inventress of agriculture (Schol. on Apoll. R. III 1), and was represented with a sheep-hook, as the Muse of pastoral poetry (Dict. A. 'Pedom'). ['Thalea,' Pal., Rom., Ver., followed by Ribbeck. 'Thalia,' Serv. and the cursive MSS.]

3. 'Reges et proelia' is the conventional expression for epic or heroic poetry. 'Res gestae regumque ducumque et tristia bella Quo scribi possent numero, monstravit Homerus,' Hor. A. P. 73. Comp. A. VII 41. It would include contemporary subjects (see Hor. Ep. II i 251 foll.), but not directly specify them, though vv. 6, 7 show that Varus wished Virg. to write of the civil or foreign wars of Rome.

'Aurem vellit:' was a symbolical way of reminding him of a thing, the ear being regarded as the seat of memory. Hence it was the established mode of 'antestatio,' or summoning a witness (Hor. S. I ix 77; Plin. XI 251), when it was accompanied with the words 'memento quod tu mihi in illa causa testis eris.' The action is represented on coins with the word *μνημόνευε*. Here accordingly Apollo reminds the poet of the nature of his gift. [Suetonius

says that Virg. intended in his youth to write on Roman history, but found the subject not to his liking; Serv. that his subject was to have been the exploits of the Alban kings, but that he was deterred by the roughness of the names.—H. N.]

4. Virg. is Tityrus again, as in E. I. 'Pinguis' is a predicate, like 'deductum,' 'His sheep should be fat, but his verses slender,' at the same time that 'pinguis pascere' are to be taken together; 'pascere ut pinguescant,' as Serv. explains it. The antithesis, which is perhaps intentionally grotesque, may be compared with Hor. S. II vi 14, 'Pingue pecus domino facias, et cetera praeter Ingenium.' [Comp. also Quint. II x 6.—H. N.]

5. 'Deductum' = 'tenue,' an expression praised by Quint. Inst. VIII 2, as 'proprie dictum, id est, quo nihil inveniri possit significantius.' So 'vox deducta,' Lucil. in Non. CCLXXXIX 16, Afranius and Cornificius in Macrobi. Sat. VI 4, Prop. III xxv 38, of a prolonged and so weak voice (comp. A. IV 463, 'longas in fletum ducere voces'). The metaphor seems to be from spinning, as in Hor. Ep. II i 225, 'tenui deducta poemata filo.' The notion of the elaborate finish, expressed there and elsewhere, is less prominent here than that of thinness; but there may have been a connexion between the two in Virg.'s mind, as there would seem to have been in the mind of Propertius (IV i 5 foll.), who contrasts the 'carmen tenuatum' of his Alexandrian masters, the 'exactus tenui pumice versus,' with the strains appropriate to heroic poetry. See Hertzberg, Quaestiones Propertianae, L. II c. vii. With 'deductum' as a predicate comp. Aesch. Ag. 620, *λίξαιμι τὰ ψευδῆ καλά*, Soph. Oed. T. 526, *τοὺς λόγους ψευδεῖς λόγοι*. ['Diductum' Pal. Ver.]

6. 'Super tibi erunt,' you will have enough and to spare. 'Vereor ne mihi iam superesse verba putes,' Cic. Fam. XIII 63. 'Cupiant' contains another compliment to Varus.

Vare, tuas cupiant et tristia condere bella—
 agrestem tenui meditabor harundine Musam.
 non iniussa cano. si quis tamen haec quoque, si quis
 captus amore leget, te nostrae, Vare, myricae, 10
 te nemus omne canet; nec Phoebus gratior ulla est,
 quam sibi quae Vari praescrispsit pagina nomen.

Pergite, Pierides. Chromis et Mnasyllōs in antro
 Silenum pueri somno videre iacentem,
 inflatum hesterno venas, ut semper, Iaccho: 15
 sarta procul tantum capiti delapsa iacebant,

7. 'Condere bella,' like 'condere carmen.' Forb. comp. Ov. Trist. II 336, 'Caesaris acta condere.' 'Tristia' is a perpetual epithet; see on v. 3.

8. Comp. I 2. 'Agrestem—Musam' is from Lucr. v 1398, 'agrestis enim tum Musa vigebat.'

9. 'Tamen' seems to show that 'non' belongs to 'cano,' as Voss takes it, not to 'iniussa,' as Heyne. 'Iniussa' then is a litotes, like 'inlaudati' G. III 5. 'I do not sing where I have no warrant.' [Cornutus, according to the Verona scholia, thought that 'non iniussa' referred to the command of the Muses.—H. N.]

'Si quis' is repeated like 'si forte' A. II 756, where hope and doubt are similarly expressed.

10. 'Captus amore,' G. III 285. 'Legat,' the reading of two cursives and Priscian, is preferred by Voss; but the confidence expressed by the future is not unsuited to Virg. or to the present passage. 'If I can find readers for my pastoral strains, and I feel that I shall, you will be known equally by them, for I shall sing of you.'

'Myricae,' IV 2, the humbler equivalent of what is expressed more ambitiously by 'nemus omne.' Perhaps 'nemus' may refer to the plantations, comp. VII 59. Possibly 'nostrae' (comp. 'tua,' I 46) may be meant to acknowledge Varus' protection, given or expected, of the poet's property; see IX 27 foll.

11. 'Nec—nomen' appears to give the ground of his confidence. A poem in honour of Varus, however homely its treatment, is sure to be inspired by Apollo, and read by the world.

12. 'Which has the name of Varus as its title,' showing, as Voss remarks, that Varus, not Silenus, is the true title of this Eclogue.

13-30. 'Two young shepherds once found Silenus in a drunken sleep, bound him with the help of a Naiad, and exacted from him a song which he had promised them. He begins, amid general delight.'

13. 'Pergere' is used both of continuing to do a thing and of proceeding to do what one has not done before. Here the latter is the sense. ['"Pergite," agite,' Vergilius 'Pergite, Pierides.' Fest. p. 215.—H. N.]

It has been doubted whether Chromis and Mnasyllōs are satyrs or fauns, or shepherds. In support of the former view, that of Serv., Voss remarks that the wood-gods did not commonly appear to shepherds, who were believed to be struck with madness by the sight of them. But it is easy to retort with Martyn that the word 'timidis,' v. 20, shows the adventurers to have felt their danger, while their previous acquaintance with Silenus is quite in keeping with such passages as x 24 foll., G. II 493. In the story of Theopompus (see Introd.), the capturers of Silenus are shepherds (as Aristaeus captures Proteus in G. IV), though on the other hand there is no previous familiarity between them and their prisoner. In the imitation by Nemesianus, Ecl. IV, Pan sings to some shepherds who have found him asleep, and Calpurnius, Ecl. VI 48, makes Mnasyllōs the name of a shepherd, as Voss allows. The word 'pueri' proves nothing either way, as it may very well be a correlative of 'senex,' and so applied elsewhere to Cupid and Bacchus. ['Mnasyllōs' Pal. originally, 'Mnasyllus' Rom., 'Mnasyllōs' Verona fragm.—H. N.]

16. 'Tantum' answers to ὅσον in such phrases as ὅσον οὐ: Virg. seems to have intended 'procul tantum' as a translation of τυτθὸν ὅσον ἀπῶθεν, Theocr. I 45, only thus much of distance. Comp. II.

et gravis attrita pende^{bat} cantharus ansa.
 aggressi—nam saepe senex spe carminis ambo
 luserat—incipiunt ipsis ex vincula sertis.
 addit se sociam timidisque supervenit Aegle, 20
 Aegle, Naiadum pulcherrima, iamque videnti
 sanguineis frontem moris et tempora pingit.
 ille dolum ridens, 'Quo vincula nectitis?' inquit.
 'solvite me, pueri; satis est potuisse videri.
 carmina, quae voltis, cognoscite; carmina vobis, 25
 huic aliud mercedis erit.' simul incipit ipse.
 tum vero in numerum Faunosque ferasque videres
 ludere, tum rigidas motare cacumina quercus;
 nec tantum Phoebos gaudet Parnasia rupes,
 nec tantum Rhodope miratur et Ismarus Orphea. 30

XXIII 245, *τύμβον δ' οὐ μάλα πολλὸν ἐγὼ
 κόνισσθαι ἀνωγα ἄλλ' ἐπιεικία τοῖον.*
 [Serv. and the Berne scholia take 'procul' as = 'prope,' and Serv. takes 'tantum' with 'delapsa': so too Voss, who refers] to Val. Fl. VIII 288, 'et tantum deiecta suis e montibus arbor,'—but now fallen. So also Wagn. and Forb., except that they make 'tantum' refer to place, not to time; so that 'tantum delapsa' would be equivalent to 'tantum non capiti haerentia.' Possibly Virg. may have drawn from some statue.

17. The 'cantharus' is represented as still held by the handle, "pendebat" manibus non emissa, as Serv. explains it.

18. 'Spe luserat,' A. I 352. [Serv. notes that 'ambo' for 'ambos' is archaic, like 'duo,' v 68.—H. N. See Neue-Wagener Formenlehre, ii p. 279.]

19. For the position of the preposition comp. v. 33 below.

20. There appears no reason to suppose (with Keightley) that Aegle suggested the stratagem, like Cyrene in G. IV, and Eidothea, Od. IV. She joined the shepherds during their occupation and reassured them; 'timidis' belongs to 'addit' no less than to 'supervenit.'

21. 'Videnti,' 'vigilanti,' Serv. No parallel usage of this word is quoted.

22. So Pan, x 27, 'Sanguineis ebulli bacis minioque rubentem.'

23. Pal. corr. gives 'inridens.'

24. It is difficult to decide between the two possible interpretations of 'satis est potuisse videri,' 'satis est quod potuisse

visi estis,' and 'satis est quod potui videri.' The one is supported by A. v 231, 'possunt quia posse videntur,' the other by A. VIII 604, 'videri iam poterat legio.' If the former be true, 'videri' probably would mean 'to be seen' rather than 'to seem'—'it is enough to have shown your power,' the sense resembling that of Ov. Her. XII 76, 'Perdere posse sat est, si quem iuuet ipsa potestas,' and the expression being apparently almost proverbial. The other interpretation receives some confirmation from 'videre,' v. 14, and from the stress laid on the privilege of beholding the gods unharmed (see v. 13; IV 15, 16; x 26).

25. 'Cognoscite' = 'audite,' 'Cognosce proemia rixae,' Juv. III 288.

26. 'Incipit ipse,' A. x 5. Here it seems to have the sense of 'ultrō,' without waiting for them to press him.

27. 'In numerum;' G. IV 175, Lucr. II 631 'Ludunt in numerumque exsultant' [where Munro quotes parallels]. The image is like that in v 58 foll. The passage seems imitated from Lucr. IV 580.

29. The mention of Parnassus, Rhodope, and Ismarus is a way of saying that the mountains as well as the oaks made demonstrations of joy, as v 62.

30. 'Rhodope,' G. IV 461. 'Ismarus,' G. II 37. Orpheus is called 'Ismarius,' Ov. Am. III ix 21.

'Miratur:' Rom. and some cursive MSS. have 'mirantur,' but Wagn. recalls the old reading, which is perhaps more Virgilian. The substitution of plural verbs for singular

namque canebat, uti magnum per inane coacta
 semina terrarumque animaeque marisque fuissent
 et liquidi simul ignis; ut his ex ordia primis
 omnia et ipse tener mundi concreverit orbis;
 tum durare solum et discludere Nerea ponto 35
 coeperit et rerum paulatim sumere formas;

is common even in the best MSS. in passages where sense and grammar would suffer by the change (see Wagn. Quaestiones Verg. 8); so external authority in such cases goes for little. Comp. x 60.

'Orphea' is doubtless a dissyllable; see on G. I 279.

31-40. Silenus' song. He begins by describing the formation of the world from the four elements, the separation of land and water, and of the sky from the earth, and the production of vegetable and animal life. This opening seems imitated from the beginning of the song of Orpheus in Apoll. R. I 496 foll., as Ursinus remarks, though the cosmogony here is Epicurean, and the phraseology Lucretian. That Virg. knew the passage in Apoll. is shown by his imitation of it in Iopas' song, A. I 742.

31. 'Magnum inane' and 'semina' are Lucretian expressions, the void and the atoms which were supposed to move in it. Lucretius did not allow that the four elements were the ultimate causes of things (I 715): so that 'semina terrarum,' etc., are, as Mr. Munro remarks, the atoms out of which the four elements are formed, as 'semina rerum,' Lucr. I 54, are the atoms out of which aggregate things are formed.

32. 'Animae' for 'air,' is also Lucretian, I 715, etc.

33. 'Liquidi ignis,' Lucr. VI 205. [*Ordia*, Lucr. IV 28. The position of 'ex' is also from Lucr. III 10, 'tuis ex, inclute, chartis; ' IV 829, 'validis ex apta lacertis; ' comp. v. 19 above and Munro on Lucr. I 841, who notes that Lucr. is fond of this order—adj. prepos. and then a word intervening between it and the subst.

The text is Mr. Nettleship's conjecture. Pal. reads 'ex omnia,' the other MSS. and Serv. 'exordia.'

'Primis' pro principiis Serv. Comp. Lucr. I 61, 'ex illis sunt omnia primis.'—II. N.]

The general drift of the passage, the

production of the world by the separation of the so-called elements, is from Lucr. v 416-508.

34. 'Mundus' is best taken with Mr. Munro of the aether alone, 'ipse,' as he suggests, being possibly 'a reminiscence of the "Inde mare, inde aer, inde aether ignifer ipse" of Lucr. (v 498), as if the aether were the most wonderful production of all, and the formation of its orb first ended chaos.'

'Tener' is apparently opposed to 'aridus,' Lucr. I 809; so here it expresses the fusile nature of an early formation, as contrasted with 'durare solum,' v. 35. Wagn. refers to Lucr. v 780, 'mundi novitatem et mollia terrae Arva.' This suits with 'concreverit.'

35. 'Tum' goes with 'coeperit,' not with 'canebat.' 'Durare' is a transitive verb used intransitively, a frequent habit with Virg., though there appears to be no other instance where 'durare' quite = 'durescere.' [Serv. says 'durare' may be taken either transitively or intransitively: if transitively, the words 'et discludere'—'sumere formas' will refer to 'mundi orbis': if intransitively, to 'solum.'—II. N.]

'Discludere' (Lucr. v 438), 'to shut up apart in the sea,' as if Nereus were independent of the sea, and the sea had itself existed before the creation. Comp. the personification of Nereus, Pers. I 94, where it seems meant to be ridiculous. The sense is abridged from Lucr. v 480 foll., as Mr. Munro remarks.

36. 'Formas rerum' expresses generally what is developed in detail vv. 37-40. 'Shapes' are opposed to the shapeless chaos; there may be force too in the plural, as a characteristic of chaos was its uniformity. 'Unus erat toto naturae vultus in orbe, Quem dixere Chaos,' Ov. M. I 6. Comp. also ib. vv. 87, 88, which form a comment on Virg.'s words, 'Sic modo quae fuerat rudis et sine imagine tellus Induit ignotas hominum conversa figuras.'

iamque novum terrae stupeant lucescere solem
 altius, atque cadant summotis nubibus imbres,
 incipiant silvae cum primum surgere, cumque
 rara per ignaros errent animalia montis. 40
 hinc lapides Pyrrhae iactos, Saturnia regna,
 Caucasiaeque refert volucres furtumque Promethei.
 his adiungit, Hylan nautae quo fonte relictum
 clamassent, ut litus, Hyla, Hyla; omne sonaret;

37. The sun is developed, and an atmosphere formed. Comp. *Lucr.* v 471. The words of *Virg.* must not be pressed, so as to make him mean that the sun found its place later than the earth, and thus contradict *Lucretius*.

38. In the absence of instances of the trajection of 'atque' in *Virg.* it is safest to point with *Wagn.* and *Mr. Munro* after 'altius.' The force of 'altius' will then be 'higher than before,' when the elements of the sun and moon were not yet disengaged from those of the earth; or the comparative may indicate the gradual elevation of the sun into its place.

'Atque cadant summotis nubibus imbres.' These words have nothing to correspond to them in that part of *Lucr.* which we have been considering, but are quite in accordance with his long account of the way in which clouds are formed in VI 451 foll. The vaporous particles would withdraw from the earth, and, taking up a position between it and the sun and moon, would be able to descend in rain' (*Munro*). For 'atque' *Rom.* has 'utque,' which *Ribbeck* accepts.

40. 'Rara' as if they were produced one by one, so that they would not at first overrun the mountains.

'Ignaros' is restored by *Wagn.* from at least one good MS. (*Rom.*) for 'ignotos' [*Pal.*, *Gud.*, II, etc.], as more poetical, the strangeness being supposed to be reciprocal, as in A. X 706 note. This seems better than to suppose 'ignarus' to be used passively, as in *Sallust*, *Ovid*, and *Tacitus*. The whole line is probably imitated from *Lucr.* v 822, 'Terra . . . animal prope certo tempore fudit Omne quod in magnis bacchatur montibus passim.' Hence 'animalia' is to be confined to beasts, the creation of man being mentioned in 41.

41-60. He tells of the creation and early history of man, *Deucalion*, *Saturn*,

and *Prometheus*—also of *Hylas*, and of *Pasiphae* and her passion—how she followed the bull in vain through the mountains, beseeching the wood nymphs to intercept him. This mythology is a strange sequel to the quasi-Epicurean cosmogony: but there is nothing unnatural in making a cosmogony of some kind precede the legendary history of the world, as in *Ovid's Metamorphoses*. There seems to be no principle in the choice of the legends, or in the different degrees of prominence given to each, e.g., the details about *Pasiphae* as compared with the brief mention of the earlier stories. [*Serv.* mentions that critics found fault with *Virg.* 'nam relictis prudentibus rebus de mundi origine, subito ad fabulas transitum fecit.'—H. N.]

41. The peopling of the world by *Pyrrha*, the reign of *Saturn*, and the punishment and crime of *Prometheus*, are mentioned without regard to chronological order; the first was really the latest in time, *Pyrrha* being the niece and daughter-in-law of *Prometheus* (*Ov. M.* I 390). It is very possible however that *Virg.* intends to represent *Deucalion* and *Pyrrha* as the actual creators of mankind, in which case the reign of *Saturn* and the story of *Prometheus* would naturally follow them, either from a confusion of his own, or on the authority of a different series of legends.

'Saturnia regna' is not in apposition to 'lapides *Pyrrhae* iactos,' but a distinct item in the enumeration (as *Jahn* rightly remarks against *Wagner*).

42. 'Volucres' for the single eagle, which formed part of the punishment of *Prometheus*.

43. The tale of *Hylas* from the legend of the *Argonauts*, given by *Apollonius*, *Theocritus*, and *Propertius*.

'Quo' for 'quomodo' (I 53 note); the identification of the actual fountain would not enter into the song.

44. [For the scansion, comp. II 65.]

et fortunatam, si numquam armenta fuissent, 45
 Pasiphaen nivei solatur amore iuveni.
 a, virgo infelix, quae te dementia cepit?
 Proetides inplerunt falsis mugitibus agros:
 at non tam turpis pecudum tamen ulla secūta
 concubitus, quamvis collo timuisset aratrum 50
 et saepe in levi quaesisset cornua fronte.
 a, virgo infelix, tu nunc in montibus erras:
 ille, latus niveum molli fultus hyacintho,
 ilice sub nigra pallentis ruminat herbas,
 aut aliquam in magno sequitur grege. claudite,
 Nymphae, 55
 Dictaeae Nymphae, nemorum iam claudite saltus,
 si qua forte ferant oculis sese obvia nostris

45. So Dido of herself, A. IV 657, 'Felix, heu nimium felix, si litora tantum Numquam Dardaniae tetigissent nostra carinae.' Comp. also G. II 458. In the present passage the meaning seems to be that the existence of the bull was the curse of Pasiphae's life, the greatness of the infliction being expressed by saying that, but for this, she would have been happy. 'Fortunatam' then is equivalent to 'quae fortunata fuisset.'

46. He tells how Pasiphae solaced herself, as in vv. 62, 3, 'circumdat . . . erigit' for 'canit ut se circumdederint et exere-rint.' Gebauer, p. 69, comp. Mosch. III 82 foll., where Bion is said to do what he sang of. Elsewhere, as in G. IV 464, the passion is the thing to be solaced: here it is itself made the solace, by a natural change of aspect.

47. 'Virgo' used of other than un-married women, as in Hor. Od. II viii 23, etc. Serv. quotes from Calvus, 'A virgo infelix, herbis pasceris amaris,' which Virg. would seem to have imitated. 'Quae te dementia cepit?' II 69.

48. The daughters of Proetus fancied themselves cows: yet even they did not proceed to such monstrous lengths, though their delusion was complete.

'Falsis,' counterfeited, as 'fallere' is used A. I 487, 684. [The Med. MS. commences here.]

49. ['Secutaest' Rom. and cursives.]

50. 'Collo,' dative, as A. II 130, 729.

51. 'Levi,' 'humana scilicet,' Serv. 'Quaesissent' is adopted by Ribbeck from

Pal.; but it is hard to see how Virg. could have written so after 'timuisset.' As a transcriber's error it is natural enough; Rom. actually has 'timuissent' v. 50.

53. 'Niveum' seems to be emphatic, recalling the epithet in v. 46.

'Fultus' merely expresses reclining, even where no support is given by the thing leaned against. 'Pedibus fulcire pruinās,' Prop. I viii 7; 'aerumnis cor luctificabile fulta,' Pers. I 78, like *ἐρείδισθαι*.

54. 'Pallentis,' though doubtless a translation of *χλωρός*, is a strange epithet of grass, but a contrast was probably intended between the grass and the dark green of the 'ilex.' The notion of Serv., approved by one or two later commentators, that 'pallentis' expresses the change of the colour of the grass caused by masti-cation, need hardly be discussed.

55. 'Claudite': the preceding sentence had expressed the thoughts of Pasiphae: we now have her words.

56. 'Saltus,' the open spaces in forests, where cattle pastured and wild beasts wandered, called 'vacui,' G. III 143, 'aperti,' A. XI 904. They are closed here, as they are hedged round in hunting by nets and watchers (G. I 140, A. IV 121), to prevent the animals from breaking out. Compare G. III 323 'in saltus . . . atque in pascua.'

57. 'Si qua forte,' in the hope that. 'Inde domum, si forte pedem, si forte tulisset, Me refero,' A II 756.

errabunda bovis vestigia ; forsitan illum,
aut herba captum viridi, aut armenta secutum,
perducant aliquae stabula ad Gortynja vaccae. 60
tum canit Hesperidum miratam mala puellam ;
tum Phaethontidas musco circumdat amarae
corticis atque solo proceras erigit alnos.
tum canit, errantem Permessi ad flumina Gallum
Aonas in montis ut duxerit una sororum, 65

58. Whether 'vestigia' is put simply for the feet, as in A. v 566 and elsewhere, or the footprints of the bull are sought for, as leading to the discovery of the bull itself (comp. II 12), is not clear. Strict propriety of expression would perhaps demand the former, for the footprints might be discovered even if the bull escaped : but such an argument can hardly be pressed.

'Forsitan . . . vaccae' introduces a fresh hope: the bull may have fallen in with the herd, or cows may have come up with him as he was browsing, and so he may arrive at the Cretan stalls (Gortyna being celebrated, according to Serv., for the herds of the Sun, whose daughter Pasiphae was). This seems better than with Ruæus to understand Pasiphae to be expressing her fear that, if the outlets be not guarded, and 'aliquae vaccae' to suggest the means of bringing him back after the facilities for escape have been removed. ['Forsitam' Pal. Rom.—H. N.]

61-73. He tells next the story of Atalanta and the sisters of Phaethon, and how Gallus met with one of the Muses, who took him to the Aonian mount, where Linus hailed him as successor of Hesiod. ['Capit' Med.—H. N.]

62. 'Circumdat': see on v. 46. 'Phaethontidas,' an extension of the patronymic to sisters, as Tethys in Ov. F. v 81 (referred to by Forb.) is called 'Titanis,' being Titan's sister. Voss makes it equivalent to Heliades, Phaethon being elsewhere found as a name of the sun: but this would be most unseasonable here, where the younger Phaethon is alluded to.

['Amaro' Rom., 'amaræ' other MSS. and Diomedes, p. 453.—H. N.]

63. 'Alnos' is a factitive or cognate accusative, 'raises them as alders,' or 'into alders.' Elsewhere, as in A. x 190,

they are said to have been turned into poplars. The story was that they found their brother's body on the banks of the Eridanus, and there bewailed him for four months, till they were turned into river-trees, which would suggest the thought of alders (G. I 136, II 110, 452 note).

64. There is of course great incongruity in the introduction of this interview of Gallus with the Muses as part of Silenus' legendary song: but it may well have been intended by Virg. to heighten the compliment to his friend. It would have been natural at this point of the song to tell some old story, showing how men in elder and better days were admitted to familiar intercourse with the gods, as Ovid, e.g., introduces the tale of Philemon and Baucis (compare the concluding lines of Catullus' poem on Peleus and Thetis); and by recounting Gallus' experience as a story of those times, Virg. in fact invests him with the associations of heroic antiquity, which would not have been the case had the mention of him been reserved to the end, as Heyne and Scaliger think it should have been. Thus the various attempts to evade the incongruity—by supposing that Silenus intends to describe the origin of the Grynean grove, but is made artfully to resign the task to Gallus, whose verses Voss further supposes him to borrow for the rest of the song, the story of Scylla (see note on v. 74)—appear to be not only illusory, but founded on a misconception of Virg.'s meaning. The story itself resembles one which Hesiod tells of himself at the beginning of the Theogony: and the allusion to Hesiod, v. 70, as Gallus' predecessor, shows that the resemblance is not merely accidental.

65. 'Una sororum' is used Prop. IV i 37 for one of the Muses, where the context sufficiently indicates what sisterhood is meant. Here the mention of the Aonian mountains suggests the epithet 'Aoniae.'

utque viro Phoebi chorus adsurrexerit omnis;
 ut Linus haec illi, divino carmine pastor,
 floribus atque apio crinis ornatus amaro,
 dixerit: 'Hos tibi dant calamos, en accipe, Musae,
 Asraeo quos ante seni, quibus ille solebat 70
 cantando rigidas deducere montibus ornos.
 his tibi Grynæi nemoris dicatur origo,
 ne quis sit lucus, quo se plus iactet Apollo.'
 quid loquar, aut Scyllam Nisi, quam fama secuta est

66. Heyne comp. II. I 533 foll., where the gods rise at the approach of Zeus.

67. 'Ut' comes after 'ut . . . utque,' as 'dum' after 'dum . . . dumque,' v 77, comp. by Wund. 'Divino carmine' with 'pastor,' expressing the combination of attributes which made Linus an appropriate hero of pastoral poetry. There seems no evidence that Linus was supposed ever to have been a shepherd, but it was natural for a pastoral poet to conceive of him as such.

68. Parsley was a favourite material for garlands used by a shepherd in Theocr. III 22 to form a crown for his love, worn commonly at feasts (Hor. Od. I xxxvi 16, etc.), and given as a prize in the Nemean games. There seems to be no reason for its use here, beyond its natural appropriateness: the epithet 'amarum' too appears to be simply descriptive. Martyn takes 'apium' to be smallage or celery.

70. 'Senex' is similarly applied to Lucilius Hor. S. II I 34, to Accius and Pacuvius, id. Ep. II I 56, and to Aristophanes Pers. I 124. [Con. thought it denoted antiquity: more probably it indicates the venerable old age which Greeks and Romans generally associated with poets.]

71. The same result is ascribed to magic, A. IV 491. See on VIII 3. It does not seem to have been a traditional characteristic of the effect of Hesiod's poetry: but the image can hardly have been chosen arbitrarily.

72. The story of the origin of the grove of Grynium or Grynia in Aeolia, Serv. says, was told in a poem by Euphronion of Chalcis, whose works Gallus (see X 50) translated or imitated. A serpent had been killed there by Apollo: the town was founded by Grynus, son of Eurypylus, in consequence of an oracular response;

and its grove was the scene of the death of Calchas after a defeat, the circumstances of which are differently related, by a rival augur.

73. Apollo is called 'Grynaeus' A. IV 345. With the language of the line comp. v. 11. It seems to be imitated from Callim. on Delos v. 269, οὐδὲ τις ἄλλη Γαίῶν τοσσόνδε θεῶν πεφύλησται ἄλλῃ.

['Nec' for 'ne' Pal. corr., Rom.; 'qui' Pal. corr.—H. N.]

74-86. Lastly, he tells the two stories of Scylla, daughter of Nisus, whose lower parts were changed into those of a sea monster, and who thus became the terror of Ulysses' ships, and of Tereus, his bloody feast, and his transformation. In short he sings all that Phoebus used to sing to Hyacinthus, till evening warned the shepherds home.

74. 'Aut' all the MSS. except Rom., which gives 'ut.' The latter would be neater, but the difference is not great, being only that in the one case we have to supply 'narraverit,' in the other 'ut narraverit' ('Quid loquar, aut ut narraverit Scyllam, aut ut mutatos,' etc.). Jahn's construction of 'Scyllam' with 'loquar' is objectionable; it involves an awkward confusion between the narrative of Virg. and that of Silenus: while Hildebrand's proposal, adopted by Forb., to make 'Scyllam . . . vexasse . . . lacerasse' depend on 'narraverit,' introduces an equally awkward coupling of 'vexasse . . . lacerasse' with 'mutatos' (which cannot, as Forb. thinks, be for 'mutatos esse'), and leaves the words 'quam fama secuta est' to form a tame and unmeaning parenthesis. On the other hand, Virg. is fond of using 'fama est' or some equivalent, such as 'volat,' A. III 121, 'occupat auris,' ib. 294, with an infinitive clause, so that 'fama secuta est' may easily be resolved into 'fama est apud posteros.'

candida succinctam latrantibus inguina monstros 75

Dulichias vexasse rates et gurgite in alto

a! timidos nautas canibus lacerasse marinis,

aut ut mutatos Terei narraverit artus,

quas illi Philomela dāpēs, quae dona pararit,

quo cursu deserta petiverit, et quibus ante 80

The further difficulty, the attribution to Scylla, the daughter of Nisus, of the transformation which really happened to the other Scylla, daughter of Phorcus, is not peculiar to this passage, the same thing being done, as Cerda and Ruaeus show, by Ov. F. iv 500 and Prop. v iv 39 foll. Consequently it is to be accounted for either by the hypothesis of different versions of the legend, or, as Keightley prefers, by the Roman ignorance of Greek mythology, not corrected by the insertion of 'aut' before 'quam fama secuta est,' which would be ungraceful, even if it were better supported than by [a mention in Servius and a reading in Π obviously derived from Serv.—H. N.] Virg. some years afterwards, G. I 404, incidentally followed a different story, but that does not affect the argument.

75. This and the two following lines are found in the Ciris, vv. 59 foll., with 'depressos' for 'a timidos.' The language apparently follows Lucr. v 892, 'ravidis canibus succinctas semimarinis Corporibus Scyllas.' Scylla is more fully described A. III 424 foll.

76. 'Dulichias,' the ships or ship (Od. XII 205) of Ulysses, so called from Dulichia, or Dulichium (A. III 271), one of the Echinades, which the Roman writers (Propertius, Ovid, Statius, Martial) were apt either to confuse with Ithaca, or to include among the dominions of Ulysses, though Hom. (Il. II 625) places the Echinades under Megeas.

A question was raised among the ancient critics about the appropriateness of 'vexasse,' which is defended, as sufficiently strong for the occasion, by Probus ap. Serv. [It is very probable that the long defence of the word in Gell. II 6 (= Macrob. VI vii 4 foll.) comes from the commentary of Probus.—H. N.]

78. The story of Tereus was variously told. The Greeks generally made Procne the nightingale, and Philomela the swallow; the Romans reversed the order, perhaps, as Voss suggests, from a false notion of the etymology of Philomela. Those

who followed the latter version were again divided, some keeping to the old narrative and making Procne Tereus' wife and Philomela her sister, others reversing the relations, doubtless because they saw that the nightingale must have been the mother of Itys, whose name is the burden of her song. This last is probably Virg.'s view; he would more naturally represent the wife than the sister as preparing the feast, v. 79, while elsewhere, G. IV 15, 511, he follows the Roman as distinguished from the Greek version. The whole subject is elaborately treated in Voss's note.

79. Serv. rightly distinguishes between 'dapes' and 'dona,' the former being the flesh of Itys, served up to Tereus, the latter the head and extremities, presented to him after his meal.

80. It is not clear whether Tereus or Philomela is subject of 'petiverit' and 'supervolita verit.' The former is recommended by 'mutatos artus,' v. 78, and by the prominence apparently meant to be given to him: the latter by the structure of v. 79, and perhaps by the language of the clause 'quibus . . . alis,' which suits the nightingale better than the hoopoe.

'Quo cursu' may denote either the speed of Philomela's flight and Tereus' pursuit, or the manner in which they fled, as birds ('quo' for 'quali'). If the former, which agrees better with 'cursu,' we must understand 'quibus . . . alis' of his or her return, after transformation, to hover over the palace; then connect 'ante' with 'sua' (Heyne comp. Ov. M. II 491 of Callisto when transformed, 'Ante domum quondamque suis errabat in agris'), a conjunction which will be less harsh if we regard 'infelix' as a parenthetical exclamation. If the latter, 'ante' may be understood to mean that, before flying to the woods, the metamorphosed king or queen took farewell of the palace by flying round it. Ribbeck reads 'alte' from his own conj.

The description of the bird flying round the house might seem to point to the swal-

infelix sua tecta supervolitaverit alis?
 omnia quae, Phoebo quondam meditante, beatus
 audiit Eurotas iussitque ediscere lauros,
 ille canit; pulsae referunt ad sidera valles;
 cogere donec ovis stabulis numerumque referre 85
 iussit et invito processit Vesper Olympo. 85

low. In this case Virg. followed the Greek version of the story (as Heyne thinks), in spite of the other passages referred to on v. 78; but this would not suit 'deserta petiverit.' Ov. M. vi 668 foll. says of the sisters 'petit altera silvas, Altera tecta subit,' though he does not explain which is which. Here the ambiguity is certainly awkward, and looks like a confusion of the habits of the nightingale and swallow. 'Quibus alis petiverit' is for 'quomodo alis petiverit,' like 'quo fonte' v. 43.

81. This line recurs in the Ciris, v. 51, with 'caeruleis' for 'infelix.' ['Supra volitaverit' Rom.—H. N.]

82. 'Meditante,' i. e. 'Beatus,' happy in hearing such a song.

83. 'Eurotas' points to Apollo's love for the Spartan youth Hyacinthus, to whom we must suppose him to have sung.

Here and elsewhere the MSS. are divided between 'laurus' (Med.) and 'lauros' (most MSS.). Virg. used 'laurus' and 'lauri' indifferently in the nom. pl. (comp. II 54, A. III 91), and his usage

need not have been more uniform in the acc.: but in such cases, where early authorities differ, a modern critic has small means of deciding. Comp. VII 6; VIII 13.

84. Comp. v 62, and Lucr. II 327.

85. An incidental proof that Chromis and Mnasyllus were shepherds, as no others are represented as listeners.

['Referre' Med. and Pal. originally, Rom., Serv., and Nonius, p. 381; 'referri' Med. and Pal. corr., and so Ribbeck and Thilo.]

86. 'Invito,' as Olympus was himself listening. Voss comp. II. xviii 239, where Hera bids the sun set against his will.

'Olympus' is rather the heaven than the mountain, over which the evening star is said to rise, as in VIII 30, 'tibi deserit Hesperus Oetam,' A. II 801, 'Iamque iugis summae surgebat Lucifer Idae.' In either case it is probably to be constructed with 'processit.' *αβλιος*, the star of the sheepfolds, was a Greek epithet of the evening star.

Rom. is deficient from here to x 10.

ECLOGA VII.

MELIBOEUS. CORYDON. THYRSIS.

THIS is a singing-match between Corydon and Thyrsis, with Daphnis as umpire. Unlike those in Eclogues III and V, it ends decisively in the defeat of Thyrsis. The story is told by Meliboeus, who was not present until the terms of the contest had been agreed on, so that of them we hear nothing. The Idyls of Theocr. which Virgil seems chiefly to have had in view are the sixth and eighth.

Attempts were made by the earlier critics to identify the characters, Corydon being supposed to be Virgil, Thyrsis to be a contemporary rival ('aut Bavius aut Anser aut Maevius,' according to theories mentioned by Serv.), or even, according to Cerda, Theocritus himself, Meliboeus and Daphnis to be patrons of the poet. Serv. asserts on the authority of the elegies of Valgius [Teuffel 241] that Codrus (v. 22) was a contemporary poet [and some recent critics accept this view, taking Codrus to be a pseudonym, Teuffel 233; see also the Verona Scholia quoted on v. 22]. But nothing in the poem points to any historical basis; all can be explained by supposing it to be an imaginary Eclogue in the Theocritean style. There does not even seem to be any necessity for supposing that, in introducing Meliboeus, Daphnis, and Corydon, Virgil is thinking uniformly of the Meliboeus, Daphnis, and Corydon of former Eclogues, though there is some appropriateness in making Daphnis the bestower of the crown of poetry, and Corydon, the hero of Ecl. II, its receiver.

The scenery is, as usual, confused. Arcadian shepherds are made to sing in the neighbourhood of the Mincius, while neither the ilex (v. 1), the pine (v. 24), the chestnut (v. 53), nor the flocks of goats (v. 7), seem to belong to Mantua.

There appears no means of determining the date; the mention of the Mincius does not prove that Virgil was then in actual possession of his property.

This Eclogue is alluded to by Propertius (III xxvi 67), 'Tu canis umbrosi subter pineta Galaesi Thyrsin et attritis Daphnin harundinibus;' but the reference is sufficiently vague, as the mention of Galaesus is apparently intended to recall a totally different scene, that described in G. IV 126, and the juxtaposition of Thyrsis and Daphnis can mean no more than that Virgil introduces both, as Theocr. does, though in different Idyls. [Mr. Munro, however, thinks that the mention of the Galaesus by Propertius may show that some of the Eclogues were written in the neighbourhood of Tarentum.—H. N.]

*M. FORTE sub arguta conserat ilice Daphnis,
compulerantque greges Corydon et Thyrsis in unum,*

1-20. 'A singing-match had been agreed on between the goatherd Corydon and the shepherd Thyrsis, Daphnis being umpire. I was going to look after a stray he-goat when Daphnis asked me to listen. I agreed hesitatingly, and they began.'

1. Imitated generally from the beginning of Theocritus' sixth and eighth Idyls. 'Arguta,' VIII 22 ποτε. Virg. may intend that the very tree should suggest song, as in Theocr. I 1 foll. the whisper of the leaves is parallel with the sound of piping.

Thyrsis ovis, Corydon distentas lacte capellas,
 ambo florentes aetatibus, Arcades ambo,
 et cantare pares, et respondere parati. 5
 huc mihi, dum teneras defendo a frigore myrtos,
 vir gregis ipse caper deerraverat; atque ego Daphnim
 aspicio. ille ubi me contra videt: 'ocius, inquit,
 huc ades, o Meliboeë! caper tibi salvus et haedi;
 et, si quid cessare potes, requiesce sub umbra. 10
 huc ipsi potum venient per prata iuvenci;

3. 'Distentas lacte,' the time was evening; so v. 15.

4. 'Aetatibus,' plural, each being made to have his own 'aetas,' by a poetical variety; a prose writer would have said, 'ambo florente aetate.'

'Arcades,' therefore skilled in song, x 32. Arcadia was a pastoral country (ἄμυλλος, Theocr. XXII 157); Pan, its patron, was the god of rural song, so that shepherds who can pipe and sing are naturally made Arcadians. There seems also to have been a law in Arcadia in historical times (Polyb. IV 20) compelling the study of music, which Polybius thinks produced a humanizing effect on the people. Keightley supposes that these passages of Virg. suggested the notion which became current at the Revival of letters, representing the Arcadians as living in an ideal golden age of pastoral felicity—a view very unlike that taken by the ancients, with whom the Arcadians were proverbial for thick-witted rustic stupidity, Juv. VII 160, etc. For the confusion between Arcadia and Mantua see Introduction to Eclogues, p. 9.

5. 'Parati' is constructed with both 'cantare' and 'respondere,' 'pares' being taken with 'parati' or with 'cantare,' equally prepared, or prepared to sing in a match, to take either the first ('cantare') or the second ('respondere') part in an amoebian contest. This seems better than to connect 'pares' with 'cantare,' = 'pares in cantando,' though the construction would be admissible in itself, and is apparently sanctioned by Nemesianus' imitation (II 16), 'ambo aevo cantuque pares.' At the same time the stress on 'parati' is chiefly in connexion with 'respondere,' as that would be the strongest test of improvisation: and this makes the word more appropriate than Schrader's conjecture 'periti,' which is supported by x 32, and by Theocr. VIII 4, ἀμφω σπρίσθεν δεδαμημένω, ἀμφω αἶδεν.

6. 'Huc,' to the place where they were sitting.

'Defendo a frigore myrtos' created difficulty as early as Serv. Probably the scene is laid in the spring, when the nights are frosty (compare the whispering of the leaves, v. 1, the humming of the bees, v. 13, and the weaned lambs, v. 15), and Meliboeus, like Corydon, II 45, etc., had to look after his trees as well as after his flocks and herds.

'Dum' is used with the present, though the verb in the principal clause is in the pluperfect, as in A. VI 171 foll.

For 'myrtos' a few inferior MSS. have 'myrtus'; but in this case the usage of Virg. appears to favour the second declension. Compare VI 83 note.

7. 'Vir gregis,' ὁ πρῶτος, τὸν λευκῶν αἰγῶν ἄνερ, Theocr. VIII 49.

'Ipse:' the leader of the herd had strayed, and therefore the herd with him. Heyne, referring to v. 9.

'Deerro' disyllabic, as Lucr. III 860, [in Lucr. I 711 spelt 'derr-'.]

'Atque' used in a style of poetical simplicity, where, in connected writing, we should have 'cum.' Other instances, collected by Wagn., are A. IV 663, VI 162, VII 29, x 219. [So in Plautus, Cic., etc. See Dräger II p. 49; the rarer, mainly Plautine use of 'atque' in apodosis (G. I 203 note) perhaps grew out of this.] Gebauer, p. 31, comp. the similar use of καὶ Theocr. VII II; there however καὶ seems to answer to καὶ in the line preceding. Here the sense is, 'I had just observed that he had strayed, when I caught sight of Daphnis.'

11. The bullocks are those of Meliboeus, who must be supposed to be in charge of them as well as of the goats, and also of lambs, v. 15. So Damoetas, III 6, 29, is both shepherd and cowherd.

'Ipsi' as in IV 21 (note).

hic viridis tenera praetexit harundine ripas
 Mincius, eque sacra resonant examina quercu.
 quid facerem? neque ego Alcippen, neque Phyllida
 habebam,

depulsos a lacte domi quae clauderet agnos; 15
 et certamen erat, Corydon cum Thyrside, magnum.

posthabui tamen illorum mea seria ludo.

alternis igitur contendere versibus ambo

coepere; alternos Musae meminisse volebant.

hos Corydon, illos referebat in ordine Thyrsis. 20

C. Nymphae, noster amor, Libethrides, aut mihi carmen,
 quale meo Codrus, concedite; proxima Phoebi

12. Comp. I 49 foll., G. III 14, 15, A. x 205. The Mincius is mentioned to explain why Meliboeus' bullocks will not go out of sight; but the mention of it suggests the invitingness of the spot, which is the point of v. 13.

[The Ver. fragm. begins here and continues to v. 37.]

13. Comp. I 54 foll. 'Sacra,' as the tree of Jupiter, a literary epithet.

14. 'Alcippe' and 'Phyllis' seem to be partners (see I 31), or former partners, of Meliboeus, not, as Serv. supposes, partners of Corydon and Thyrsis.

15. Med. has 'hedos' ('agnos' in the margin) from a recollection of v. 9 and perhaps of III 82.

16. 'Corydon cum Thyrside' is in loose apposition to 'certamen.' Comp. Soph. Ant. 259, λόγοι δ' ἐν ἀλλήλοισιν ἰρρόθουον κακοί, Φύλαξ ἰλέγχων φύλακα.

'Magnum' seems to be a predicate. 'Et' couples the two antagonistic considerations. Thyrsis is the name of one of the persons in Theocr. Idyl 1.

18. 'Alternis:' introduction to Ecl. III.

19. 'Volebam,' a variant mentioned by Serv., is found in one or two inferior MSS. and adopted by Voss; 'volebant' is clearly right.

There is no need (as Ameis Spic., p. 14, has rightly perceived) to supply 'eos' before 'meminisse,' with Wagn. and Forb., or 'me' with Spohn and Jahn.

'Musae,' the Muses of the rivals are said to remember the amoebean strains, as recalling them to the memory of the shepherds, the Muses being mythologically connected with Memory, who was their mother. Comp. A. VII 645, 'Et

meministis enim, Divae, et memorare potestis.' The language is worded as if the shepherds had a number of verses in their minds, and the Muses chose to remember amoebans rather than others; but it must not be pressed to mean that the contest had been studied or rehearsed beforehand (see v. 5, note). By the act of memory probably no more is intended than the act of composition, which Virg. elsewhere (I 2, etc.) expresses by the word 'meditari.'

21-24. 'Cor. Muses, grant that I may sing like Codrus; if not, I abandon the art.'

21. 'Libethrus,' 'Libethra,' or 'Libethrum,' was a fountain in Helicon, with a cavern, mentioned by Strabo, IX p. 629, Α, τὸ τῶν Λειβηθρίδων νυμφῶν ἀντρον. Pausanias speaks of a mountain of the same name. The Libethrides are mentioned as distinct from the Muses, though equally patronesses of song. So (x 1) Arethusa is invoked, and in Theocr. (VII 91) the nymphs teach a shepherd song.

22. 'Codrus,' v 11. [The Verona Scholia say that Codrus was understood by some critics to be Virg., by others to be Cornificius, and by others Helvius Cinna. They go on to quote some lines of Valgus upon this Codrus: 'Codrusque ille canit, quali tu voce canebas, Atque solet numeros dicere, Cinna, tuos, Dulcior ut numquam Pyllo profluxerit ore Nestoris, aut docto pectore Demodoci,' etc.—H. N.]

It signifies little whether 'proxima' be constructed with 'carmina' supplied from 'carmen,' or taken as a verbal acc. after 'facit.' With the sense comp. Theocr. I 2, μετὰ Πάνα τὸ δεύτερον ἄθλον ἀποιῶ.

['Phoebo' Ver.]

versibus ille facit; aut, si non possumus omnes,
hic arguta sacra pendebit fistula pinu.

- T. Pastores, hedera nascentem ornate poetam, 25
Arcades, invidia rumpantur ut ilia Codro;
aut, si ultra placitum laudarit, baccare frontem
cingite, ne vati noceat mala lingua futuro.
- C. Saetosi caput hoc apri tibi, Delia, parvus
et ramosa Micon vivacis cornua cervi. 30
si proprium hoc fuerit, levi de marmore tota

23. 'Non possumus omnes,' VIII 63. Corydon; as Voss remarks, modestly classes himself with the many.

Ribbeck formerly accepted 'possimus,' the original reading of Med., Pal., Gud., referring to Marius Victorinus p. 8 Gaisford, where we are told that Messala, Brutus, and Agrippa wrote 'simus' for 'sumus.' [But he now (1894) reads 'possimus.']

24. He hangs up his pipe as abandoning the art. Comp. Hor. Od. III xxvi 3, Ep. I i 4. Tibull. II v 29, 'Pendeatque vagi pastoris in arbore votum, Garrula silvestri fistula sacra deo.' The pine is sacred to Pan, Prop. IXviii 20, 'Arcadio pinus amica deo.'

25-28. 'Th. Crown me, in spite of Codrus' envy, and protect me against his evil tongue.'

25. The arrogance of Thyrsis is contrasted with the modesty of Corydon.

'Hedera,' VIII 13. 'Doctarum hederæ præmia frontium,' Hor. Od. I i 29. ['Nascentem:'] Pal. and Med. corr. have 'crescentem,' accepted by Ribbeck and Conington: Nettleship restored 'nascentem.']

26. 'Invidia rumpantur,' a colloquial expression, doubtless intended as a characteristic trait of Thyrsis. Emm. quotes Cic. in Vatin. 4, 'ut aliquando ista ilia, quæ sunt inflata, rumpantur.' The supposed allusion to the story of Codrus the Moor, glanced at by Hor. Ep. I xix 15, would be out of place, were it only that Virg. sympathizes with Corydon and his friend.

27. Thyrsis affects to fear that Codrus may attempt to injure him by extravagant praise, which, when bestowed on a person either by himself or by another, was considered likely to provoke the jealousy of the gods, and was guarded by the apologetic expression 'præfiscine.' Cerda refers to Titinius (Charis. p. 210), 'Pol tu

ad laudem addito præfiscine, ne puella fascinetur.'

'Ultra placitum' is generally understood 'beyond his judgment,' i.e. with extravagant insincerity; but it more probably refers to the pleasure of the gods.

'Baccare,' IV 19. ['Herba est ad repellendum fascinum,' Serv.—H. N.]

28. 'Mala lingua: 'nec mala fascinare lingua,' Catull. VII 12.

'Vati futuro' is stronger than 'crescentem poetam' (see note on IX 32), and argues increased self-confidence in Thyrsis.

29-32. 'Cor. Micon offers to Diana a boar's head and a stag's horns, promising her a marble statue if his success in hunting should continue.'

29. Corydon speaks in the character of Micon (see on III 10, 79), who is supposed to dedicate an offering to Diana with an address in the form of an inscription.

'Parvus,' as Menalcas, Theocr. VIII 64, calls himself μικρός, a young boy.

['Apri:'] Serv. mentions a variant 'capri.—H. N.]

30. The verb is omitted, as frequently in inscriptions, A III 288. For the custom of offering spoils of hunting to Diana, comp. A. IX 407, Soph. Aj. 178.

The longevity of the stag was proverbial among the ancients. 'Vivacis cornua cervi' is copied by Ov. M. III 194.

'Ramosa' like 'cornibus arboreis,' A I 190.

31. 'Proprium,' one's own, and hence permanent, coupled by Cic. Pro Lege Manil. 16 with 'perpetuum,' with 'perenne' De Sen. 4. So A. VI 871, 'propria hæc si dona fuissent,' Hor. S. II vi 5, 'propria ut mjhi munera faxis.' The thought is the same as in Lucr. III 971, 'Vitaque mancipio nulli datur, omnibus usu.' The thing of which continuance is asked is success in hunting.

'Tota,' not a mere head or bust. Serv.

puniceo stabis suras evincta coturno.

T. Sinum lactis et haec te liba, Priape, quodannis
expectare sat est: custos es pauperis horti.
nunc te marmoreum pro tempore fecimus; at tu, 35
si fetura gregem suppleverit, aureus esto.

C. Nerine Galatea, thymo mihi dulcior Hyblae,
candidior cynnis, hedera formosior alba,
cum primum pasti repetent praesepia tauri,
si qua tui Corydonis habet te cura, venito. 40

T. Immo ego Sardoniis videar tibi amarior herbis,

32. Comp. A. I 337, where this line is almost verbally repeated of a Tyrian huntress. A similar line is quoted by Terentianus Maurus De Metris, professedly from the Ino of Livius Andronicus, 'Iam nunc purpureo suras include coturno.' Diana is generally represented with buskins.

'Puniceo:' colouring was frequent in the case of marble statues.

'De marmore stabis:' 'aeneus ut stes' Hor. S. II iii 183, *σφουρηλατος ἐν Ὀλυμπίᾳ σταθῆτι* Plato Phaedr. p. 215. ['Coturno' Med. Pal. Ver. fragm. Gud.—H. N.]

33-36. 'Th. Priapus, we offer thee cakes and milk, being poor; however, though thou hast only a marble statue now, thou shalt have a golden one if the lambing turns out well.'

33. Thyrsis fails first in his subject, Priapus instead of Diana, and then in the sudden and absurd change from ostentatious homeliness to lavish promises.

['Sinum' or 'sinus:'] a note of Asper quoted in the Verona Scholia, and partly by Serv. and Nonius, p. 547, says 'Sinum est vas vinarium, ut Cicero significat, non ut quidam, lactarium.' Plautus in Curculione (I i 82), 'cedo puere sinum' . . . 'Sinum ergo vas patulum, quod et masculine sinus vocitatum.' He illustrates the word further from Atta and Varro. 'Sinus'] is distinguished by Varro from 'poculum,' 'quod maiorem cavationem habet.' (L. L. IV 26.) The resemblance to 'sinus' is accidental.

'Quodannis,' comp. the yearly offering to Daphnis, v 67. ['Quotannis' Med.]

35. 'Pro tempore' coupled with 'pro re' by Caes. B. G. v 8, 'according to our circumstances,' *ἐκ τῶν παρόντων*. Statues of Priapus were commonly of wood; but Thyrsis intends to insult Micon and his Diana, by apologizing for having

had to make his god of the same material which his rivals promise to their goddess—not remembering that such extravagant language is utterly out of character. With 'marmoreum' and 'aureus' Gebauer comp. Theocr. Id. x 23, Epigr. XVII 3 foll., xx 6 foll., and with the general sense Epigr. IV 13 foll.

37-40. 'Cor. Sweet Galatea, lovelier than every thing in nature, come to thy Corydon at evenfall.'

37. Galatea, the Nereid, appears in Theocr. (Idyls VI and XI) as the love of Polyphemus. Virg., who (as Keightley remarks) had transferred the language and feelings of Polyphemus to Corydon in Ecl. II, here makes him address Galatea, who is his love, just as Daphnis, who in Idyl VIII answers to Corydon here, marries a nymph. The words are imitated more or less from Theocr. XI 19 foll., and both passages are characteristically amplified by Ov. M. XIII 789 foll.

'Nerine' seems not to occur elsewhere in Latin as a patronymic, but Catull. LXIV 29 calls Thetis 'Nereine,' [as Haupt conj. or 'Nerine' as Owen conj.]

'Hyblae;' see on I 55, though here it need not be a piece of mannerism; a shepherd speaking as a Sicilian would naturally allude to Hybla.

38. 'Hedera alba,' III 39. ['Formosior' Pal. originally.—H. N. See I 5. Med. has 'formosior,' and so in v. 55, etc.]

41-44. 'Th. May I be more hateful to thee than every thing in nature if I can bear thy absence longer. Go home, my herds.'

41. Thyrsis thinks first of his rivalry with Corydon, 'immo' implying that he seeks a better way of expressing his passion, and secondly of his own feelings rather than of his love's, and fails accordingly. It is not necessary to suppose that

horridior rusco, proiecta vilior algā,
 si mihi non haec lux toto iam longior anno est.
 ite domum pasti, si quis pudor, ite iuveni.

C. Muscosi fontes et somno mollior herba,

45

et quae vos rarā viridis tegit arbutus umbrā,
 solstitium pecori defendite; iam venit aestas
 torrida, iam lento turgent in palmitē gemmae.

T. Hic focus et taedae pingues, hic plurimus ignis

semper, et adsiduā postes fuligine nigri;

50

hic tantum Boreae curamus frigora quantum

he is addressing Galatæa also, as he may only mean to show how much better he loves *his* love. With the form of the wish Gebauer comp. Theocr. V 20, etc.

'Sardonius.' The technical name for the plant is 'Ranunculus Sardous,' βαρράχιον χυνοδίστερον, known in England as the celery-leaved crowfoot, so acrid that its leaves applied externally produce inflammation. Those who ate it had their faces distorted into the proverbial Sardonian smile [as we are told by Solinus and Serv., quoting Sallust]. Thyrsis contrasts it with the thyme of Hybla, as producing proverbially bitter honey ('Sardum mel,' Hor. A. P. 375). So 'horridior rusco' is contrasted with 'candidior cynsis,' and 'vilior alga' with 'hedera formosior alba.'

42. 'Rusco,' G. II 413. 'Proiecta' is emphatic: which is thrown on the shore, and which no one cares to take up. 'Vilior alga,' Hor. S. II v 8.

43. Theocr. XII 2, οἱ δὲ ποθεῦντες ἐν ἡματι γηράσκουσι, Anth. Pal. XII 171.

44. He lays the blame on the cattle, as if they were delaying his pleasure by delaying at their food. 'Si quis pudor,' an appeal at once to their moderation in eating, and to their regard for him. It is the same notion as 'improbans anser,' G. I 119, where see note.

45-48. 'Cor. Myflocks shall have water, and grass, and shade: summer is at the full of heat and beauty.'

45. 'Muscosi,' gushing from the mossy rock. Catull. LXVIII 58, Hor. Ep. I x 7. 'Somno mollior,' ἕπνω μαλακώτερα, Theocr. V 51, of a fleece (comp. XV 125). μαλακός is an epithet of ἕπνος, as old as Hom. (II. x 2), like 'mollis' of 'somnus,' G. II 470, etc., and is as likely to have suggested the comparison as any resemblance in the things themselves. The

address is imitated from Theocr. VIII 33 foll., 37 foll.

46. 'Rara,' see on v 7.

47. 'Defendit aestatem capellis,' Hor. Od. I xvii 3. It is difficult to say whether in this and similar instances the dative is to be explained as one of personal relation, 'on behalf of,' or as originally identical with the ablative.

'Solstitium,' G. I 100.

48. With 'aestas torrida' Gebauer comp. Theocr. VI 16, IX 12. Corydon mentioned the summer for its heat, but he is led to dwell on its beauty, a proof of his superiority to Thyrsis.

['Lento' Pal., Med. corr., Serv., who explains 'tarde pondere vites commemorat in Venetia quae est provincia frigidior': so Ribbeck.—H. N. Med. originally had 'lato;' Wagn. and Con. read 'laeto:'] compare G. II 262, 'laetum vitis genus.')

49-53. 'Th. Here we are at our fireside; we can bid defiance to the cold.'

49. Thyrsis' picture, as Keightley remarks, is like a Dutch pendant to Corydon's Claude Lorraine. Its fault is its subject: yet it is the one which would most naturally be expected to follow Corydon's, according to the division of the year in v 70. The 'focus' is one of the details of rural life seemingly ridiculed as a subject for poetry by Persius I 72.

50. 'Semper,' like 'adsidua,' forms part of Thyrsis' boast, and it leads him to dwell on what is itself an unpleasing detail, the δύσκαπνα δώματα. This and the preceding line seem to be from Theocr. XI 50, as Keightley remarks, though the context there is quite different.

51. Theocr. IX 12 foll., 19 foll. [Serv. mentions a variant 'hinc' for 'hic,' and explains 'hinc' as = 'therefore.' Gud. originally has 'hinc.'—H. N.]

aut numerum lupus aut torrentia flumina ripas.

C. Stant et iuniperi et castaneae hirsutae;
strata iacent passim sua quaeque sub arbore poma;
omnia nunc rident; at si formonsus Alexis 55
montibus his abeat, videas et flumina sicca.

T. Aret ager; vitio moriens sitit aëris herba;
L liber pampineas invidit collibus umbras:
Phyllidis adventu nostrae nemus omne virebit,
Iuppiter et laeto descendet plurimus imbri. 60

C. Populus Alcidae gratissima, vitis Iaccho,

52. 'Numerum' is understood by Heyne and some later editors of the counting of the sheep, the prospect of which does not deter the wolf from devouring them. The old interpretation seems simpler; the wolf does not fear the multitude of the sheep. Thus the notion is that of Juvenal's 'defendit numerus,' and Horace's 'nos numerus sumus,' 'a mere set of figures.'

53-56. 'Cor. It is the fruit season, and all is luxuriant; but the absence of Alexis would blight all.'

53. 'Stant' is more than 'sunt,' by which Heyne explains it: but it merely gives the picture.

The non-elision of 'iuniperi' and 'castaneae' is a metrical variety borrowed by Virg. from the Greeks. The passage is imitated from Theocr. VIII 41 foll.

54. Perhaps from Theocr. VII 144 foll. 'Quaque,' the conjecture of Heins., Gronovius, and Bentley for 'quaeque,' has been adopted by many editors, including Heyne and Wagn., and is found in two of Ribbeck's cursives. But Lachm. on Lucr. II 371 has shown from other passages that 'quaeque' here would be equally correct, and Wagn. Lect. Verg. pp. 368 foll., does not break down his case. The construction is doubtless to be explained by attraction. Another suggestion is to make 'sua,' the abl. sing. pronounced monosyllabically, as in Enn. and Lucr.; but to this Wagn. replies with force that it is most strange that Virg. should have preferred an archaism of this kind when a more obvious expression was close at hand.

55. 'Alexis' is doubtless introduced with a reference to E. II (compare the mention of mountains in II 5), but as Corydon does not always adhere to his own character (see v. 30), we need not suppose that he is always speaking of

those whom he has himself loved. ['Formonsus' Pal. originally.—H. N. See v. 38.]

56. The general drought would affect even the rivers, which are the natural resource when there is no rain. Pal. has 'aberit.'

57-60. 'Th. Every thing is parched up: but Phyllis' arrival will bring fertility and refreshing showers.'

57. All that can be said against Thyrsis here is that he dwells more on unpleasing objects than Corydon: but this was forced on him by the subject of his picture, and he makes what he can of the anticipated contrast, vv. 59, 60.

'Vitio,' disease, a sense more common in the cognate 'vitiosus' and 'vitiare'—'Dira lues quondam Latias vitiaverat auras,' Ov. M. xv 626. Virg. may be referring to Lucr. VI 1090 foll., where diseased states of the air are treated as causes of pestilence. Comp. 'morbo caeli' G. III 478, 'corrupto caeli tractu' A. III 138.

59. 'Nemus omne' may refer to the plantations, or perhaps, as vines have just been spoken of, to the 'arbutum,' which appears to be its sense, G. II 308, 401. [Med. originally had 'videbit.—H. N.]

60. The image is that of G. II 325, the marriage of Jupiter and Juno, Aether and Earth. Comp. also 'ruit arduus aether' G. I 324, 'caeli ruina' A. I 129, which is the same picture, the whole sky appearing to pour down, though without the added personification. 'Iuppiter' is used of the air, G. I 418, II 419.

61-64. 'Cor. Each god has his favourite tree: but Phyllis is fond of the hazel, so that is the tree for me.'

61. 'Populus,' λευκάν, Ἡρακλῆος ἱερὸν ἔρνος, Theocr. II 121. So G. II 66, A. VIII 276. Leuce was a nymph beloved by Pluto, who caused a white poplar to

formonsae myrtus Veneri, sua laurea Phoebo ;
Phyllis amat corylos ; illas dum Phyllis amabit,
nec myrtus vincet corylos nec laurea Phoebi.

- T. Fraxinus in silvis pulcherrima, pinus in hortis, 65
populus in fluviis, abies in montibus altis ;
saepius at si me, Lycida formonse, revisas,
fraxinus in silvis cedit tibi, pinus in hortis.
- M. Haec memini, et victum frustra contendere Thyrsim.
ex illo Corydon Corydon est tempore nobis. 70

grow up in the shades after her death : Hercules, on his way from the infernal regions, made himself a garland from its leaves.

62. The myrtle, being a sea-side plant ('amantis litora myrtos, G. IV 124), was supposed to have sheltered Venus on her first rising from the sea. ['Formonsae' originally, Pal.—H. N. See v. 38.]

64. Serv. quotes a variant 'Veneris,' for 'corylos,' as occurring 'in Hebrai (libro)'; Heyne and Gebauer prefer it. But it would weaken the emphasis which at present falls on 'laurea Phoebi.'

65-68. 'Th. Each spot has its favourite tree : but Lycidas will grace any spot more than any tree.'

65. If Thyrsis fails here, it is that he does not pay so high a compliment as Corydon : but his language is more natural. Corydon had spoken merely of favourite trees : Thyrsis compares Lycidas himself to a tree, as being, like it, the glory of the place which he frequents. Comp. v 32 foll.

'Silvis,' probably the plantations which the shepherd has to take care of, as 'horti' are his gardens or orchards. For this reason the trees belonging to them seem to be chosen, rather than the river and mountain trees, to be compared with Lycidas in v. 68 ; it is to the scenes of his labour that Thyrsis invites his beloved one. 'Pinus' is the *πίτυς ἡμερος*, called by Ov. A. A. III 692, 'pinus culta.'

[Serv. mentions variants : 'Fraxinus in silvis' et post 'populus in fluviis' ut est nunc, in Vari et in Hebrai : prius 'populus in fluviis, dein fraxinus in silvis.'—H. N.]

66. 'In fluviis' merely means that the poplar is a river-tree. [Pliny XVI 77 'non nisi in aquis proveniunt salicesalni populi.']

67. ['Formonse' originally, Pal.—H. N. See v. 38.]

68. Comp. Hom.'s comparison of a beautiful youth killed to a poplar cut down, II. IV 482. Pal. and Gud. have 'cedet.'

70. Virg. imitates Theocr. VIII 92, *κῆς τούτῳ πῶτος παρὰ ποιμῖσι Δάφνης ἔγεντο*, but the meaning of his words is not clear. The alternatives are (1) 'henceforth Corydon is Corydon with us,' as if he had intended to say 'primus,' and then changed the expression, to show that the highest praise that could be bestowed on Corydon was to say that he was himself, and (2) 'henceforth it is Corydon, Corydon with us'—Corydon is in all our mouths. Either yields a good sense, but no adequate parallel has been adduced either for the identical proposition, 'Corydon est Corydon,' or for the use of 'est nobis' to signify 'all our talk is about him.' Παρὰ ποιμῖσι, however, as Gebauer remarks, is in favour of taking 'nobis' as 'apud nos,' 'nostro iudicio' and perhaps we may illustrate 'Corydon est Corydon' by the opposite ἵπρος αἰπος of Hom. Od. XV 73. [Serv. says Corydon means 'victor, nobilis supra omnes.' This may mean either that 'Corydon' was a colloquial term for a victor, or (as Ladewig thinks) that the name Corydon could now stand as a symbol for the highest excellence in singing, as that of Cicero or Demosthenes in the sphere of oratory : 'Corydon will be a Corydon.'—H. N.]

ECLOGA VIII. [PHARMACEUTRIA.]

DAMON. ALPHESIBOEUS.

WE have here the songs of two shepherds, Damon, in the character of a despairing lover lamenting over his faithless Nysa, who has taken a less worthy mate, and finally resolving on self-destruction, and Alpheisiboeus, in the character of a woman also forsaken by her lover, though only for a time, and trying to recover him by enchantments, which at last prove successful.

[Serv. (on vv. 6, 10, 12) says that the poem is addressed to Augustus, but adds that some critics took it as referring to Pollio. The reference to Augustus can only be defended by an unnatural if not impossible interpretation of verse 10. It is much more probable that the piece is addressed to] Pollio, in a preface running parallel with that to E. VI (see Introduction there, and note on v. 7 here). Its date may be fixed from vv. 6 foll., which apparently point to the time when Pollio had gained his victory over the Parthini in Illyricum ('victricis laurus,' v. 13), and was on his way home to receive the triumph which he celebrated Oct. 25, B.C. 39. Whether 'iussis carmina coepta tuis,' v. 11, actually means that Pollio suggested one or both of the subjects of the Eclogue, or merely that he asked to have another pastoral written, is of course impossible to say.

The Eclogue itself is so far parallel to E. v that it contains a species of amoebean, consisting not, like Eclogues III and VII, of a number of short efforts, but of two continuous strains of equal lengths—the difference between a dialogue and a set oration followed by a set reply—suggested perhaps by Theocr. Id. IX, where there are two songs of seven lines each. But the detail here is much more complicated, each of the poems being composed of ten stanzas (so to call them), consisting respectively of two, three, four, and five lines, and separated from each other by a burden. The arrangement of the stanzas however is not quite the same in the two poems, as the last three stanzas of Damon's song consist respectively of four, five, and three lines with their burdens, while in Alpheisiboeus' the order of the concluding stanzas runs, five lines, three lines, and four lines.

The circumstances under which this amoebean exercise takes place are not stated (note on v. 14). The two songs have no formal connexion, though baffled love is the theme of both. The first is imitated from various passages in the first, third, and eleventh Idyls of Theocritus, the second entirely from Idyl II, which Virgil abridges and fits with a more prosperous conclusion. The lynxes (v. 3) and the mention of Oeta (v. 30) show that the scenery is not national.

PASTORUM Musam Damonis et Alpheisiboei,
immemor herbarum quos est mirata iuvenca

1-5. 'My subject is the songs of Damon and Alpheisiboeus, which entranced all that heard them.'

1. Forb. seems right in supposing that 'pastorum Musam' is equivalent to 'silvestrem Musam,' as 'coniugis amore,' v. 18, appears to be to 'coniugali amore.'

Of course the genitive in each case is still in apposition to the name of the person or persons following. 'Alpheisiboei,' v 73.

2. For the effect of song upon nature comp. VI 27, 71. The cattle forget to graze for joy and wonder, as in v 26 for grief.

certantis, quorum stupefactae carmine lynces,
 et mutata suos requierunt flumina cursus,
 Damonis Musam dicemus et Alphisiboei. 5

Tu mihi seu magni superas iam saxa Timavi,
 sive oram Illyrici legis aequoris, en erit umquam
 ille dies, mihi cum liceat tua dicere facta?
 en erit, ut liceat totum mihi ferre per orbem
 sola Sophocleo tua carmina digna coturno? 10
 a te principium, tibi desinet. accipe iussis

3. The lynx, like the lion, v 27, seems to be neither Italian nor Sicilian, so that its introduction is an additional element of unreality. Virg. was doubtless thinking of the effect of the legendary song of Orpheus, and named any savage beast as a proof of the power of music.

[Vahlen (Ind. Lect. Berl. 1887) is perhaps right in taking 'stupefactae' and 'mutata' as parallel, and 'requierunt' as the verb to both 'lynces' and 'flumina.']

4. The traditional explanation of 'requierunt,' as active, is strongly supported by Prop. III xv 25, 'Iuppiter Alcmenae geminos requieverat Arcetos,' and a line of Calvus' Io quoted by Serv., 'Sol quoque perpetuos meminit requiescere cursus' (not to mention Cris., v. 233). Some later editors of Propertius understand the construction to be that of an intransitive verb with a cognate acc.; but such a Grecism is not in the style of Virg. If the active sense of 'requierunt' be not accepted here, 'cursus' might be constructed with 'mutata,' as the course of a river, by being checked, would in effect be changed, though the words, as Wagn. remarks, would rather point to a magician's spell making the river roll back, like Medea's, Val. Fl. VI 443, 'Mutat agros fluviumque vias.'

6-13. 'This poem is for Pollio, to greet his triumphal return. Would that I could hope ever to celebrate him worthily! As it is, I can only offer him a few verses written at his bidding.'

6. 'Tu mihi' is rightly taken by Wagn. and Forb. with 'superas'; 'we need not suppose a parenthesis from 'seu magni' to 'desinet' (v. 11) with Heyne, or an aposiopesis with the earlier editors. Pollio is returning from his expedition against the Parthini to triumph at Rome. Virg., at the moment of writing, wonders whether the fortunate ship has yet reached Italy or not, the ethical dative expressing

that the poet's feeling goes along with his patron. [Vahlen compares the opening of G 1, etc., and thinks Virg. here intended 'mihi adsis.']

'Superas,' as 'legis' shows, is to be understood of passing by sea, as A. I 244 (note), 'fontem superare Timavi.' 'Magni' expresses the breadth of the stream, and 'saxa' the character of the region about, as described in the note referred to.

7. 'En erit umquam,' I 68. Comp. VI 6 foll., where the general effect is the same, an apology for not celebrating his patron, though Virg. does not hide his unwillingness there, as he seems to do here, under a mask of eager regret.

8. 'Tua dicere facta,' IV 54.

10. Pollio's tragedies have been glanced at, III 84, and are more particularly mentioned by Hor. Od. II i 9, S. I x 42. 'Digna,' like 'dicere Cinna digna,' IX 35. Heyne remarks that it is a questionable compliment from Virg. to talk of making Pollio's verses known by means of his own, though we may suppose the tragedies had not yet been given to the public. [Serv. interprets 'tua carmina' as 'tuae laudes,' 'your praises worthy to be celebrated by the Muse of Sophocles;' and so Schaper, who thinks that this Eclogue was revised from 27-25 B.C., and refers not to Pollio but to Augustus. But can 'tua carmina' mean anything but 'your poems'?—H. N.]

11. Imitated from Theocr. XVII 1, who in his turn has imitated Il. IX 97. With the language comp. III 60. The nom. to 'desinet' must be 'principium,' though Virg. writes as if he had said, 'a te coepit Musa,' or words to that effect. Pal. and perhaps Gud. (originally) have 'desinam,' which Ribbeck adopts. The reading is plausible, as the non-elision of the syllable, with which comp. Hor. S. II ii 28, may have led to the alteration.

carmina coepta tuis, atque hanc sine tempora circum
inter victricis hederam tibi serpere laurus.

Frigida vix caelo noctis decesserat umbra,
cum ros in tenera pecori gratissimus herba, 15
incumbens tereti Damon sic coepit olivae.

D. Nascere, praeque diem veniens age, Lucifer, alnum,
coniugis indigno Nysae deceptus amore
dum quorer, et divos, quamquam nil testibus illis
profeci, extrema moriens tamen adloquor hora. 20
— incipe Maenlios mecum, mea tibia, versus.

The promise, which is the same as Horace's to Maecenas, Ep. i i 1, is rather premature, as it is only in the Eclogues that any allusion to Pollio occurs. The editors, however, remark that Nestor makes the same promise with regard to Agamemnon in his speech, Il. ix 97, and does not keep it much better.

12. 'Coepta' need not imply that he had taken up the poem and laid it down again, as Spohn thinks.

'Hanc sine,' accept this praise of your tragedies ('hederam' as in VII 25 note) along with the military honours of your triumph.

13. 'Serpere' expresses the character of the ivy, like Persius' 'quorum imagines lambunt Hederæ sequaces,' Prol v. 5. ['Laurus,' Quint. x i 92, Charis. p. 135, Keil. 'lauros,' Med. Pal. Gud. See VI 83 note.—H. N.]

14-16. 'It was just daybreak when Damon began.'

14. Damon and Alpheisboeus had driven their flocks afield before daybreak, as Virg. himself prescribes, G. III 322 foll., for the summer months. Nothing is said of any challenge; the contest may have been agreed on before; or Virg. may have chosen to pass over the preliminaries altogether, as he has done partially in E. VII; or Damon's song may have been answered by Alpheisboeus without any previous concert. Damon need not be supposed to be singing of his own despair, but merely to be performing in character, as Alpheisboeus evidently is; he takes advantage, however, of the early morning, as if he had been bewailing his lost love all night.

15. Repeated G. III 326 with 'et' for 'cum.'

16. 'Tereti olivae,' not the trunk of an

olive, which would suit neither 'incumbens' nor the epithet 'teres;' but his staff of smoothed olive, which he carried like Lycidas in Theocr. VII 18, *δοκάν δ' ἔγεν ἀγριελαιῶ Δεξιτερᾷ κορίνῳ*, or Apollo, *Ὀν. M. II 680*, 'pastoria pellis Textit, onusque fuit dextrae silvestris oliva' (where, however, Heins. and Merkel give 'baculum silvestre sinistrae').

17-21. 'Da. Come, gentle day, I am mourning the broken faith of my love, and appealing to the gods as a dying man.'

17. He sees the day-star rising, and bids it perform its office. 'Surgebat Lucifer . . . ducebatque diem,' A. II 802.

18. 'Indigno amore,' as in x 10, unworthy, because unreturned. Nysa is 'coniunx,' because it was as his wife that Damon loved her. In translating freely we might talk of 'a husband's love.' So 'ereptae magno inflammatus amore Coniugis,' A. III 330, of Orestes' baffled love for Hermione. Comp. A. II 344, and v. I above.

19. 'Testibus illis:' their testimony has stood me in no stead hitherto, as Nysa has broken the vows made before them. [Ver. resumes here till v. 44.]

20. ['Adloquar,' Pal. corr. and Med. originally; so formerly Ribbeck.—H. N.]

21. 'Maenlios,' Arcadian, VII 3 note, Theocr.'s *βωκολικᾶς ἀοιδᾶς*.

'Tibia,' the flute, was used by shepherds as well as the reed or the Pan-pipe, as appears from Theocr. xx 29 (comp. Lucr. v 1335); but here it may merely be a variety for 'fistula,' v. 33.

'Mecum,' because the music accompanies the song. Hor. Od. I xxxii 1, 'Lusimus tecum . . . Barbite.'

Theocr. introduces refrains into his first and second Idyls, but generally with obvious regularity of recurrence, and occa-

Maenalus argutumque nemus pinosque loquentis
semper habet; semper pastorum ille audit amores,
Panaque, qui primus calamos non passus inertis.

incipi Maenalios ꞛecum, mea tibia, versus. 25

Mopso Nysa datur: quid non speremus amantes?
iungentur iam grypes equis, aevoque sequenti
cum canibus timidi venient ad pocula dammae.

[incipi Maenalios ꞛecum, mea tibia, versus.]

Mopse, novas incide faces: tibi ducitur uxor; 30
sparge, marite, nuces: tibi deserit Hesperus Oetam.

sionally where there is no pause in the sense, so that they seem to represent something in the music. The present line is from Id. I 66, etc., ἀρχεῖ βωκολικᾶς, Μοῖσαι φίλαι, ἀρχεῖ αὐδαῖς, where it does not end but begin the stanzas.

22-25. 'Arcadia is the country for pastoral song: Pan and the shepherds sing there.'

22. He dwells on the thought suggested by the refrain. 'Argutum' and 'loquentis' are worded as if to express the natural music of the whispering trees (see VII 1), though the reference is really to the echo of the songs. Compare a similar double meaning in V 62 (note), 'Pinifer Maenalus,' X 15. ['Pinus' originally Pal. and Gud.—H. N.]

23. 'Amores,' of love-songs, X 53.

24. Comp. II 32. Pan here appears as a promoter of civilization, by applying natural things to the use of man—the language, as Heyne remarks, resembling G. I 124, 'Nec torpere gravi passus sua regna veterno.' The reeds were not left to murmur chance music (comp. Lucr. V 1382 foll.), but were disciplined for regular use. ['Primum' Med.]

26-31. 'Nysa marries Mopsus, an ill-omened and unnatural union: yes, he has the honours of a bridegroom.'

26. 'Dare,' give in marriage, A. I 345. 'Quid—amantes?' 'what may we not expect as lovers?' i.e. what may we not expect to happen in love?

27. 'Iungentur,' of marriage (A. I 73), as in similar proverbial expressions, Aristoph. Peace 1076, πρὶν κεν λόκος οἶν ὑμεναῖοῖ, Hor. A. P. 13, 'Serpentes avibus geminentur, tigribus agni.' This suits the context better than the interpretation of later editors, of yoking horses and griffins in a car, as in III 91. So the next

verse is intended to express intimate daily association. For the griffins, lions with eagles' heads and wings, see Hdt. III 116.

'Iam' seems to be distinguished from 'aevo sequenti,' the latter marking a later step in the monstrous revolution.

28. 'Timidi dammae,' G. III 539. Virg.'s use of the masc. is noted by Serv. and other grammarians, and perhaps by Quint. IX III 6, though he quotes the two words without the context, and may refer to G. III, l. c. Pal. (originally) and Med. have 'timidae.' The epithet marks their ordinary nature, in spite of which they are to herd with their enemies.

'Pocula' is frequently used to signify not only a cup but its contents, G. I 8, so that it may easily be used here, where the notion of a cup is merely metaphorical. The editors comp. G. III 529, 'Pocula sunt fontes liquidi,' where the metaphor almost passes into a simile—'fontes liquidi sunt pro poculis.'

29. [Ribbeck and Conington introduce this line from Gud. to balance v. 76.]

30. The bridegroom is bidden to prepare for the wedding by getting the torches ready himself. 'Incide faces' is a natural rustic image, as such things were part of a countryman's work, G. I 292 (note), and 'novas' is equally natural, as the occasion would doubtless seem to require new torches. 'Tibi ducitur,' is being brought home to you.

31. 'Nuces' were flung by the bridegroom among the boys carrying the torches, as the bride approached, Catull. LXI 128 foll. The ceremonies are now supposed to have begun, the signal being the rising of the evening star: see Catull. LXII throughout.

'Deserit Oetam,' VI 86, note. Catull. LXII 7, 'Nimirum Oetaeos ostendit Noc-

— incipe Maenalios mecum, mea tibia, versus.
o digno coniuncta viro, dum despicias omnis,
dumque tibi est odio mea fistula dumque capellae
hirsutumque supercilium promissaque barba, 35
nec curare deum credis mortalia quemquam!

— incipe Maenalios mecum, mea tibia, versus.
saepibus in nostris parvam te roscida mala—
dux ego vester eram—vidi cum matre legentem.
alter ab undecimo tum me iam acceperat annus; 40
iam fragilis poteram ab terra contingere ramos.
ut vidi, ut perii! ut me malus abstulit error!

tifer ignis.' Serv. mentions a legend connecting Oeta with the worship of Hesperus, who loved a youth Hymenaeus. If Virg. referred to this or any thing like it, we need not suppose him to be here following a Greek original, though he is likely enough to have been guilty of the incongruity of making a Greek shepherd allude to the details of a Roman marriage.

Keightley remarks on the ignorance shown in supposing that there can be a morning and evening star at the same time (comp. v. 17). The same error is committed by Catull. LXII 34, Hor. Od. II ix 10, and other Latin poets. In general they were careless observers of nature. ['Oetan' Ver.]

33-37. 'A suitable match for one who scorns my rusticity, and perjures herself fearlessly.'

33. This marriage has come upon Nysa as a punishment for her scorn and perfidy. Damon evidently means that Mopsus is confessedly inferior to himself.

34. The maiden scorning the rusticity and unsightliness of her lover is from Theocr. Idyls III, XI, XX.

35. 'Hirsutumque supercilium,' *λασία ὄφρυς*, Theocr. XI 31.

'Promissa' Med., Gud., etc.; the old reading 'prolixa' is found in two of Ribbeck's cursives. Pal. has 'demissa.' 'Immissaque barba,' A. III 593. Virg. may have intended it as an imitation of *προγένειος*, Theocr. III 9, which is taken to mean 'having a prominent chin' [by the best edd., but 'bearded' by the Schol. and Hesych.]

36. *οὐκ ἔφα τις θεοῦς βροτῶν ἀξιοῦσθαι μέλειν*, Aesch. Ag. 369. 'Mortalia' = 'res mortalia,' A. I 461; so Lucr. VI 29 'rebus mortalibus.'

38-43. 'I first saw you when I was a child and you came to gather our apples. That moment was my fate.'

38. Theocr. XI 25 foll., the Cyclops tells Galatea that he has loved her ever since she came to gather hyacinths.

'Saepibus in nostris,' within our enclosure (I 54), in our orchard. 'Roscida,' with the dew on them.

39. The boy, knowing every nook of the orchard, shows the way to his mother's guest. The sense of 'matre' is fixed by Theocr. XI 26, *ἔμῃ σὺν μητρὶ*.

40. Modern editors have found little difficulty in deciding that 'alter ab undecimo' is the twelfth, following the inclusive mode of counting. Comp. 'alter ab illo,' v 49; 'heros ab Achille secundus,' Hor. S. II iii 193. The Romans counted both inclusively and exclusively, and authorities were at one time divided on the question whether Virg. meant the twelfth or the thirteenth. The former view was supported by Vives, Camerarius, Nannius, Sigonius, the elder Scaliger, and Castalio; the latter by Servius, Eugraphius, Manutius, and the younger Scaliger.

'Acceperat' is the reading of all Ribbeck's MSS. 'Accipere' is correlative to 'inire' or 'ingredi,' the year receiving those who enter on it.

41. 'Fragilis,' he was just able to reach and snap them off.

'Ab terra' is restored by Wagn. from Med., and originally Pal., for 'a terra.' ['Ab' is used by Virg. only when it implies place or origin, and, if it precedes a consonant, the consonant must be i, l, r, s, or t.—Georges.]

42. Theocr. II 82, *χῶς ἴδον, ὡς ἐμάνην, ὡς μὲν περὶ θυμὸς ἰάφθη* (comp. ib. III 42, Hom. II. I 512, XIV 294, XX 424), where

incipi Maenalius mecum, mea tibia, versus.
nunc scio, quid sit Amor; duris in cotibus illum
aut Tmaros, aut Rhodope, aut extremi Garamantes, 45
nec generis nostri puerum nec sanguinis edunt.

incipi Maenalius mecum, mea tibia, versus.
saevus Amor docuit natorum sanguine matrem
commaculare manus; crudelis tu quoque, mater;
crudelis mater magis, an puer improbus ille? 50

the second $\omega\zeta$ should possibly be $\omega\zeta$ —‘when I saw, I at once became mad,’ or, ‘as surely as I saw, I became mad’—so that Virg.’s ‘ut’ would be a mistranslation. The meaning here apparently is ‘when I saw, how was I undone!’

‘Error,’ madness. Comp. Hor. Ep. II i 118, where it is coupled with ‘insania,’ A. P. 454. The line recurs, Ciris, v. 430.

43-47. ‘Now I know what love is—nothing human, but the savage growth of the wilds.’

44. From Theocr. III 15. Comp. A. IV 365 note. ‘Scio’ and ‘nescio’ are the only instances in which Virg. shortens the final ‘o’ in a verb (comp. A. IX 296). This may be accounted for by their constant colloquial use, and possibly by ‘scio’ having come to be pronounced as a monosyllable.

‘Cotibus,’ the older form of ‘cautibus,’ like ‘plostrum’ of ‘plaustrum,’ etc. [For ‘duris’ Pal. had ‘nudis.’]

45. ‘Aut Tmaros,’ in one form or another, is read by all the oldest MSS., including the Verona fragm. ‘Ismarus,’ the reading of many early editions, is found in some of Ribbeck’s cursives, and we have already seen it coupled with ‘Rhodope,’ VI 30. There is a similar variety A. v 620.

The line is formed on the Greek model, but it need not be a translation. From II. XVI 34 it would appear that the intention was to represent a savage man as actually sprung from a rock: but ‘extremi Garamantes’ here shows that Virg. was thinking less of the rocks than of their inhabitants.

46. ‘Nostri,’ human, like the transferred sense of ‘humanus,’ savages not being included in humanity.

‘Edunt’ seems rightly explained by Wagn. = ‘parentes sunt,’ as if giving birth were a continuing act; so ‘creat,’

G. I 279, A. X 705; ‘generat,’ A. VIII 141; ‘educat,’ A. X 518.

48-52. ‘The cruelty of love is an old story: love made Medea kill her children, though her heart was hard too.’

49. ‘Mater’ is clearly to be explained like ‘matrem,’ of Medea, not of Venus, though the close connexion of ‘mater’ and ‘puer’ is awkward when the terms are not correlative. The shepherd is naturally led to blame Medea—she must have had a hard heart to have let love impel her to such a crime,—then recurring to his old complaint against love, he balances the criminality in each case, but cannot adjust the proportions. There is nothing particularly inappropriate in this, though Catrou thinks it mere playing on words, and editors alter variously. Heyne omits vv. 50, 51. Herm. reduces this and the following lines to two, reading ‘commaculare manus: puer a puer improbus ille: Improbus’ etc.; Ribbeck arrives at the same result by omitting v. 51, and reading ‘commaculare manus, crudelis! tu quoque, mater, Crudelis mater, magis at puer improbus ille.’ Each critic supposes a line to be lost after v. 59. But even this would not restore the symmetry of the two songs, as the present stanza, the eighth of Damon’s, would thus answer not to the eighth but to the ninth of Alpheisboeus’, and Herm. is further obliged to transpose vv. 96-101, inserting them after v. 105.

50. ‘Is the cruelty of the mother, or the wickedness of the boy greater?’ Voss supposes the question to be whether the mother or the wicked boy be the more cruel, the answer being, ‘the wicked boy; though the mother is cruel still.’ But this is far less natural, and overlooks the obvious distinction between the cruelty of Medea and the wanton malice of the god who drove her to crime, which may be compared in point of criminality, but

improbus ille puer ; crudelis tu quoque, mater.
 — incipe Maenalios mecum, mea tibia, versus.
 nunc et ovis ultro fugiat lupus, aurea durae
 mala ferant quercus, narcisso floreat alnus,
 pinguia corticibus sudent electra myricae, 55
 certent et cynnis ululae, sit Tityrus Orpheus,
 Orpheus in silvis, inter delphinas Arion,
 — (incipit Maenalios mecum, mea tibia, versus)
 omnia vel medium fiant mare. vivite, silvae :
 praiceps aërii specula de montis in undas 60

cannot be identified. So 'Improbe amor, quid non mortalia pectora cogis?' A IV 413. 'Vanum mendacemque improba (Fortuna) finget,' A. II 80.

53-57. 'Let the order of nature be reversed, barren things becoming fruitful, and base things honourable.'

53. He had before prophesied unequal and unnatural unions, vv. 27, 28: he now prays that, as he is to die despairing and a meaner man to triumph, a similar change may affect all nature. The changes which he desires are those which are mentioned elsewhere as the results of the golden age (III 89, IV 30, etc., v 60), the same events being capable of being regarded either as a bestowal of favour on the less favoured parts of nature, or as a transference of the just rights of the strong and beautiful to the weak and contemptible. Thus the prayer of v. 56 may be paralleled with Horace's address to the Muse (Od. IV iii 19), 'O mutis quoque piscibus Donatura cynni, si libeat, sonum,' and the change of Tityrus into Orpheus with the shepherd-poet's boast (IV 55 foll.), that he will equal Orpheus and Linus if allowed to sing in the golden age. In Theocr. I 132 foll., from which the passage is copied, the instances seem merely to be chosen as involving a reversal of the order of nature, not as symbolizing the dishonour done to Daphnis.

'Ultrō,' not only forbear to molest them, but actually fly from them in his turn.

'Aurea mala,' III 71.

55. The tamarisk, as in IV 2, VI 10, seems to be chosen as one of the meaner plants, which is supposed to be raised to the privileges of the alder or poplar, the river-trees (VI 63) which were believed to distil amber (Ov. M. II 364).

56. 'Certent—ululae,' a proverbial expression, which appears in various forms, Theocr. I 136, v 136, 137; Lucr. III 6: see also IX 36.

57. 'Arion,' the sea being an element for the shepherd, as a bather or a fisher, as well as the land.

59-62. 'Let earth be turned to sea. I at least will find my death in the deep, and she may delight in it.'

59. Ribbeck [and Conington] accept 'fiat' from Med., Pal., Serv. for 'fiant' [Gud., etc., Priscian, Donatus]. The sense is of course the same either way.

'Medium,' the mid or deep sea. 'Graditurque per aequor Iam medium,' A. III 665. The wish, as Elmsley pointed out, appears to be a mistranslation of Theocr. I 134, πάντα δ' ἑλλάλα γίνονται, as if the word were ἐνάλια. Virg. may have intended to lead up to this thought by the mention of Tityrus in the sea, v. 57, 'in short, let earth take the place of sea.' So the farewell to the woods, 'silvae' contrasted with the sea, as in v. 57, and the shepherd's resolution to drown himself, are introduced as if in anticipation of this general change. The notion cannot be called appropriate, though we are prepared for it by such passages as I 60, and that quoted from Hdt. in the note there. The farewell is from Theocr. I 115, where it is given in much greater detail. 'Concedite silvae,' x 63.

60. Theocr. III 25, τὰν βαίταν ἀποδὺς ἐς κύματα τῆνῶ ἀλιύμαι 'Ὀππὸ τῶς θύνην σκοπιᾶσδεται 'Ὀλιπὸς ὁ γριπιεύς, where σκοπιᾶσδεται suggested 'specula' here, though the word, like the Homeric σκοπιῆ, evidently means no more than a mountain-top which may be used as a watch-tower. 'Specula ab alta,' A. x 454. The Ciris has a similar line, v. 301.

deferar; extremum hoc munus morientis habeto.

desine Maenaliis, iam desine, tibia, versus.

Haec Damon; vos, quae responderit Alphisiboeus,
dicite, Pierides; non omnia possumus omnes.

A. Effer aquam, et molli cinge haec altaria vitta, 65
verbenasque adole pinguis et mascula tura:
coniugis ut magicis sanos avertere sacris

61. It is doubtful whether 'munus' is to be understood of the song, with Heyne, or of his death, with the majority of editors. The latter is recommended by [Theocr.] XXIII 20, *δῶρα τοὶ ἦλθον Δοίθια ταῦτα φέρων, τὸν ἐμὸν βρῆχον*: but there is something awkward in death's being called the last gift of a dying man, and it would be more satisfactory if there were any thing connected with his death (like the halter in Theocr.), which he could be supposed to offer her. Virg. however probably meant to convey the sense of Theocr. III 27 (see last note), *καίκα δὴ ποθᾶνω, τό γε μάν τεὸν ὀδὸν τέτυκται*.

62. Theocr. I 127, *λήγετε βωκολικᾶς, Μῦσαι, ἴτε, λήγετε ἀοιδᾶς*, a line which occurs not only at the end of Thyrsis' song, but several times during the latter part of it.

63, 64. 'Alphisiboeus replies.' Virg. having rehearsed Damon's song in his own person, asks the Muses to repeat that of Alphisiboeus, alleging that one man is not equal to both. There is nothing here to indicate a preference of the latter. Alphisiboeus' song is in a totally different style from Damon's: and whether the Muses are invoked as goddesses of memory, or of song, or of both (see note VII 19), it is not extraordinary that the narrator should request for the second song an assistance which he did not require for the first. In fact the words 'non omnia possumus omnes,' a hemistich from Lucilius, Sat. v 52 (Müller), seemingly proverbial (comp. VII 23, G. II 109 note), sufficiently explain themselves. The sentiment is as old as Hom. II. XXIII 670, *οὐδ' ἄρα πως ἦν' Ἐν πάντεσσ' ἔργοισι δαήμονα φῶτα γενέσθαι*. The song is meant to correspond to Damon's, like Menalcas' in E. v to Mopsus', as is clear from the whole Eclogue, as well as from the similarity of detail (see note on v. 76): but an amoebean exercise does not involve a contest here any more than there.

65-69. 'A. Bring lustral water: wreath

the altar with wool: throw sacred boughs and frankincense into the fire: I am trying to bring back my lover by enchantment: now for a magic song.'

65. The maiden is standing before the altar, and about to commence. 'Effer aquam,' to her attendant, Amaryllis (vv. 76, 77, 101), who is bidden to bring the lustral water out into the 'impluvium,' where these solemnities seem to be going on.

'Molli' probably, as Serv. thinks, because the fillet was of wool. 'Terque focum circa laneus orbis eat,' Prop. v vi 6. The passage is imitated more or less closely from Theocr. II 1 foll.

66. 'Verbenae sunt omnes herbae frondesque festae ad aras coronandas, vel omnes herbae frondesque ex aliquo loco puro decerpatae: verbenae autem dictae quasi herbenae,' Donatus on Ter. Andr. IV iii 11. [Another etymology, from 'viridis,' is given in Serv. The real derivation is as yet uncertain.—H. N.] For its use in the sense of 'vervain' see G. IV 131.

'Pinguis,' unctuous, and fit for burning.

'Mascula' was the best kind of frankincense, also called 'stagonias,' being shaped like a round drop. Pliny XII 62. Comp. Hor. Od. I xix 13, 'Verbenas, pueri, ponite turaque.'

[Possibly there are two distinct verbs: (1) 'adoleo,' to increase, i.e. pile up, offer on altar, as Nonius explains the word here; hence (metaph.) to honour; 'adolere Penates' A. I 704; (2) 'adoleo,' to burn, a sense found as early as Ennius and Val. Antias, and assumed for this passage by Serv. Here and A. III 547 either meaning suits: in A. VII 71 the word plainly = 'burn.' See Nettleship's Contributions to Latin Lex. p. 46 and G. IV 379.]

67. 'Coniugis,' placed as in v. 18, near the opening of the song, so as to suggest the intended parallel between the two. Here the lovers seem to have been already united, if we may argue from Theocr.

experiar sensus ; nihil hic nisi carmina desunt.

ducite ab urbe domum, mea carmina, ducite Daphnim.

carmina vel caelo possunt deducere Lunam ; 70

carminibus Circe socios mutavit Ulixi ;

frigidus in pratis cantando rumpitur anguis.

ducite ab urbe domum, mea carmina, ducite Daphnim.

terna tibi haec primum triplici diversa colore

licia circumdo, terque haec altaria circum 75

effigiem duco ; numero deus impare gaudet.

ducite ab urbe domum, mea carmina, ducite Daphnim.

necte tribus nodis ternos, Amarylli, colores ;

'Avertere, a sanitate mutare,' Serv. rightly. The phrase is probably a translation of the Homeric *βλάπτειν φρένας* *ήσας*, Od. xiv 178. She wishes him to be 'insanus,' passionately in love, not cold and indifferent.

68. 'Carmina' is her magic song, the same which she has just begun, as the Furies in Aesch. Eum. 306 call their choral ode *ήμνος δίσμμος*.

69. Imitated from the burden in Theocr. II 17, etc., *ήγχε, έλεε τή τήνον έμδν ποτι δάμα τόν άνδρα*. 'Ab urbe' seems to imply that the speaker is a countrywoman whose lover is away at Mantua, I 34.

70-73. 'Great is the power of magic song : it can bring down the moon, change men into brutes, burst serpents asunder.'

70. Observe the correspondence of the opening of Alpheisiboeus' song with that of Damon's. The first stanza in each gives the subject : the second speaks of the associations connected with the kind of song chosen. With the present passage comp. Tibull. I viii 19 foll., which resembles it closely, and A. IV 487-491. The power of sorceresses to draw down the moon is frequently referred to by the ancients, Aristoph. Clouds 749, Hor. Epod. v 45, xvii 77.

71. See Od. x 203 foll.

72. For this effect of incantation see Lucil. Sat. xx 5 (Müller), 'Iam dirumpetur medius, iam ut Marsu' colubras Dirumpit cantu, venas cum extenderit omnes,' Ov. M. VII 203, Am. II i 25.

'Frigidus anguis,' III 93. 'Cantando' is used unambiguously or impersonally, like 'habendo' G. II 250, 'tegender' G. III 454, etc.

74-80. 'I twist three threads of different colours round Daphnis' image,

which I carry thrice round the altar, for the virtue of the number. Let them be knit into a love-knot.'

74. 'Terna' probably for 'tres,' though Serv. supposes that there are nine threads of three different colours, and so the author of the Ciris, v. 370 foll., where this passage is imitated.

For the magic force of the number three, comp. Theocr. II 43, A. IV 511, Ov. M. VII 189 foll., Tibull. I II 54, Hor. Ep. I i 36. The three colours, according to Serv., are white, rose-red, and black.

'Tibi' is explained by 'effigiem,' v. 75. 'Primum,' as her first effort at incantation.

['Primum' Pal. originally.—H. N.]

75. For 'haec altaria' one late MS., the Lombard, gives 'hanc,' which Wagn. would introduce. But Jahn and Forb. seem right in remarking that 'tibi' is the keynote of the sentence. 'I bind these threads thrice round thee (thy image), and I carry thee in effigy thrice round this altar.'

76. For the use of images in love-charms, comp. A. IV 508, Hor. S. I viii 30. [O. Hirschfeld, De incantamentis et devinctionibus amatoris apud Graecos Romanosque ; Tylor, Early Hist. of Man-kind, ch. vi.]

'Numero deus impare gaudet : one superstition, says Serv., was that odd numbers were immortal, because they cannot be divided into two equal parts, the even being mortal. With the expression comp. III 59, 'amant alterna Camenae.' The hemistich recurs in the Ciris, v. 373.

78. 'Twine three colours in three knots ; i.e. make three knots, each of a thread with a different colour.

necte, Amarylli, modo, et, 'Veneris,' dic, 'vincula necto.'
 ducite ab urbe domum, mea carmina, ducite Daphnim. 80
 limus ut hic durescit et haec ut cera liquescit
 uno eodemque igni, sic nostro Daphnis amore.
 sparge molam, et fragilis incende bitumine laurus.
 Daphnis me malus urit, ego hanc in Daphnide laurum.
 ducite ab urbe domum, mea carmina, ducite Daphnim. 85
 talis amor Daphnim, qualis cum fessa iuvenum
 per nemora atque altos quaerendo bucula lucos
 propter aquae rivum viridi procumbit in ulva,
 perdita, nec serae meminit decedere nocti,

79. 'Modo' emphasizes the command thus repeated. 'Just twine them.' 'I modo,' Plaut. Trin. II iv 182.

'Veneris vincula:' for other allusions to these knots, Voss refers to Synesius, Ep. 121, and Apuleius, Met. III 137. The expression is from Theocr. II 21, *πάσ' ἄμα και λέγει ταῦτα· τὰ Δέλφιδος ὁστία πάσσω*. The early critics were anxious to read 'nodos' for 'modo,' and had recourse to various devices to account for the metre.

81-85. 'I put clay, wax, and bay-leaves into the fire, each to work a corresponding effect on Daphnis.'

81. Some commentators explain 'limus' and 'cera' of images of clay and wax; but Keightley rightly denies that any more is meant than pieces of clay and wax, which are put into the fire like the sprigs of bay, the 'mola' and the bitumen. This is evident from the words in Theocr. II 28, *Ὡς τοῦτον τὸν καρὸν ἐγὼ σὺν δαίμονι τάκω, Ὡς τάκωθ' ὑπ' ἔρωτος ὁ Μίνδιος ἀντίκα Δέλφιδος*.

The rhyme is meant to imitate the jingle usual in charms, as Voss remarks, comparing Cato, R. R. 160, where some seemingly unmeaning specimens of the sort are given. [Comp. Varro R. R. I ii 27, 'terra pestem teneto, salus hic maneto;'] Wölfflin's Archiv i 365.]

82. 'Eodem,' dissyllable. 'Una eademque via,' A. x 487.

'Sic:' so may my love act in two ways, softening Daphnis to me and hardening him to others. Voss.

83. 'Sparge molam:' *ἄλφιδά τοι πρῶτον πύρι τάκεται· ἀλλ' ἐπίπασσε*, Theocr. II 18. For 'mola,' in sacrifices, comp. A. II 133, IV 517.

'Fragilis,' crackling. 'Et fragilis soni-

tus chartarum commeditatur,' Lucr. VI 112. Bay-leaves were thrown on the altar, and their crackling was thought auspicious. 'Et succensa sacris crepillet bene laurea flammis, Omne quo felix et sacer annus eat. Laurus, io, bona signa dedit: gaudete, coloni,' Tibull. II v 81 foll. Comp. also Theocr. II 24.

['Laurus,' Pal., Gud. and Ribbeck's chief cursives, see VI 83.—H. N.]

84. *Δέλφιδος ἐμ' ἀνίασεν, ἐγὼ δ' ἐπὶ Δέλφιδος δάφναν αἰθω*, Theocr. II 23. 'Ἐπὶ Δέλφιδος' explains 'in Daphnide,' in the case of Daphnis, like 'talis in hoste fuit Priamo,' A. II 541. There may be a play intended between 'Daphnis' and *δάφνη*.

86-91. 'May Daphnis' longing be like the heifer's, who, tired with seeking her mate in vain, throws herself on the grass, and will not return to her stall.'

86. Virg. must mean that the heifer is seeking her mate, like Pasiphae VI 52 foll.; but the picture is not unlike the celebrated one in Lucr. II 352 foll. (compared by Cerda), of a cow looking for her lost calf, 'desiderio perfixa iuveni.'

87. 'Bucula,' G. I 375.

88. 'Propter aquae rivum,' Lucr. II 30. Pal. originally had 'concombis,' and so the text of Gud.

89. This line is said by Macrobi. Sat. VI 2 to be taken from Varius' poem De Morte Caesaris, where a dog chasing a stag is thus described, 'Non amnes illam medii, non ardua tardant, Perdita nec serae meminit decedere nocti.' If so, Virg. must be held to have proved his right to the line by the use he has made of it. The thought, the turn of the expression, and the rhythm of the verse, are all better suited to the love-stricken heifer than to the eager hound. The word

talis amor teneat, nec sit mihi cura mederi. 90
 ducite ab urbe domum, mea carmina, ducite Daphnim.
 has olim exuvias mihi perfidus ille reliquit,
 pignora cara sui; quae nunc ego limine in ipso,
 terra, tibi mando; debent haec pignora Daphnim.
 ducite ab urbe domum, mea carmina, ducite Daphnim. 95
 has herbas atque haec Ponto mihi lecta venena
 ipse dedit Moeris; nascuntur plurima Ponto.
 his ego saepe lupum fieri et se condere silvis
 Moerim, saepe animas imis excire sepulchris
 atque satas alio vidi traducere messis. 100

'perdita' in particular suggests the abandonment of love more naturally than reckless pursuit, and it is undoubtedly much more effective when hanging, as it were, between two clauses (a position with which Forb. aptly comp. A. IV 562), than when necessarily attached to the latter. With 'perdita' Keightley comp. II 59.

'Decedere nocti' occurs again G. III 467; comp. 'decedere calori,' G. IV 23, and Gray's 'leaves the world to darkness and to me.' Perhaps Virg. or Varius may have thought of Hom.'s *πεθώμεθα νυκτι μελαίρῃ* (II. VIII 502).

90. With 'talis amor Daphnim—talis amor teneat,' comp. vv. 1, 5.

92-95. 'These things which he has left I will bury at the door, in the hope that they will bring him back.'

92. From Theocr. II 53, where the border of the lover's robe which he has left behind is thrown into the fire. So Dido proposes to burn the relics (called 'exuviae') of Aeneas, A. IV 495 foll. [For the folklore, see also Lucian, Dial. Meretr. IV 4, Apuleius M. III 18.]

'Perfidus ille,' A. IV 421.

93. 'Pignora' seems to imply that they were left purposely, not by accident. 'Limine in ipso,' her own threshold, to which she wishes to attract him, the threshold being, as Heyne remarks, a common-place in Latin poetry in connexion with lovers' visits; there is no allusion to the practice mentioned by Theocr. II 60, of performing incantations at the door of the person whose presence was desired.

94. 'Debent' is explained by 'pignora.' They are his pledges, and bind him to redeem them.

96-101. 'These poison-plants I had from the great Moeris, who by their help could transform himself, conjure up spirits, and charm away crops.'

96. 'Herbas atque venena,' hendiadys. Ponto had a reputation for poisons from its connexion with Mithridates, and produced a particular poison-plant, the aconite. But it may be put here for Colchis, the country of Medea, in the [wider sense of the word] which we find in Cic. Pro Lege Man. 9, Juv. XIV 114, cited by Forb. [and in Ovid.]

97. 'Moeris' is mentioned nowhere else; but his name is given to a shepherd in the next Eclogue, and he is doubtless meant to be a noted country wizard.

'Plurima' is closely connected with 'nascuntur.'

98. The change of men into wolves, *λυκανθρωπία*, was a common superstition, lasting into and beyond the Middle Ages. The story of Lycaon, Ov. M. I 209 foll., is seemingly one of the earlier traditions on the subject.

'Et se condere silvis' goes closely with 'lupum fieri,' 'his' belonging to the one clause only in its connexion with the other. In Ov. l. c. Lycaon 'nactus silentia ruris exululat.' So in VI 80, Tereus or Philomela, immediately on being transformed, flies to the desert.

99. 'Nocturnosque ciet Manis,' of the sorceress, A. IV 490.

100. 'Cantus vicinis fruges traducit ab agris,' Tibull. I viii 19. The practice was forbidden in the Twelve Tables, under the name of 'fruges excantare,' Pliny XXVIII 18. [Serv. on v. 72 says 'Sane veteres "cantare" de magico carmine dicebant, unde et "excantare" est magicis carminibus obligare: Plautus in Bacchidibus "Namtu

ducite ab urbe domum, mea carmina, ducite Daphnim.
fer cineres, Amarylli, foras, rivoque fluenti
transque caput iace; nec respexeris. his ego Daphnim
adgrediar; nihil ille deos, nil carmina curat.

ducite ab urbe domum, mea carmina, ducite Daphnim. 105
aspice, corripuit tremulis altaria flammis
sponte sua, dum ferre moror, cinis ipse. bonum sit!

quidem cuius excantare cor facile potes." See also Nonius, p. 102.—H. N.] Our own unfortunate witches, as Keightley reminds us, were (and are still) accused of charming away butter out of the churn.

102-105. 'Take the ashes and throw them over your head into the running stream; perhaps they may have effect.'

102. The imitation here is of another passage in Theocr. xxiv 91 foll., where Tiresias bids Alcmena burn the serpents which Hercules had strangled in his cradle at midnight, and make one of her maids fling away their ashes in the morning. Here the burning of the sacrificial boughs and frankincense with the wax and clay, the salt cake and sprigs of bay, answers (as Voss suggests) to the burning of the serpents; and the ceremony of flinging away the ashes is evidently meant to be similar. There is, however, some difference in the detail. In Theocr. the servant is to carry the ashes across the stream and then to fling them away, and return without looking back; in Virg. she is to fling them away down the stream, not looking back when doing so. Comp. Aesch. Cho. 98, 99, *στείχω, καθάρμαθ' ὡς τις ἐκπίψας, πάλιν, Δικουσα τεύχος, ἀστρόφοισιν ὄμμασιν*, where Blomfield remarks on Virg.'s misunderstanding of Theocr. It is not easy to see the supposed object of the process here; it can hardly be connected with expiation as in Theocr. and Aesch. Voss thinks she intends nothing short of the destruction of Daphnis, which is symbolized by the ashes thrown into the river, and carried into the sea, just as in Theocr. Id. II the enchantress finally threatens to poison Delphis; but v. 104 shows that she is still hoping to bring him back. Whatever it is, she seems to look upon it as a last resource, vv. 102, 103.

'Rivo fluenti iace,' like 'undis spargere,' A. iv 600; ['disiice corpora ponto,' i 70, etc. The dat. seems (as Landgraf points out in Wölflin's Archiv viii 69-74)

to belong to the same class as 'it clamor caelo,' 'terrae defigitur arbos,' G. II 290, 'facilis descensus Averno,' A. vi 126, etc.]

103. 'Nec' Med., Gud., Pal. originally; 'ne' Pal. corrected and one or two of Ribbeck's cursives. The grounds for deciding between them are slight. Wagn. argues for 'nec' because Virg. means her not to look back while flinging the ashes away, but this is begging the question, as the passage in Theocr. might suggest another meaning. It would seem, however, from Od. v 349 that the two actions of throwing away and turning the back were meant to be closely connected; Ulysses is bidden *ἀψ ἀποδηγόμενος βαλῆεν εἰς οἶνοκα πόντον Πόλλον ἀπ' ἠπίρου, αὐτὸς δ' ἀπὸ νόσφι τραπίσθαι*, to cast away Leucothea's scarf, and turn his back. Eur. Andr. 294 speaks of flinging an inauspicious thing *ὑπὲρ κεφαλῶν*, [and the superstition prevails widely].

106-110. 'Here is a good sign at last; the ashes flame up suddenly. It must be so: and the dog is barking. Can it be Daphnis? It is; cease, my charms.'

106. The last command is anticipated by a sudden flame in the ashes. Serv. makes Amaryllis the speaker, on account of the words 'dum ferre moror,' [and so Vahlen and Ribbeck in his last edition.] But this would be awkward. We may easily suppose that both enchantress and attendant would join in removing the ashes. The blazing of the fire was a good omen, as its smouldering was a bad one (comp. G. IV 385, 386, Soph. Ant. 1006); and a sudden blaze would naturally be thought an especial token of good. Serv. and Plutarch (life of Cicero, c. xx) relate that this omen happened to Cicero's wife as she was sacrificing to Vesta in the year of Catiline's conspiracy, and that it was interpreted as a sign of honour and glory.

[Serv. takes 'altaria' of the offerings. See v 66.—H. N.]

107. Voss distinguishes 'sponte sua' from 'ipse,' making the latter mean the

nescio quid certe est, et Hylax in limine latrat.
 credimus? an, qui amant, ipsi sibi somnia fingunt?
 parcite, ab urbe venit, iam, carmina, parcite, Daphnis. 110

mere dying cinders; but a pleonasm/ would agree better with Virg.'s general use of 'ipse,' and would here, as elsewhere, be highly forcible in itself.

'Bonum sit' or 'bene sit' was the usual ejaculation. Cic. Div. I 45 (quoted by Emm.) gives a fuller one, 'Majores nostri omnibus rebus agendis quod bonum, faustum, felix, fortunatumque esset praefabantur.'

108. 'Nescio quid certe est' is copied from Catullus, as it is copied by Persius. This shows that the present punctuation is the right one, as against Döring's 'Nescio quid . . . certe est!'

'Hylax' is a natural name for a dog, like 'Hylactor' Ov. M. III 224. The MSS. have 'Hylas,' but on the orthography of proper names their testimony is worth little: see A. III 701. The

barking is in Theocr. II 35, though the connexion there is different.

109. Cerda comp. Publ. Syr. 'Amans quae suspicatur vigilans somniat.' 'Somnia fingere' occurs in Lucr. I 104.

['Qui amant:'] for the metre see the note on E. II 65.]

110. Daphnis is seen, and the charms are bidden to cease; in Theocr. the enchantress is unsuccessful.

'Iam, carmina, parcite' was introduced by Voss from Med. and one cursive for 'iam parcite, carmina,' [which is preferred by Ribbeck, Thilo, and others.] Wagn. defended the old reading by referring to v. 67; but the position of 'tibia' there is evidently meant to answer to its position in v. 21, etc., so that we may argue that 'carmina' should stand here where it has stood in v. 68, etc.

ECLOGA IX. [MOERIS.]

LYCIDAS. MOERIS.

THE historical occasion of this Eclogue has been already noticed in the Introduction to E. 1. According to the traditional account, Virgil, after obtaining a promise of protection, returned to his property, but he found his entrance resisted and his life menaced by an intruding soldier, whose name is variously given as Arrius, Clodius, or Milienus Toro; he then fled, and made a second appeal to the higher authorities, which was crowned with more permanent success. Ruæus conjectures that the present Eclogue was in fact a poetical petition presented to Varus or Octavianus. [It is possible, however, as is argued in an excursus at the end of this Eclogue, that the traditional account is untrue, and that this poem is earlier than the first Eclogue.]

Whatever its exact occasion, it is skilfully contrived to interest the reader in the poet's favour. Moeris, one of the servants, is going to the town, doubtless Mantua, with part of the farm produce, which he is to give to the usurping proprietor, when he is stopped by a neighbour, Lycidas, relates his and his master's troubles, and receives a warm expression of sympathy at a loss which had so nearly fallen on the whole district by the death of their illustrious compatriot. Some of the poet's verses are quoted by way of showing how great that loss would have been, while Virg.'s successful return is hinted at as an event which will produce further poems. There is a compliment to Varus (v. 27), and another to Caesar (v. 46).

The framework is more or less borrowed from the *Θαλύσια* of Theocritus (Idyl VII), the most personal of that poet's works, the first part of which is taken up by an account of a country walk, in the course of which Lycidas, a goatherd and a famous singer, comes up with Simichidas, the representative of Theocritus, and consents to sing with him as they journey along. Some passages in the Eclogue are modelled on passages from other Idyls which are referred to in the notes.

As there are no hills or beeches in the Mantuan territory, which, if any, must be referred to vv. 7 foll., the scenery seems to be imaginary or confused, a conclusion confirmed by v. 57. (See note at the end of the Eclogues, p. 125.)

The correspondence between the specimens quoted from Menalcas' poetry, Lycidas and Moeris first repeating three, then five lines each, is doubtless intentional. See the last paragraph of the Introduction to the Eclogues (pp. 20-21).

The date of the poem is perhaps later than that of Eclogue v (see v. 19), and consequently than those of Eclogues II and III.

L. QUO te, Moeri, pedes? an, quo via ducit, in urbem?

1. 'L. Whither away, Moeris? to the city?' So the Lycidas of Theocr. (see Introd.) asks Σιμιχίδα, πᾶ δὲ τὸ μεσαμῆριον πόδας ἔλας; 'Quo te pedes: ' the ellipse, which is natural in questions of the kind (comp. III 25, 'cantando tu illum,' Madvig, § 479, d), is apparently to be

supplied from 'ducit.' Voss comp. Pliny Ep. VII 5, 'Ad diaetam tuam ipsi me, ut verissime dicitur, pedes ducunt,' from which he infers that the phrase had come to be used for involuntary motion. So Theocr. XIII 50, XIV 42, ἢ πόδες ἄγον, of persons hastening they know or care

- M.* O Lycida, vivi pervenimus, advena nostri,
 quod numquam veriti sumus, ut possessor agelli
 diceret: 'Haec mea sunt; veteres migrate coloni.'
 nunc victi, tristes, quoniam Fors omnia versat, 5
 hos illi—quod nec vertat bene—mittimus haedos.
- L.* Certe equidem audieram, qua se subducere colles
 incipiunt, mollique iugum demittere clivo,
 usque ad aquam et veteres, iam fracta cacumina, fagos

not whither, like Horace's 'I pedes quo te rapiunt et aurae' (Od. III xi 49), 'ire pedes quocunque ferunt' (Epod. XVI 21). In Hom. however (e.g. Il. XVIII 148, τὴν μὲν ἄρ' Οὐλυμπόνδε πόδες φέρον) it is merely a primitive expression for walking or running; and it might be doubted whether it is more here, were it not for Theocr. VII 21. Virg.'s more usual expression is 'ferre (efferre, referre) pedem.' 'Quo via ducit': 'qua te ducit via, dirige gressum,' A 1401.

'Urbem' seemingly Mantua, I 20, 34.
 2-6. *M.* We have lived to be turned out of our farm by an intruder. It is to him I am carrying this present.'

2. 'Vivi pervenimus,' we have lived to see (Serv.); 'vivi' expressing both that they might have expected to die before such an outrage (as Wagn. explains it), and that death would have been a boon.

'Advena,' contemptuous, as A. IV 591, XII 261. The order of the words seems to express the confusion of Moeris, who brings them out in gasps.

3. Wagn. reads 'quo' for 'quod,' from three MSS. (none of Ribbeck's), denying 'pervenimus ut' to be Latin: it is however sufficiently defended by Forb., who contends that 'eo' is implied in the form of the sentence,—a remark which really applies to all cases where 'ut' means 'so that,' though no antecedent like 'sic,' 'adeo,' or 'talis' is expressed. On the other hand, 'quo,' besides its deficiency in external authority, would introduce greater confusion into the order of the sentence than could be excused by Moeris' perturbation of mind. Lachm. on Lucr. VI 324, [Munro on Lucr. I 553, and most editors] accept 'quod.'

['Possessor.' Cf. 'Sullani possessores, Sullanæ possessiones' Cic. Leg. Agr. II 69, 98; III 10; 'bonorum possessor, expulsor, evertor' Pro Quinct. 30; the word had got to be associated with violence.]

4. 'Haec mea sunt:' VII 46. It was the natural language in laying a claim.

5. The emphatic word would seem to be 'fors,' not 'versat'—'since things are regulated by chance, which makes void the rights of property.'

6. ['Nec' = 'non': Munro, Lucr. II 23.] 'Vertat bene' is the order of Med., Pal. originally, and Gud. corrected, preferred by Wagn. on rhythmical grounds to the common 'bene vertat,' which is found in Pal. corrected, Gud. originally, and one other of Ribbeck's MSS. The latter order seems more usual in prose, but the former occurs more than once in Terence.

'Mittimus' is used because Moeris, though carrying the kids himself, speaks for his master, who sends the present.

7-10. *L.* I thought your master's poetry had saved all his property.'

7. 'Certe equidem,' frequently found together. Hand, Tursell. II p. 28.

'Qua—fagos' is connected with 'omnia,' expressing the extent of the property. Though the scenery is imaginary, the specification here seems to show a jealousy on behalf of the strict rights of Menalcas, which, as Voss points out, doubtless represents Virg.'s own feeling.

'Subducere,' draw themselves up from the plain, the slope being regarded from below; in 'iugum demittere' it is regarded from above.

8. 'Molli clivo,' G. III 293. Caes. B. C. II 10, speaks of 'fastigium molle,' as he elsewhere uses 'lene,' like our expression 'a gentle slope.'

9. The old reading, 'veteris iam fracta cacumina fagi' (Pal., Gud. originally, and most of Ribbeck's cursives), is supported by [Quint. VIII vi 46 (who quotes vv. 7-10) and] Pers. V 59, 'Frerit artuculos, veteris ramalia fagi.' The present reading, restored by Heins. (Med. and the margin of Gud.), is neater and more poetical, comp. II 3 note, III 12.

- omnia carminibus vestrum servasse Menalcan. 10
M. Audieras, et fama fuit; set carmina tantum
 nostra valent, Lycida, tela inter Martia, quantum
 Chaonias dicunt aquila veniente columbas.
 quod nisi me quacumque novas incidere lites
 antesinistra cava monuisset ab ilice cornix, 15
 nec tuus hic Moeris, nec viveret ipse Menalca.
L. Heu, cadit in quemquam tantum scelus? heu, tua nobis
 paene simul tecum solacia rapta, Menalca?
 quis caneret Nymphas? quis humum florentibus herbis

10. See *Introd.* 'Vestrum,' because Moeris had spoken in the plural, as for the whole household.

11-16. '*M.* So people believed: but soldiers do not respect poetry: in fact, we were nearly killed.'

11. '*Audieras*' affirmative, not interrogative. Moeris asserts what Lycidas had told him, merely to show that he believes it. 'Yes, so you did, and so the story went.' ['*Set*,' *Pal.*—*H. N.*]

12. '*Nostra*,' speaking for Menalca in particular. *Serv.* quotes *Cic. Pro Milone* 4, 'silent leges inter arma.'

13. '*Chaonias*,' referring to the doves of Dodona—a literary epithet: see I 54. With the language, as Heyne observes, comp. *Lucr.* III 752, 'accipiter fugiens veniente columba;' with the thought comp. *Soph. Aj.* 169.

14. '*Me*.' 'We may suppose that Moeris first observed the prophetic bird, and that he then informed Menalca of what it portended.' Keightley.

'*Incidere ludum*,' *Hor. Ep.* I xiv 36 [and often.] Comp. *Serv.* on v. 1, 'se omnem litem amputaturum interfecto Vergilio.' *Pal.* has 'quocumque.'

15. The appearance of a raven on the left hand seems simply to have constituted the augury a credible one. *Cic. De Div.* I xxxix 85, 'Quid (habet) augur, cur a dextra corvus, a sinistra cornix faciat ratum?' *Plaut. Asin.* II i 12, 'Picus et cornix a laeva, corvus, parra a dextera.' What determined the character of the augury to be favourable or the reverse does not appear. Voss, following *Serv.*, thinks that the unlucky sign here was the hollowness of the oak. Martyn however observes with some justice that the present omen may be regarded as lucky or unlucky, according as we choose to look at

Menalca's escape or the loss of his property. All that we can say is that it was a warning, as in *Hor. Od.* III xxvii 15, 'Teque nec laevus vetet ire picus Nec vaga cornix.'

['*Antesinistra indivise legendum*,' *Serv.*, who interprets 'ab antica ad sinistram partem.'—*H. N.* The word occurs nowhere else. Conington and all other editors read '*ante sinistra*.']

16. '*Hic*,' the speaker himself, like ὅδῃ. 'Tibi erunt parata verba, huic homini verbera.' *Ter. Haut.* II iii 115. *Comp. A.* I 98. So '*hic*' and '*ipse*' are contrasted above III 3.

17-25. '*L.* Was Menalca so near death? Who could write verses like his, such as those of his where he commends his sheep to Tityrus?'

17. '*Cadit*:' 'non cadit . . . in hunc hominem ista suspicio,' *Cic. Pro Sull.* 27, etc. In such expressions '*cadere*' seems to be used in the sense of 'is the lot' or 'part of,' so that '*suspicio cadit in aliquem*' is little more than equivalent to '*cadit aliquis in suspicionem*.' So τυγχάνειν is used indifferently of the thing happening and the person to whom it happens.

18. '*Solacia*' is referred by Voss specifically to the song on Daphnis, which is alluded to in the next verse; but the application is doubtless more general.

19. The allusion is seemingly to v 20, 40, on which latter see the note. The song is that of Mopsus, not that of Menalca; but Menalca is apparently regarded as the poet who rehearses his friend's song as well as his own, just as he there declares himself the poet of *E.* III (v 86, note)—in other words he is *Virg.* For the representation of the poet as actually doing what he only sings of, comp. VI 46, 62.

spargeret, aut viridi fontes induceret umbra ? 20
 vel quae sublegi tacitus tibi carmina nuper,
 cum te ad delicias ferres, Amaryllida, nostras ?
 'Tityre, dum redeo—brevis est via—pasce capellas,
 et potum pastas age, Tityre, et inter agendum
 occursare capro, cornu ferit ille, caveto.' 25

M. Immo haec, quae Varo necdum perfecta canebat :
 'Vare, tuum nomen, superet modo Mantua nobis,
 Mantua, vae, miseræ nimium vicina Cremonae,
 cantantes sublime ferent ad sidera cœni.'

21. 'Or (who would sing) the songs I lately stole from you?' 'Tibi' is evidently Menalcas, who is going to visit Amaryllis, like the *κωμοσθης* in Theocr. Id. III, and like him, *ib.* vv. 3 foll., asks Tityrus to take care of his goats till he comes back. Lycidas hears him singing on the way, and catches the words and the air. Vv. 23-25 are a close version of Theocr. l. c., so that Virg. must be understood as indirectly praising himself not only as the rustic poet who sings to his friend and to his love, but as the Roman Theocritus. See *Intr.* to the Eclogues, p. 13.

[*'Nam quae' Non.* 332.]

22. 'Nostras' does not imply that there was any rivalry between Lycidas and Menalcas, but merely that Amaryllis was such 'that the swains desired her.' [*'Te ferres,'* boasting.—H. N.]

23. 'Dum redeo,' 'while I am on my way back.' In strictness we should expect 'dum absum;' but the speaker, in asking to be waited for, naturally talks of himself as coming back. [But 'dum' with the present ind. = 'until' is common in early Latin (*Holtz Syntax* ii p. 130), and occurs in Cic., Ovid, etc.: see Munro *Lucr.* 1 949, *Dräger* ii p. 610. The use is part of a widespread use of present for fut., see *Roby* § 1461, *Madvig* 339, examples in *Dräger* i p. 287.]

In Theocr. there is nothing answering to 'dum redeo' or 'brevis est via,' though the former is implied in the context.

24. 'Inter agendum:' *Serv.* cites 'inter loquendum' from Afranius, and 'inter ponendum' from Ennius. [See *Quint.* i iii 12, 'inter ludendum,' etc., and so *G.* III 206, 'ante domandum;'
Dräger ii p. 852, *Roby* § 1378.]

26-29. '*M.* Yes, or the verses he wrote to Varus, about sparing Mantua.'

26. Moeris quotes another triplet of Menalcas, apparently with a preference, and adds that the poem is not yet finished, so as to show the loss which lovers of song would have suffered in the poet's death. There is some skill in the intimation of the preference, which implies not only a compliment to Varus (*E.* VI), but a recommendation of Virg.'s own interests.

'Necdum' is not simply for 'nondum,' as *Voss* thinks. 'Nec' has the force of 'and that not,' or 'not either,' and lays stress on the unfinished state of the poem.

Pal. originally had 'canebam.'

27. 'Superet' = 'supersit:' *G.* II 235. *Serv.* (on v. 10) says Virg. interceded for the Mantuan district as well as for his own lands, and obtained the restitution of part.

28. 'Nimium vicina,' though they were forty miles apart. *Serv.* (on v. 7) says that Octavius Musa, who had been appointed to fix the boundaries, found the territory of Cremona insufficient for the soldiers, and assigned to them fifteen miles' length of that of Mantua, in revenge for an old affront. He adds (on v. 10) that Alfenus Varus exceeded his instructions in the extent of territory which he took from the Mantuans, and left them only the swampy ground, a proceeding with which he was taxed in a speech by a certain Cornelius.

29. The same promise is made to Varus which we have had VI 10, though the image is varied. Mantua was celebrated for its swans, *G.* II 199, and the music of swans was a commonplace with the ancients, so that the song of the swans aptly represents Virg.'s gratitude, at the same time making it contingent on the preservation of his lands. Pal. corr. and Gud. have 'ferant.'

L. Sic tua Cyrneas fugiant examina taxos, 30
 sic cytiso pastae distendant ubera vaccae,
 incipe, si quid habes. et me fecere poetam
 Pierides; sunt et mihi carmina; me quoque dicunt
 vatem pastores; sed non ego credulus illis.
 nam neque adhuc Vario videor, nec dicere Cinna 35
 digna, set argutos inter strepere anser olores.

30-36. 'L. As you hope for a farmer's blessings, let me hear more of such verses. I am something of a poet myself, though the shepherds overrate me.'

30. 'Sic' in adjurations, x 5. 'May your bees (I 55, VII 13) continue to give good honey.' The use is virtually the same as that of 'sic' or 'ita' in protestations, when it is frequently, though not always, followed by 'ut.' 'Sic has deus aequoris artis Adiuvet, ut nemo iam dudum litore in isto . . . Constitit,' Ov. M. VIII 867. Thus the Greek *ὄντως* and our 'so.'

['Cyrneas' Med. originally, Serv., the Berne Scholia, and Isid. XIV vi 42: 'Grynaeas,' Med. corrected, Pal., Gud., and the lemma of the Berne Schol.—H. N.] There seems no authority for representing Corsica (called Cynus by the Greeks; see Dict. Geogr.) as famous for yews, which is assumed by several of the commentators. But the honey of Corsica, though known historically as one of its articles of produce, was, like that of Sardinia (VII 41), proverbially bitter (Ov. Am. I xii 20, 'mel infame'), and, as 'the baleful yew' (G. II 257) was prejudicial to bees (G. IV 47), Virg. seems, as Martyn observes, to have thought himself at liberty to connect the two. So Ov. l. c. affects to suppose that the Corsican honey must be collected from hemlock-flowers.

31. 'Cytiso,' I 79, G. III 394 foll., where it is given to goats, as here to cows, to increase their milk.

32. 'Si quid habes,' III 52, note. The remainder of Lycidas' speech is from Theocr. VII 37 foll.

'Poetam,' not 'vatem.' It can hardly be doubted that Virg. means to distinguish between 'poeta' and 'vates,' Lycidas asserting himself to be 'poeta,' while he does not claim the honours of the 'vates.' What the precise distinction is, cannot easily be determined from the usage of words either in Virg. (who scarcely uses

'poeta' except in the Eclogues) or in other writers; but we may perhaps infer from the other sense of 'vates' that it would naturally denote a bard in his inspired character, and its transference to other acts, 'medicinae vates,' Pliny XI 219, 'legum vates,' Val. Max. VIII xii 1 (quoted by Martyn), shows that it suggested the notion of eminence. In Theocr. l. c. the shepherd says that he is the shrill mouth of the Muses, and that all call him the best singer. ['Set' Pal.—H. N.]

35. 'Varo' Med. and some of Ribbeck's cursives; but 'Vario' is supported by Pal., Serv., and Cruquius' Schol. on Hor. Od. I vi, and required by the context, as the mention of Cinna and the parallel in Theocr. l. c., where Asclepiades and Philetas are spoken of, show that two poets are here intended. 'Varo' is easily to be accounted for from vv. 26, 27.

[Varius is the celebrated poet of epic and tragedy: C. Helvius Cinna, a friend of Catullus, was chiefly known for his 'Smyrna,' a learned poem in the Alexandrian manner, on which he was engaged nine years (Catullus, XCIII); a fact to which Horace was supposed to have alluded in his 'nonumque prematur in annum' (A. P. 388). Philargyrius on this place.—H. N.]

36. 'Argutos—olores,' an expression of the same class as those referred to on VIII 55, though the allusion here seemingly is not to a contest between geese and swans, but to geese spoiling the melody of swans' songs by their cackling.

'Anser,' Serv. tells us, is a punning reference to a contemporary poet of that name. He is mentioned by Ov. Trist. II 435 along with Cinna, and by Cic. Phil. XIII 5 as a friend of Antony, and probably, like Bavius and Maevius, was personally obnoxious to Virg., as would appear from an obscure passage in Prop. III xxxii (II xxxiv) 83, 84.

['Set' Med.—H. N.]

M. Id quidem ago et tacitus, Lycida, mecum ipse volutò,
si valeam meminisse; neque est ignobile carmen.

‘Huc ades, o Galatea; quis est nam ludus in undis?’
hic ver purpureum, varios hic flumina circum 40
fundit humus flores, hic candida populus antro
imminet, et lentae texunt umbracula vites;
huc ades; insani feriant sine litora fluctus.’

L. Quid, quae te pura solum sub nocte canentem
audieram? numeros memini, si verba tenerem. 45

M. ‘Daphni, quid antiquos signorum suspicis ortus?’

37-43. ‘*M.* I am trying to recollect. Here are some lines in which he asks Galatea to leave the sea, and come on shore and enjoy the glories of spring.’

37. ‘Id agere’ is a common phrase for being busy about an object, as in the well-known expression ‘hoc age,’ the same sense doubtless which appears in the common use of the imperative ‘age,’ though in the Greek *ἀγε*, from which it obviously comes, the notion must be that of leading or going along with.

38. ‘Si valeam,’ in the hope that, like ‘si forte,’ VI 57, A. II 756.

‘Neque’ here gives the reason why he is trying to recollect the verses, like ‘et’ A. XI 901.

39. Condensed from Theocr. XI 42 foll. Galatea is addressed as in VII 37.

For the interposition of a word between ‘quis’ and ‘nam’ see on G. IV 445.

‘Ludus in undis:’ comp. Theocr. XI 62, ὡς κεν ἰδῶ τί ποχ’ ἀδὸ κατοικῆν τὸν βυθὸν ἤμμιν.

40. ‘Purpureum,’ v 38 note; red may be meant as the prominent colour of blooming flowers, like ‘vere rubenti,’ G. II 319. Theocr. XVIII 27 has λευκὸν ἔαρ. [‘Sunny.’—H. N.]

41. ‘Candida populus’ (‘alba’ Hor. Od. II iii 9), *λέυκη* being the Greek name.

‘Antro’ carries us back to Polyphemus and his cave in Theocr. XI 44.

42. Pal. originally had ‘e’ for ‘et,’ whence Ribbeck gratuitously reads ‘en.’

Whether the vine grows over the cave, as in v 6, or forms a bower of itself, is not clear. ‘Umbracula:’ ‘prope aream faciundum umbracula, quo succedant homines in aestu tempore meridiano,’ Varro, R. R. I 51.

43. ‘Insani,’ ‘the wild waves’ play’ on

the shore, is contrasted with the quiet beauty of the land, that Galatea may give the latter the preference. [Bentley on Lucan II 673 suggests ‘incani’ here and ‘incanis’ for Ovid’s ‘obrutus insanis esset adulter aquis,’ Her. I 6.]

44, 45. ‘*L.* What of that song of his I heard you singing to yourself the other night?’

44. ‘Quid, quae,’ like the common phrase ‘quid, quod.’ ‘What do you say to those verses?’ [introducing a new topic].

‘Pura sub nocte:’ comp. G. II 364 note. The clearness of the night is doubtless mentioned because Moeris sang in the open air; there may be also a reference to the clear sky as a medium for sound. Forb. well comp. Lucr. I 142, ‘inducit noctes vigilare serenas.’

45. ‘I remember the tune, if I only had the words.’ [‘Numeri’ is explained by Quint. IX iv 54, and Serv. on A. VI 645 as = ‘rhythmi, soni,’ and here as = ‘metra vel rhythmos.’ It seems to mean the air and the rhythm, which would probably, in ancient music, be inseparably connected.—H. N.]

In the construction ‘memini—si tenerem,’ the conditional clause is not logically connected with the other, but with something understood, e.g. it might be ‘numeros memini, et carmen ipsum revocarem, si verba tenerem.’ We may compare the use of ‘si’ to express a wish.

46-55. ‘*M.* The Julian is the star of stars: it will tell us when to sow, plant, and graft. Memory fails me, memory, that was once so good, and voice too: but Menalcas will gratify you himself.’

46. Ribbeck, following Med. and Gud., continues vv. 46-50 to Lycidas, who is supposed to recollect what he was trying vainly to recover. But the ordinary

ecce Dionaei processit Caesaris astrum,
 astrum, quo segetes gauderent frugibus, et quo
 duceret apricis in collibus uva colorem.
 insere, Daphni, piros; carpent tua poma nepotes.' 50
 omnia fert aetas, animum quoque; saepe ego longos
 cantando puerum memini me condere soles:
 nunc oblita mihi tot carmina; vox quoque Moerim
 iam fugit ipsa; lupi Moerim videre priores.

arrangement is supported by Pal. and others [as well as by Serv.], and suits the context: it is plain that vv. 51 foll. would not have much meaning except on the supposition that Moeris had repeated part of what Lycidas had asked for, and was lamenting that he could not recall more.

Daphnis is addressed as the representative of the shepherds, who watch the stars for agricultural purposes (G. I 204 foll., 257, 258). 'Antiquos' is transferred from 'signorum' to 'ortus.'

47. A comet appeared while Octavian was giving games in honour of Julius in July, 44, and was supposed to signify the dictator's apotheosis (Suet. Caes. 88, Serv. here and A. VIII 861, Plin. N. H. II 93). Comp. Hor. Od. I xii 47, 'micat inter omnis Iulium sidus.'

'Dionaei' as the descendant of Venus, who is called 'Dionaea mater,' A. III 19. 'Processit,' of the rising of a star, VI 86.

48. The Julian star is to be the farmer's star, as Julius in V 79 is the farmer's god, and Octavian also (G. I 24 foll.).

'Quo' denotes the agency, not, as in 'quo sidere,' G. I 1, the time. The rising of the star might naturally be the signal for harvest and vintage (G. I 253): but Virg. evidently expresses himself here as if the stars not only formed the shepherd's calendar, but actually foretold or created agricultural prosperity. Keightley suggests that the summer of 44, when the comet appeared, would naturally have been hot and dry; and we may be reminded of our own belief in the effect of comets upon the vintage.

'Segetes,' of fields, as in G. I 47.

['Gauderent,' ought to be rejoicing. Comp. A. VI 534.—H. N. See p. 114.]

49. 'Duceret—colorem:' 'varius solet uva racemis Ducere purpureum nondum matura colorem,' Ov. M. III 484, 'Uvaeque conspecta livorem ducit ab uva,' Juv. II 81.

50. 'Poma' are the fruit which are to grow on the pear-tree.

'Insere piros,' I 74. The meaning is not merely that the trees shall bear for more than one generation, but that the farmer's posterity shall enjoy the property of their progenitor. Serv. says 'Hoc in gratiam Augusti, per cuius beneficium securus de agris suis est. . . Ac si diceret, Nihil est quod supra invidiose aiebat [I 74], Insere nunc, Meliboee, piros.' Palladius (VIII 3, IX 6) says that pears may be grafted in August, or, if the soil is moist (which is the case near Mantua), in July.

51. 'Fert,' as in V 34. Emm. comp. Plato's verses, *αἰὼν πάντα φέρει δολιχὸς χρόνος οἶδεν ἀμείβειν ὄνομα καὶ μορφήν καὶ φύσιν ἠδὲ τύχην*.

'Animum:' 'in animo esse' = recollect (Ter. And. I v 47), 'ex animo effluere' = forget (Cic. de Or. II 74); hence probably 'animus' comes to be used for the memory, like 'mens' in Cic. Brut. 61, 'huic ex tempore dicenti effluit mens.' Comp. the old English 'to bear a brain' for 'to remember.'

52. 'Condere,' to bury, i.e. to see go down: Callim. Ep. II 3, *ἥλιον ἐν λείσχη κατεδόσαμεν*, Lucr. III 1090, 'vivendo condere saecula,' [though Munro there takes 'condere' in the sense of 'condere lustrum.']. So Hor. Od. IV v 29, 'Condit quisque diem collibus in suis.'

53. 'Oblita,' passive; a rare use, followed by Val. Fl. I 792, II 388 [etc.]; Prop. I xix 6, 'ut meus oblito pulvis amore vacet'; Ausonius Id. IV 52, copying this line (Neue-Wagener, Formenlehre, III 70). The use appears to be purely literary.]

54. A man meeting a wolf and not catching its eye first was supposed to be struck dumb. Pliny, VIII 80, speaks of it as an Italian belief: it is also alluded to by Plato, Rep. I, p. 336, where So-

sed tamen ista satis referet tibi saepe Menalcas. 55
 L. Causando nostros in longum ducis amores.
 et nunc omne tibi stratum silet aequor, et omnes,
 aspice, ventosi ceciderunt murmuris aurae;
 hinc adeo media est nobis via; namque sepulchrum
 incipit apparere Bianoris: hic, ubi densas 60
 agricolae stringunt frondes, hic, Moeri, canamus;
 hic haedos depone, tamen veniemus in urbem.
 aut si, nox pluviam ne colligat ante, veremur,
 cantantes licet usque—minus via laedit—eamus;
 cantantes ut eamus, ego hoc te fasce levabo. 65

crates congratulates himself on having first caught sight of Thrasymachus. In Theocr. XIV 22 *οὐ φθελῆξ*; *λύκων εἶδες*, the effect seems to be attributed to meeting a wolf under any circumstances.

'Priores,' like 'prior inquit,' A. I 321. ['Moerin' Pal.; 'Moerem' Med.—H. N.]

55. 'Ordo est, satis saepe.' Serv. ['Set' Pal. originally.—H. N.]

56-65. 'L. Do not put me off—there is perfect stillness about us, and we are half-way to the town: we can afford to stop: or if you want to get on, we can sing as we walk.'

56. Comp. Lucr. I 398, 'quamvis causando multa moreris.' 'Amores' for 'studium' or 'cupido.' 'Si tantus amor casus cognoscere nostros,' A. II 10.

57. Apparently imitated from Theocr. II 38, *ἠνίδε, σιγῇ μὲν πόντος, σιγῶντι δ' ἀῆται*, so that 'aequor' seems to be the sea, the scenery being taken from Sicily. Neither the context nor the language of the line itself suits the swamp of the Mincio. 'Tibi,' for your purpose, so that you may sing.

58. 'Ventosi murmuris' is apparently equivalent to 'venti murmurantis,' with which 'aurae' is naturally connected, like 'Zephyri tepentibus auris,' G. II 330, quoted by Voss. Virg. probably intended a variation on the more natural expression, 'ventosae murmura aurae.' This seems better than with Heyne to make 'murmuris,' the attributive genitive, like 'veneni,' IV 24.

'Cadere,' of winds, G. I 354.

59. 'Adeo' throws stress on 'hinc' (see on IV 11), or on 'media.' The line is from Theocr. VII 10, *κοῦπω τὰν μεσάταν ὁδὸν ἀννυες, οὐδὲ τὸ σάμα Ἀμῖν τὸ Βρασιλα καταφαίνεται*.

60. Bianor, according to Serv., was the same as Ocnus, founder of Mantua (A. x 199). He is called by Cato in his *Origines* Ocnus Bianorus.

61. 'Stringere' of the 'frondatio,' or stripping of leaves, which were used for fodder, G. I 305, II 368, Hor. Ep. I xiv 28. 'Oleam ubi nigra erit stringito,' Cato, R. R. 65. Col. XI 2, § 65 (referred to by Keightley) says that the 'frondatio' should be done 'antelucanis et vespertinis temporibus.'

'Canamus:' they were to sing alternately, as in Theocr. VII.

62. 'Tamen,' after all, notwithstanding. 'Tamen cantabitis,' x 31 (note). Keightley thinks the expression strange, as they were within a mile and a half of Mantua: but it seems to be a playful anticipation of an objection from Moeris. ['Aedos' Pal., and Ribbeck formerly.—H. N.]

63. The night is said to gather the rain, because the gathering of the clouds precludes rain. Comp. G. III 327, 'ubi quarta sitim caeli collegerit hora.'

['Veremur:' Pal. originally had 'meremus.'—H. N.]

64. From Theocr. VII 35. 'Usque' with 'eamus,' let us go straight on. 'Iuvat usque morari,' A. VI 487.

Heins. read 'laedat,' found in one [bad] MS., the first Mentelian, but in none of Ribbeck's. Gud. corrected and two other of Ribbeck's cursives have 'laedet.' Wagn. rightly prefers 'laedit,' the reading of Med., Pal., etc. The sense seems to be 'cantantis via minus laedere solet.' Comp. x 36; 'Surgamus: solet est gravis cantantibus umbra.'

65. 'Fascis,' of a burden generally, as G. III 347 of a soldier's baggage, G. IV

*M. Desine plura, puer, et, quod nunc instat, agamus ;
carmina tum melius, cum venerit ipse, canemus.*

204 of the food brought home by the bees: here of the kids, which may have been carried in some sort of bundle. Comp. Moretum v. 80, 'venalis holerum fascies portabat,' of things taken to market.

66, 67. '*M.* Best think only of our present business, and leave singing till we see Menalcas again.'

66. '*Desine plura, puer,*' v 19. '*In-*

stat,' reminding Lycidas that the business admits of no delay, not even of singing or talking as they walk along. Some varieties in Ribbeck's MSS. seem to show that there was once a reading, '*nunc, quod nunc instat.*'

67. '*Ipse,*' Menalcas, designated either as Moeris' master (III 3 note), or, in relation to the songs, as their author.

EXCURSUS ON THE RELATION OF THE FIRST TO THE NINTH ECLOGUE.

[THE first Eclogue represents Virgil as restored to the possession of his estate, while the ninth complains of his violent expulsion from it. This fact was explained by Servius, and is still explained, I think, by modern critics, by the hypothesis that after the poet had been restored by Octavian he was again expelled, and afterwards, at some time not specified, again reinstated.

But it may be doubted whether this notion of a double ejection rests on sufficient evidence. The two poems in question lend no real support to it, but, if anything, rather the reverse. The ninth Eclogue represents Virgil as saying that a misfortune had come upon him of which he had never had any apprehension, '*quod numquam veriti sumus ;*' strange language, surely, had he been ejected only a few months before. The poem proceeds: '*I had heard that Menalcas' poetry had proved the salvation of his estate, 'omnia carminibus vestrum servasse Menalcan.*' '*Yes, and it was a mere rumour, for the din of arms has silenced poetry.*' These words do not necessarily, I think, imply more than that Virgil had hoped at one time to retain his farm, but that it had after all been taken away. It is indeed quite likely that when the first order came for the confiscation of the Mantuan territory, Virgil made interest with Pollio for at least the temporary preservation of it, and that thus arose the rumour alluded to. But if Virgil had really gone to Rome before the ninth Eclogue was written, and returned with an order from Octavian for the restoration of his estate, is it conceivable that he should have made no mention in the poem of so important a fact? But what does he say of Octavian? Only this:

*' ecce Dionaei processit Caesaris astrum,
astrum, quo segetes gauderent frugibus,'*

'the star of Caesar has arisen, under which the fields *ought to be rejoicing* in their fruits'; for I do not know what other meaning the words can bear. It is his complaint in the fifth Eclogue and in the first Georgic that the overthrow of Julius Caesar's authority has ruined agriculture, and in the same spirit he expresses a faint hope (and no more) in the ninth Eclogue that the star of Caesar may again bless the country.

The life of Virgil by Suetonius makes no mention of a double ejection.¹ And the commentary attributed to Probus, which (in this part of it) seems to be based on the

¹ § 19. Ad Bucolica transiit, maxime ut Asinium Pollionem, Alfenum Varum, et Cornelium Gallum celebraret, quia in distributione agrorum qui post Philippensem victoriam veteranis dividebantur indemnem se praestitissent.

same sources as the biography by Suetonius, informs us that Virgil had his estate restored on being introduced to Octavian by Cornelius Gallus; that the veterans were so irritated at this that the poet was nearly killed by a *primipilaris* Milienius Toro; that the Eclogues were not published in the order in which they were written, for the ninth, a complaint of injury, ought to be placed before the first, which is an expression of gratitude for the redress of the injury. Thus Probus, or the compiler of the commentary attributed to him, regarded the first Eclogue as referring to the final restoration of Virgil to his estate, subsequent to the act of violence of which complaint is made in the ninth.

But Servius, in his introduction to the Eclogues (Thilo p. 3), says, in explaining the relation of the ninth Eclogue to the first, that, after the first Eclogue was written, Virgil went back to his estate, was then almost killed (not by Milienius Toro but) by a centurion Arrius, saved himself by leaping into the Mincio, and afterwards had his estate again restored by Octavian. Servius places the ninth Eclogue after the first, and so do 'others' (*alii*) whom he quotes, who however give quite a different account of the transaction. According to them Virgil, after obtaining *immunitas agrorum* from Octavian, fell into a dispute with a neighbour about his boundaries; a man named Clodius threatened to kill him, and pursued him with a drawn sword, but Virgil escaped into a charcoal-burner's shop. (Serv. on E. IX 1.)

I doubt whether it is worth while attempting, as Ribbeck does in his Prolegomena, to weave these different accounts into a consistent whole. It is clear that, as is natural in such a case, different versions of the transaction must have existed in the time of Servius, and very probably much earlier. The main question, however, is, what does the best evidence, that of the Eclogues themselves, warrant us in inferring? The commentators were evidently somewhat puzzled by the fact of the ninth Eclogue coming after the first. The difficulty is noticed by Probus, who accounts for it in a rational way; but I suspect that Servius and the authorities whom he quotes were misled by the order in which the Eclogues stand, and arranged the facts so as to put the ninth chronologically subsequent to the first. I believe that Probus (if it be Probus) was right in supposing the ninth to have been the earliest, and the first to refer to the final restoration of Virgil's estate. This supposition is not contradicted by the mention of Varus in the ninth Eclogue, supposing him, as we must suppose, to be the Alfenus Varus who had succeeded Pollio in Cisalpine Gaul. For Suetonius expressly says that it was this Varus, with Asinius Pollio and Gallus, whose influence secured to Virgil the possession of his estate. In other words, the entreaties addressed to Varus in the ninth Eclogue were successful, Varus not caring to pursue his political differences with Pollio so far as to injure Pollio's friend.

I doubt then whether the evidence afforded by the Eclogues themselves and by the biography of Suetonius (and the other evidence we have seen to be confused and inconsistent) warrants our assuming more than this: that Virgil was ejected with violence and at the peril of his life from his farm, after having been under the impression that he was to keep it; that in his trouble he was assisted by Maecenas (Suetonius, § 20); that he addressed Alfenus Varus on the subject in the ninth Eclogue, and probably also in plain prose; that he then went to Rome, where, backed by the influence of Pollio, Varus, and Gallus (to whom the eighth, ninth, and tenth Eclogues are respectively dedicated), he obtained from Octavian the restoration of his estate.—H. N.]

ECLOGA X. [GALLUS.]

IF the claims of friendship were but scantily acknowledged in the sixth and eighth Eclogues, they are abundantly satisfied in the present, which is entirely devoted to Gallus. Like Varus, Cornelius Gallus is said by Servius (E. VI 13) to have been Virgil's early associate and fellow-student under Siron. He is said by the same authority to have been appointed by the Triumvirs to collect money from those transpadane towns whose lands were to be spared; and it is conjectured that he may have been the Cornelius who, according to Serv., attacked Alfenus Varus in a speech for his division of Mantuan territory as unfair to the inhabitants. Either of these grounds would be sufficient to account for Virgil's connexion with him, even if the story of their previous intimacy should be deemed untrustworthy. Besides, he had been already admitted to Pollio's friendship (Cic. Fam. x 32, B.C. 43), and so might easily win the regard of Pollio's protégé. His further life need not be noticed here; all we have to do with is the fact that, as this Eclogue shows, at the time of its composition he had become known as a poet and a lover, having written elegies (four books, Serv. says), chiefly addressed to his mistress Lycoris, like Propertius' to Cynthia, and Tibullus' to Delia, and had translated some of the poems of Euphorion (note on v. 50). Lycoris is identified by Serv. with Volumnia Cytheris, a freedwoman of Volumnius Eutrapelus, and at one time mistress of M. Antonius, whom the same account represents as the rival mentioned v. 23 (see note). These elegies are repeatedly mentioned by Ovid, who appears to have regarded them with high admiration, and once, in an obscure passage (III xxvi 91, 92) by Propertius. Only one pentameter survives, preserved by Vibius Sequester.

Here, as in E. I, the identification of the shepherd and poet is so rudely managed as to amount to absolute confusion. The subject of the Eclogue is the hopeless and absorbing passion of Gallus: Gallus, if not a pastoral poet himself, is the friend of a pastoral poet, and so one of the pastoral company: accordingly he is represented as being at one and the same moment a soldier and a shepherd, serving in the camp in Italy, and lying under a rock in Arcadia with wood-gods to comfort him. As before, the naked simplicity of the explanation has caused it to be missed: Gallus has been supposed to have gone on furlough into Arcadia, while others, who could not reconcile the language of v. 44 with his being in Arcadia at all, have changed the text.

The structure of the poem is taken from the latter part of Theocr. Idyl 1, the dying Daphnis supplying the model for Gallus, whose despair however does not bring him to death. Virgil is supposed to narrate the story in a song as he is tending his goats, and in rising to go home for the evening he gracefully intimates that he is closing the volume of pastoral poetry.

The time is commonly thought, [though Ribbeck and Thilo would date the poem earlier,] to be fixed by vv. 23, 46 foll., and by general considerations regarding the date of the Eclogues, to the end of 38 B.C. or the beginning of 37, when Agrippa was fighting in Gaul and along the Rhine. Gallus' rival is supposed to have joined Agrippa, while Gallus himself was engaged in some other service, perhaps in Italy under Octavian, acting against Sex. Pompeius. Vv. 20, 23, 47 seem to point to winter or early spring. The scenery seems to be Arcadian throughout, at least in the narrative part of the Eclogue.

EXTREMUM hunc, Arethusa, mihi concede laborem :
 pauca meo Gallo, set quae legat ipsa Lycoris,
 carmina sunt dicenda : neget quis carmina Gallo?
 sic tibi, cum fluctus subterlabere Sicanos,
 Doris amara suam non intermisceat undam,
 incipe : sollicitos Galli dicamus amores,
 dum tenera attondent simae virgulta capellae.
 non canimus surdis ; respondent omnia silvae.
 Quae nemora, aut qui vos saltus habuere, puellae

1-8. 'My last pastoral strain is in honour of Gallus : I sing of his love with my goats about me in the wood.'

1. 'Arethusa' was conventionally the pastoral fountain, Mosch. III 78, and as such apparently is invoked by the dying Daphnis, Theocr. I 117. She is here addressed as a Muse might be, like the 'Nymphæe Libethrides,' VII 21.

'Concede laborem,' like 'carmen concede,' VII 22. 'Laborem' as in G. II 39. He asks to be allowed to elaborate one song more. Pal. originally had 'laborum,' which Ribbeck arbitrarily adopts.

2. Wagn., followed by Forb., connects this line with the preceding, placing a period at 'Lycoris.' This change seems plainly for the worse, as 'meo Gallo' would come awkwardly after 'mihi,' while 'pauca' evidently refers to 'carmina.'

'Set quae' is the antithesis to 'pauca,' though few, they must be such as may attract even her scornful eye. ['Set' Med. Pal.—H. N.]

4. 'Sic' followed by 'incipe,' as in IX 30-32.

The legend of the union between Arethusa and Alpheus recurs A. III 694 foll., and is the subject of what remains of Moschus' eighth Idyl, vv. 4, 5 of which Virg. seems to have imitated: *καὶ βαθὺς ἔμβαίνει τοῖς κύμασι, τὴν δὲ θάλασσαν Νέβην ὑποτροχάει, καὶ μύρνυται ἕδασιν ἕδωρ.* Alpheus in the legend is the pursuing lover; here Virg. apparently contemplates them as reconciled, and passing to and fro to visit each other, and prays Arethusa to assist his tale of love, if she would have the course of her own love run smooth.

5. 'Doris,' wife of Nereus and mother of the Nereids (Hes. Theog. 240), is here put for the sea, perhaps, as Heyne suggests, after some Alexandrian poet, like Amphitrite, the wife of Neptune, Hom.

Od. XII 60, 97 (referred to by Voss), Thetis, E. IV 32. 'Amara' = 'salsa,' with which it is coupled G. II 238.

6. 'Sollicitus' is an epithet of love here and in Ov. Her. XVIII 196, of a lover Hor. Od. III vii 9; so 'cura' is a common synonym of 'amor.'

7. 'Simae capellae,' *σῖμαι ἐρίφοι*, Theocr. VIII 50. 'Virgulta,' note on G. II 2. The goats browse while the goatherd sings, as in V 12.

8. 'Non canimus surdis,' like 'non iniussa cano,' VI 9. 'We are not singing to deaf ears.' There is an allusion, as Emm. remarks, to the proverbial 'surdo canere,' or 'surdo narrare fabulam,' Livy XL 8, Ter. Haut. II i 10, Hor. Ep. II i 200.

'Respondere' takes an acc. of the answer made. Here it has the wider sense of 'reddere' or 'referre,' to repeat or give back. Comp. Ov. M. XI 52, 'flebile lingua Murmurat exanimis: respondent flebile ripae,' and for the general sense 'resonare doces Amaryllida silvas,' I 5.

9-30. 'Why were not the nymphs present when their favourite lay dying? All nature mourned for him: his sheep grieved for their master: the swains came to visit him: Apollo was there, and Silvanus and Pan, bidding him leave brooding to no end over blighted hopes.'

9. This and the three following lines are from Theocr. I 66 foll., where the nymphs are naturally mentioned in connexion with Daphnis, who, according to Id. VII 92, was married to a Naiad. Here, as in v. 1, they seemed to play the part of the Muses, and are consequently associated with Parnassus, Pindus, and Aganippe. This connects them not only with Gallus, but with Virg., who had just addressed Arethusa, and at the end of his song, v. 70, turns to them again.

Naidēs, ^{amores} indigno cum Gallus ^{love} amore ^{peribat} peribat? 10
 nam neque Parnasi vobis iūga, nam neque Pindi
 ulla moram fecere, neque Aoniae Aganippe.
 illum etiam lauri, etiam flevēre myricāe;
 pinifer^{us} illum etiam sola sub rupe iacentem
 Mænalus et gelidi flevērunt saxa Lycaeī. 15
 stant et oves circum;—nostri nec paenitet illas,
 nec te paeniteat pecoris, divine poeta:
 et formosus ovis ad flumina pavit Adonis—
 venit et upilio; tardi venere subulci;

10. 'Peribat' Pal., Rom. (which here resumes after the lacuna), Med. corr., etc.; 'periret' Med., Gud. corr., and other cursives. External evidence justifies Wagn. in reading 'peribat'; intrinsically either might stand. See Madv. § 358.

'Indigno amore,' VIII 18, note.

11. The two mountains are mentioned, as Heyne observes, with a reference to the springs belonging to each.

12. 'Ulla' = 'ullo modo' [so 'nullus,' 'totus,' 'omnis' in such usages as 'is nullus venit' (Plaut. As. II iv 2), 'cum rogaberis nulla' (Cato. R. VIII 14); see Munro Lucr. I 377, II 53.]

'Moram fecere': 'fieret vento mora ne qua ferenti,' A. III 473.

'Aoniae' Pal., some cursives, and Serv.; 'Aoniae' Med., Rom., Gud., Charisius and all other grammarians, who however read 'Aganippae' also. Ribbeck accepts 'Aoniae:' but it is more likely that the Greek nominative was misunderstood by copyists; it is the natural form in a metrical licence like this, intended as imitation of the Greek. So Sil. XIV 515, 'Ortygie Arethusa,' which Heins. restored 'ex scriptis' for 'Ortygiae Arethusa.'

13. From Theocr. I 71, 72, where however the mourners are wolves, jackals, and lions, as in E. v 26. The neglect of the nymphs is contrasted with the sorrow of the trees and shrubs, which were vocal as echoing to Gallus' lament, the bays being introduced as in VI 83, the tamarisks as in VI 10. Such an explanation of the image was evidently in Virg.'s mind (comp. v 62 note, VIII 22 note), but he does not put it forward prominently, as it would interfere with the effect of the rest of the passage, where actual mourners are introduced.

There are some variations in the reading of the line. Rom. substitutes a second 'illum' for the second 'etiam,' which in Gud. is written over an erasure; another of Ribbeck's cursives reads 'illum' with 'etiam' written over it, apparently as an insertion, not as a correction; and 'illum etiam' is found in the Lombard and a few other MSS., and was the old reading before Heins. [Probably the hiatus puzzled the copyists.] Both language and rhythm plead for the text as now received.

14. Comp. VIII 22. 'Sola sub rupe;' so Orpheus (G. IV 508, 509) 'rupe sub aëria deserti ad Strymonis undam Flëvisse, et gelidis haec evolvisse sub antris.'

15. 'Lycaeī,' G. I 16.

16. 'Nostri,' of us shepherds. The sheep do not regret their connexion with us, and the best of us need not regret his with them.

17. 'Nec te paeniteat,' II 34 note. Gallus is addressed as if he had been a shepherd, and so doubtless Virg. chooses to regard him: but the language here seems intended to meet an objection that the connexion might disgrace him, so that the sense, stripped of metaphor, will be 'do not regret or think scorn of your association with pastoral poetry.' [Ribbeck chooses to bracket the line.]

'Divine poeta,' v 45, also of a shepherd.

18. From Theocr. I 109, XX 33, where however the connexion is quite different. The thought here is like E. II 60. ['Formosus,' the best MSS.—H. N.]

19. ['Upilio' is usually connected with 'opilio,' a shepherd (Plaut. As. III i 36, Cato R. R. 10). The scansion of the two words, however, differs: 'opilio' has *i* in Pl., and Serv. assigns it initial *o*: 'propter metrum ait, sicut *ὄνομα* pro *δνομα*.' No satisfactory explanation of the two forms

uvidus hiberna venit de glande Menalcas. 20
 omnes 'Unde amor iste, rogant, tibi?' venit Apollo:
 'Galle, quid insanis?' inquit; 'tua cura Lycoris
 perque nives alium perque horrida castra secuta est.'
 venit et agresti capitis Silvanus honore,
 florentis ferulas et grandia lilia quassans. 25
 Pan deus Arcadiae venit, quem vidimus ipsi

has yet been given: the usual derivation of 'opilio' from 'ovis' seems contrary to the quantities of the two first syllables.] 'Opilio' here is the original reading of Pal., found also in one or two of Ribbeck's cursives, and supported by the grammarian Caper. The 'opilio' is mentioned by Cato R. R. 10 [comp. Varro R. R. 1 xviii] among the staff of farm labourers, one being required for a property of two hundred and forty jugera.

'Subulci' all the MSS.; 'bubulci,' which Heyne retained, was due to the earlier modern critics (Parrhasius, Ursinus, Erythraeus, Stephanus, Cerda: see Taubmann). The reasons alleged for the change were, (i) the parallel passage in Theocr. 1 80, where swineherds are not named, (ii) the absence of swineherds elsewhere in the Eclogues, only cowherds, shepherds, and goat herds, coming within the dignity of pastoral poetry, (iii) the probability that Menalcas from his occupation is himself intended for a swineherd, (iv) the allusion in two passages of Apuleius (Flor. 1 3, Apol. p. 407) to Virg.'s 'opiliones' and 'busequae,' (v) a quotation in Terent. Maur. v. 1191, where however 'subulci' has recently been restored on MSS. authority, and (vi) the epithet 'tardi,' which is supposed to point to the motion of cows, and consequently of cowherds. In reply it is sufficient to say that swine are elsewhere referred to by Virg. (G. 1 400, 11 72, 520) as belonging to rustic life, while there is distinct propriety in mentioning them here, as they were plentiful in Arcadia: that the passages in Apul. do not prove that he read 'bubulci,' [any more than Metam. VIII 1, where he again has 'opiliones et busequae;' that 'bubulci,'] indeed, would not necessarily be synonymous with 'busequae,' the former word generally meaning a ploughman, not a herdman; and, lastly, that 'tardi' implies no more than weariness with their day's labour, which might easily be conceived of a swineherd, even if we had not

Eumaeus' complaint of the hardship of the life, Od. XIV 415 foll.

20. Menalcas is probably a husbandman who has been gathering and steeping acorns, which were the food not only of swine, but, in the winter, of cattle also. Wagn. refers to Cato R. R. 54, 'Ubi sementim patraueris, glandem parari legique oportet et in aquam conici. Inde semodios singulis bubus in dies dari oportet.' This explains both 'hiberna' and 'uvidus.' For the time of year see Introd.—Rom. has 'umidus,' as in G. 1 418.

21. Theocr. 1 81 foll. 'Apollo' appears as god of both poet and shepherd.

22. 'Tua cura,' 1 57. 'She for whom you care so cares nought for you.'

23. See Introd. [Serv. identifies 'alium' with Antony. In 43 B.C., after Mutina, Antony was in S.E. Gaul, and some of his cavalry chased Dec. Brutus past the sources of the Rhine. Mr. Nettleship thought that this might be referred to here, but it is not probable. It is quite possible that no special campaign, either of Antony's or of Agrippa's, is meant.]

24. 'Silvanus,' G. 1 20, 11 494, A. VIII 600. Wund. seems right in replacing the comma, omitted by Heyne, after 'honore,' so as to make v. 25 epexegetical of 'venit agresti honore.' With the construction he comp. Juv. XI 106, 'clipeo venientis et hasta.'

'Honore,' beauty, G. 11 404 note.

25. From Lucr. IV 587, 'Pan Pineae semiferi capitis velamina quassans,' a passage which Virg. has more than once had before him: see 11 24, VI 27.

'Quassans' expresses the size and length of the fennel and lilies. The use of fennel flowers for garlands is vouched for by Pliny XXI 55 (Voss).

26. Virg. emphasizes his having been allowed to look on Pan, as he was a formidable personage (Theocr. 1 16 foll.), and the sudden sight of him produced madness, hence called 'panic' (Eur. Rhes. 36, etc.). See on VI 13, 24.

sanguineis ebuli bacis minioque rubentem.
 'Ecquis erit modus?' inquit, 'Amor non talia curat;
 nec lacrimis crudelis Amor, nec gramina rivis,
 nec cytiso saturantur apes, nec fronde capellae.' 30
 tristis at ille: 'Tamen cantabitis, Arcades,' inquit,
 'montibus haec vestris: soli cantare periti
 Arcades. o mihi tum quam molliter ossa quiescant,

27. The details vouch for the reality of the vision, perhaps in a spirit of rustic simplicity. Both the Greeks and Romans seem not infrequently to have painted their gods red (see Plutarch, *Q. Rom.* 98, and other passages referred to by Voss), especially perhaps the deities of the country, such as Bacchus and Priapus, which probably accounts for the trick played on Silenus in VI 22. In Tibull. II 1 55 the rustic worshipper of Bacchus paints himself with vermilion ('minium'): and Pliny tells us (XXXIII 111) that the bodies of generals who triumphed were coloured with the same substance.

'The Latin "minium" was the sulphide of mercury, the Greek *κιννάβαρι*, our cinnabar or vermilion. It came from Spain, whose quicksilver mines of Almaden are still prolific.' Keightley. [*Corpus Inscr. Lat.* II p. 323, *Plin. N. H.* XXXIII 119, *Cic. Phil.* II 48.]

28. 'Sed quis erit modus?' A. IV 98. 'Amor non talia curat' answers to Theocritus' ἀφρόνιστος Ἔρωσ. Pan, as Serv. remarks, may be speaking from his own experience, 'bethinking him,' in Keats' words, 'how melancholy loath he was to lose fair Syrinx.'

29, 30. Pan, as the patron of rural life, chooses his images from the country. Voss observes that he is elsewhere connected with bees, being called *μελισσοσόος* (*Anth. Pal.* IX 226), while honey is offered to him, *Theocr.* v 58. Is it merely by accident that in the song to Pan, just quoted, in Keats' *Endymion*, book I, 'yellow-girted bees' are said to 'foredoom their golden honeycombs' to him?

'Gramina rivis:' see III 111, G. I 269.

'Cytiso apes:' *Cytisum* in agro esse quam plurimum maxime refert, quod galinis, apibus, ovibus, capris, ubus quoque et omni generi pecudum utilissimum est, *Col.* v 12. It is not named in G. IV. 'Fronde' seems to mean leaves stripped for fodder: otherwise we should have expected some other tree to have been particularized as a pendant to 'cytissus.'

31-43. 'So they: but Gallus replied: Let me be remembered in your songs, Arcadians; would that I only had been one of you, living your life and enjoying my love; even Lycoris might have stayed with me then.'

31. Doubts about the pointing of this line existed as early as the time of Serv., who rightly decides that 'tamen' forms part of Gallus' speech. Wagn. seems right in saying that the word here naturally introduces a consolatory thought, as in A. IV 329, x 509, though he spoils the effect by referring it directly to what goes before: 'licet sciam nullum amoris esse remedium in luctu et lacrimis, iuvat tamen indulgere huic dolori, quod meos amores non taceant Arcadiae pastores.' Serv. shows a truer appreciation: 'licet ego duro amore consumar, tamen erit solacium, quia meus amor erit vestra cantilena quandoque,' adding, not less justly, 'videtur enim neque oburgationes neque consolationes (sc. deorum) recipere obstinate moriturus: nihil enim ad dicta ab eis respondit.' In English we may perhaps express it, 'you will sing for me, though, when I am gone.'

'Cantabitis' has an imperative sense, as in G. IV 105, *Hor. Ep.* I xiii 2, etc., the speaker assuming what he desires. 'Quiescant,' v. 33, shows that it is not an ordinary future. [*Roby* 1589; the use is common both in command and in prohibition.]

32. 'Montibus,' dative, as II 5, 'Montibus et silvis studio iactabat inani,' rather than local ablative.

'Haec,' explained by 'meos amores,' v. 34.

Pal. and one of Ribbeck's cursives originally had 'nostris,' out of which Ribbeck extracts 'vostris.'

'Soli cantare periti Arcades' may be either a vocative in apposition, or a separate sentence, 'none but Arcadians know how to sing,' which last seems preferable. For the general sense comp. VII 4 note.

33. One of the countless variations of the common 'Sit tibi terra levis.'

vestra meos olim si fistula dicat amores!
 atque utinam ex vobis unus, vestrique fuissem 35
 aut custos gregis, aut maturae vinitor uvae!
 certe, sive mihi Phyllis, sive esset Amyntas,
 seu quicumque furor,—quid tum, si fuscus Amyntas?
 et nigrae violae sunt et vaccinia nigra—
 mecum inter salices lenta sub vite iaceret; 40
 serta mihi Phyllis legeret, cantaret Amyntas.
 hic gelidi fontes, hic mollia prata, Lycori,
 hic nemus; hic ipso tecum consumerer aevo.
 nunc insanus amor duri me Martis in armis

35. The feeling is like that of II 28 foll., a comparison of which will show that Gallus does not wish, as Voss thinks, to be a slave in Arcadia, as if even the lowest condition there would be bliss, but merely to take part in their simple rustic life. At the same time it is not wrong to bear in mind that in Italy, at least, such occupations would probably imply slavery, as it helps us to estimate the reality of the feeling expressed in the Eclogues. See the general Introduction.

36. 'Vinitor uvae' is a pleonasm (not unlike the Homeric *νίκτηρ ἐπινοχόει*), introduced doubtless on account of the epithet 'maturae' and the picture of the vintage thus presented to the mind.

37. In Arcadia he could have found some rustic love, and their mode of life would have kept them united. The passage is slightly imitated from Theocr. VII 86 foll. 'Certe,' at any rate. 'I could have counted on having my love, whoever it might be, with me.'

In 'esset—iaceret,' etc., the tense is changed from 'fuissem,' as Gallus is speaking of what, had his lot been cast in Arcadia, might then be going on.

38. 'Furor,' 'cura,' v. 22, 'ignis,' III 66.

39. Theocr. x 28, *καὶ τὸ ἴον μέλαν ἐνρί, καὶ ἄ γραπτὰ ὑάκινθος*, E. II 16 foll.

40. The association of the willow with the vine has caused much perplexity. Vines however are, I am told, trained on willows in Lombardy in the present day: and Columella tells us (V 7) that this was done in the 'Gallicum arbustum,' or 'rumpotinum,' though he himself thinks the practice prejudicial to the vine, and only allows it when no other tree can be found. Voss puts a comma after 'salices,'

making 'lenta sub vite' mark a different spot; this is to a certain extent countenanced by Theocr. VII 88, *ὑπὸ δρυσίν, ἢ ὑπὸ πεύκαις*, but is condemned by the harshness of the omission of 'aut.' Schrader ingeniously proposed 'inter calices,' which would answer to 'sub arta Vite hibentem,' Hor. Od. I xxxviii 7. Pal. (originally) and Med. have 'iaceres.'

42. 'But why dream of Phyllis and Amyntas? Why might I not be enjoying this life with Lycoris?' The line is imitated from Theocr. V 33, where one shepherd points out to another a place for singing in. ['Lycoris' Med. Pal.—H. N.]

43. 'Here we might grow old together, decaying by mere lapse of time.' 'Ævum' is not old age, here or elsewhere in Virg., but simply time or time of life, the notion of old age coming from the context. See A. II 435, 509, VIII 307, XI 85.

44-49. 'As it is, I am mad enough to serve in the wars, and you have gone to those wintry Alps—may frost and ice spare you!'

44. Heyne remarked that 'Martis' might be taken with 'amor' or with 'armis;' the former, which is the better view, has, however, been ignored by most editors, except Forb., who quotes 'Accendamque animos insani Martis amore,' A. VII 550; 'Saevit amor ferri et scelerata insania belli,' ib. 461. Love can have nothing to do with keeping Gallus in the camp away from Lycoris; and to say with Catrou and Ruæus that his passion drove him to the war in despair is to say what Virg. does not say, and what no authority confirms. On the other hand the connexion 'insanus amor Martis' is

tela inter media atque adversos detinet hostes ; 45
 tu procul a patria, nec sit mihi credere tantum!
 Alpinas, a dura, nives et frigora Rheni
 me sine sola vides. a, te ne frigora laedant!
 a, tibi ne teneras glacies secet aspera plantas!
 ibo, et, Chalcidico quae sunt mihi condita versu 50
 carmina, pastoris Siculi modulabor avena.

recommended by the whole tone of the passage, 'Would I had been a peaceful shepherd, living my life and loving my love! but military madness has made me a soldier, and my love has easily left me.' Heyne read 'te' from a conjecture of Heumann, supposing that Lycoris had gone after a soldier lover, leaving Gallus to pastoral poetry and sorrow.

'Nunc,' as things are, used frequently to contrast an actual state with a hypothesis. Forb. comp. Tibull. I x 11 foll. 'Tunc mihi vita foret . . . nunc ad bella trahor,' where the subject as well as the expression is more or less similar.

46. 'Tantum' seems best taken as equivalent to 'tantam rem,' the object of 'credere,' as 'credita res,' A. II 196, of a thing believed. 'Would that I might find myself unable to believe it!' Heyne comp. Tibull. III iv 82, 'A ego ne possim tanta videre mala!' 'Procul tantum' (VI 16 note) would be out of place here; the harshness of separating the words would be great, and 'tantum' with 'nives vides' would be exceedingly weak.

Serv. says on this line that these verses are really Gallus' own, extracted from his poems; but he does not say where the extract begins or ends.

47. Humboldt (Cosmos, vol. II, Sabine's trans.) instances the uniform language of the Romans about the savageness and physical discomforts of the Alps as a proof of their insensibility to beauty of scenery. So there is nothing in the Prometheus to show that Aeschylus felt with any distinctness the sublimity of the landscape, on which a modern poet could hardly have failed to dwell.

'Frigora' is in itself no more than cold weather or winter, as in v. 65, but in connexion with 'Rheni' it might imply that the river was frozen. In that case, 'frigora laedant' in the next verse will be the same as 'glacies secet aspera plantas,' in v. 49.

'Dura:' the hardness of nature which

steeled Lycoris against Gallus' love would lead her to brave Alpine snows. Comp. such passages as Hor. Od. I III 9 foll.

48. Voss comp. Prop. I VIII 7, 'Tu pedibus teneris positas fulcire pruinas, Tu potes insolitas, Cynthia, ferre nives?' Emm. comp. Ov. M. I 508, 'ne prona cadas, indignave laedi Crura secent sentes,' which seems to show that Virg. here is expressing a caution rather than a wish.

50-51. 'I will turn my poems into pastorals, and record my love on the barks of trees; I will hunt with the nymphs and the shepherds, in the hope—a vain hope—of cure.'

50. Gallus had translated Euphron of Chalcis, whose poems were chiefly mythological and of the Alexandrine school. He was popular in the time of Cicero, who complains (Tusc. III 19) of his being preferred to Ennius by the taste of the day, and elsewhere (De Div. II 64) speaks of his obscurity, a common Alexandrian vice, which, however, seems to have recommended him to Tiberius (Suet. Tib. 70). As he is said to have been imitated also by Tibullus and Propertius, his elegiac poems may have been those most in favour at Rome: and these accordingly may have been the poems which Gallus put into Roman dress (possibly in his elegies to Lycoris), and which he now proposes to adapt to the pastoral model of Theocritus. (For other conjectures see Heyne's Excursus.) How the adaptation was to be made is not very easy to see, unless we suppose that Gallus was to speak of himself and his sufferings in pastoral phraseology, changing his actual circumstances into the accidents of a shepherd's life, as Virg. has done for him in this Eclogue.

['Chalcidico' Med. Pal., and so Ribbeck.—H. N.]

51. 'Modulabor,' v 14. The image by which the change is expressed is that of setting to tune or playing verses already composed.

certum est in silvis, inter spelea ferarum
 malle pati tenerisque meos incidere amores
 arboribus; crescent illae, crescetis, amores.
 interea mixtis lustrabo Maenala Nymphis, 55
 aut acris venabor aprøs; non me ulla vetabunt
 frigora Parthenios canibus circumdare saltus;
 iam mihi per rupes videor lucosque sonantis
 ire; libet Partho torquere Cydonia cornu
 spicula. tamquam haec sit nostri medicina furoris,
 aut deus ille malis hominum mitescere discat! 61
 iam neque Amadryades rursus nec carmina nobis

52. 'Spelea,' *σπήλαια*, Ciris, 466: it seems not to occur again till Claudian (B. Get. v. 354), who doubtless copied Virgil.

53. 'Malle,' rather than live a soldier's life. 'Pati,' absolutely. 'Disce sine armis Posse pati,' Lucan v 313, 'Et nescis sine rege pati,' Id. ix 262, quoted by Emm.—as we say, 'to get through life.'

'Amores' used as Ovid uses it as the title of his poems. It may have been the title of Gallus' elegies; the words of Serv. (v. 1) are 'amorum suorum de Cytheride libros scripsit quattuor.' With the whole passage comp. Prop. i 18. For carving verses on trees see v 13.

54. Heyne comp. Ov. Her. v 23, 'Et quantum trunci, tantum mea nomina crescant: Crescite, et in titulos surgite recta meos.' Perhaps Virg. may mean, as Voss thinks, not merely that the verses will grow with the tree, but that the passion will increase.

55. He will throw himself into the hunting part of a shepherd's life (ii 29 note). 'Mixtis Nymphis,' a common variety for 'mixtus.' 'Mixtoque insania luctu,' A. x 871. The nymphs of the wood and mountain would take part in the chase, as when they attend on Diana, Od. vi 105.

'Lustrare' need not refer specially to dancing, as Voss thinks, though that may have been the motion in the chase (comp. A. i 499). With the passage generally comp. G. iii 40 foll.

56. 'Aut' merely distinguishes the actual chase from its preliminaries. So A. i 322, 'errantem . . . succinctam . . . aut spumantis apri cursum clamore prementem.'

57. 'Parthenios' agrees with the Arcadian scenery. 'Canibus circumdare saltus,' G. i 140. See on vi 56.

58. 'Lucusque sonantis,' with the cry of the hunt (G. iii 43). The words recur G. iv 364, where the noise is that of water.

59. 'Partho' and 'Cydonia' ('Gnosia spicula,' A. v 306, the Cretan reeds being especially good for arrows) are probably literary epithets (note on i 54).

'Cornu' for a bow of horn, A. vii 497. See the description of Pandarus' bow, Il. iv 105 foll.

'Torquere,' improperly used of shooting an arrow, as in A. v 497.

60. In the full burst of enthusiasm he feels he is deluding himself (Heyne).

'Sint' was adopted by Heyne after Heins. from Med.; Wagn. justly regards this as a case of the confusion of numbers, common even in the best MSS. (see on vi 30), 'haec' having been wrongly supposed to refer to 'spicula.' [See also Ribbeck, Prolegomena, p. 207.]

61. 'Ille,' whom we know so well—to too well to think him capable of pity. So 'illum,' v. 64.

62-69. 'No, woodland and song are delusions after all; love is not to be baffled by the most violent change of scene—we have only to give way.'

62. 'Iam' expresses that the change of feeling is already begun.

'Amadryades,' the nymphs of v. 55. 'Rursus' is restored by Wagn. here and in 63 from Pal., Rom. and Med. corr. with the remark that in the best MSS. 'rursus' is generally found only before a vowel. [Ribbeck following Med. pr. m. has 'rusum' here, 'rursus' in 63.]

ipsa placent; ipsae rursus concedite silvae. H. 21.4
 non illum nostri possunt mutare labores,
 nec si frigoribus mediis Hebrumque bibamus 65
 Sithoniasque nives hiemis subeamus aquosae,
 nec si, cum moriens alta liber aret in ulmo,
 Aethiopum versemus ovis sub sidere Cancri.
 omnia vincit Amor; et nos cedamus Amori.
 Haec sat erit, divae, vestrum cecinisse poetam, 70
 dum sedet et gracili fiscellam texit hibisco,
 Pierides; vos haec facietis maxima Gallò,
 Gallo, cuius amor tantum mihi crescit in horas,

63. 'Ipsa' emphasizes the second negative clause, A. IV 601, 'non socios, non ipsum absumere ferro Ascanium?' Sons had formerly been his especial passion. So 'ipsae silvae,' because it is the whole of woodland life that he quarrels with.

'Concedite: 'Concedite atque abscedite, omnes de via decedite,' Plaut. Amph. III iv 1: less courteous than 'vivite silvae,' VIII 59.

64. 'He is not one on whom any hardships of ours (vv. 62, 65) can work a change.' Both hardship and effort seem included in 'labores' here. 'Mutare,' of effecting a change in a person, A. V 679, XII 240. The sentiment resembles Horace's 'Caelum non animum,' etc.

65. From Theocr. VII 111, where the subject is a menace to Pan. The Hebrus, spoken of by Hor. Ep. I iii 3 as 'navali compede vinctus,' was, as Forb. remarks, one of the first ice-bound rivers which the Romans had encountered in their expeditions. Virg. may be thinking of hunting in winter, as in v. 56, but there is nothing to fix it definitely.

66. 'Memphin carentem Sithonia nive,' Hor. Od. III xxvi 10. The second syllable is long in Hdt. VII 122, but shortened by Lycophron v. 1357 and the Latin writers.

'Aquosae,' as Wagn. observes, is an epithet of an Italian rather than of a Thracian winter. 'Dum pelago desaevit hiemps et aquosus Orion,' A. IV 52. 'Torquet aquosam hiemem,' A. IV 671.

'Frigoribus mediis' belongs to this line as well as the former, as 'Hebrumque' seems to show. See however G. II 119.

67. 'When the elm is parched to the quick,' 'liber' being the inner bark.

'Liber moriens,' however, is a somewhat extravagant expression.

68. 'Should ply a shepherd's calling in Aethiopia,' as Pan in Theocr. VII 113 is told *παρ' Αἰθιοπίσσι νομῆους*, with reference rather to his own habits than to their fitness for the country.

'Versemus,' perhaps a translation of the Greek *παλίν*: though the word was doubtless chosen to express the long weary wanderings of a shepherd in the desert: see G. III 339 foll.

'Cancri': 'Aestus erat mediusque dies, solisque vapore Concava litorei fervebant brachia Cancri,' Ov. M. X 126.

69. 'Since love conquers every thing, change of climate, occupation and all, why should I hold out?' Med. has 'vincet,' Rom. 'vicit.'

70-77. 'So much for my pastoral song for Gallus; may it be worthy of my ever-growing love for him! A shepherd must not remain in the shade too long, and the flock must be driven home.'

70. 'Divae': see on v. 9.

71. 'Hibisco,' II 30. Basket-work is the shepherd's employment for idler hours; see II 71. The object of the 'fiscella' is shown by the imitation in Tibull. III 15, 'Tum fiscella levi detexta est vimine iunci, Raraque per nexus est via facta sero.' See also Col. VII 8.

72. 'Slight as this is, you will make it of highest worth for Gallus,' will give it a peculiar charm in his eyes: 'quae Maxima semper Dicitur nobis, et erit quae maxima semper,' A. VIII 271.

73. 'My love for Gallus grows as fast, hour by hour, as the alder in spring,' Ursinus comp. Pind. Nem. VIII 40, *ἀξέριαι δ' ἀπερά, χλωραῖς ἱέρασις ὡς ὅτε δένδρον φῶσι*. Pal. has 'hora.'

quantum vere novo viridis se subicit alnus.
 surgamus ; solet esse gravis cantantibus umbra ; 75
 iuniperi gravis umbra ; nocent et frugibus umbrae.
 ite domum saturae, venit Hesperus, ite capellae.

74. 'Vere novo,' as the growing time, G. II 323 foll. 'Se subicit,' ib. 19.

75. 'Gravis umbra : ' comp. Lucr. VI 783, 'Arboribus primum certis gravis umbra tributa Usque adeo, capitis faciant ut saepe dolores, Si quis eas subter iacuit prostratus in herbis.' 'Cantantibus,' to those who sit and sing under them—not with reference to any effect on the voice, as Dryden translates it.

76. 'Iuniperi,' VII 53. He is sitting then under a juniper. Martyn declares that the smell of the juniper is considered

wholesome ; but Heyne refers to Apoll. R. IV 156, where Medea uses a branch of juniper as the vehicle for sprinkling her drugs on the dragon's eyes, as a proof that the ancients thought there was something prejudicial about it.

'Nocent et frugibus umbrae,' G. I 121. The fact seems mentioned here as a shepherd's way of confirming his statement—'It is bad singing in the shade : why, shade does harm to the crops.'

77. For the turn of the line comp. I 74, VII 44 ; for the sense, VI 85, 86.

NOTE ON THE SCENERY ABOUT MANTUA.

Readers of Eustace's Classical Tour through Italy may remember that while asserting that 'Virgil's pastorals ought in general to be considered not as pictures of real scenery . . . but as mere *lusus poetici* composed in imitation of Theocritus,' he excepts the descriptive passages in the First, Seventh, and Ninth Eclogues, and discovers the place

'qua se subducere colles
 incipiunt, mollique iugum demittere clivo'

in the neighbourhood of Valeggio, 'near which town they (the hills) begin to subside, and gradually lose themselves in the immense plain of Mantua.' There, and nowhere else on the banks of the Mincius, he finds the rocks, crags, and mountains of the first Eclogue. (Tour, vol. i pp. 217 foll., third edition.) I have applied to Mr. Keightley on the subject, and have pleasure in extracting part of the answer with which he has favoured me. 'All I can tell you is that on my arriving in Mantua in company with two French gentlemen, whose sight was better than mine, we all ascended the Torre di Gabbia to view the surrounding country, which I swept with a good opera-glass, and we came, without a moment's hesitation, to the conclusion expressed in p. 15 of my Virgil. I had intended walking out to Pietola, but from the view I had of it I saw that it would be quite a work of supererogation. Next day a gentleman who resided in Cremona accompanied us to Milan, when, finding that he was a sportsman and was in the habit of traversing the country in all directions, I asked him about rocks, etc., and he assured me there was no stone at all in the plain—nothing but *gesso*, sulphate of lime.'

I ought also to mention that, according to Eustace, 'the "spreading beech" still delights in the soil and adorns the banks of the Mincius in all its windings.'

So far as Virgil is concerned, it is obvious that the question is an unimportant one, as it is admitted on both sides that the scenery of the Eclogues is generally Theocritean, but that the actual features of the Mantuan district are represented in one or two exceptional instances.

ON
THE LATER BUCOLIC POETS OF ROME,
ESPECIALLY CALPURNIUS AND NEMESIANUS.

IF bucolic poetry found no cultivators at Rome before the time of Virgil, it does not seem to have enjoyed much more popularity afterwards. Wernsdorf (*Poetae Latini Minores*, vol. ii, praef. pp. vi, vii), who wonders that it should not have flourished more among a people originally sprung from shepherds and preserving the recollection of their origin by annual festivals, and inclines to lay the blame on the luxurious temper of the great city, as being naturally antagonistic to a taste for rustic simplicity, is sufficiently explicit in his testimony to the fact, stating that no trace can be discovered of the existence of any bucolic writer after Virgil earlier than Calpurnius, while the pastoral poets of a later period, with the exception of Nemesianus, who, in his view, as we shall see, is not really one of them, are inelegant and hardly worth reprinting. Calpurnius and Nemesianus themselves cannot be said to stand high in the list of post-Augustan authors; but as they happen to fall within the classical period, as commonly understood, and conform more closely than their successors to the Theocritean or Virgilian type, perhaps a brief account of them may not be unacceptable.

At the outset we are met by a critical question, affecting the authorship of the works which bear their name. These amount jointly to eleven pastorals, most of them averaging less than one hundred lines. All of them were assigned by the five first editions, following the majority of the MSS., to a single writer, T. (or, as the first edition gives it, after one MS., C.) Calpurnius Siculus. The sixth edition, 'impressum Parmae per Angelū Ugoletū,' without a date, but referred by Ulitius to the year 1500, made a division of the authorship, attributing the seven first pastorals to Calpurnius, the remaining four to [M. Aurelius Olympius] Nemesianus, on the authority of a 'most ancient and correct' MS. from Germany belonging to Thadaeus Ugoletus. It also prefixed a title to the bucolics of Calpurnius, inscribing them to this same Nemesianus. This arrangement seems to have been followed almost unhesitatingly by subsequent editors till the time of Janus Ulitius, who, in his *Venatio Novantiqua* (Elzevir, 1645, an edition of the didactic writers on hunting,

together with the pastorals of Calpurnius and Nemesianus), stated reasons for restoring the whole to Calpurnius. The tide now turned: Burmann, in the preface to his *Poetae Latini Minores* (Leyden, 1731), accepted Ulitius' view, though, like him, he did not venture in his text to disturb the received division; and Wernsdorf, fifty years afterwards, in his preface cited above, and in an introductory essay on Calpurnius and his Eclogues, enforced the same doctrine by an array of arguments which till very lately were generally supposed to have set the question at rest. The main considerations on which he relies are the absence of any mention of Nemesianus as a pastoral writer by Vopiscus, who alludes to his other works, as well as by the earlier scholars after the revival of learning, the fact that no MS. containing his undisputed works contains these pastorals, the insufficiency of a single MS. authority, the self-contradictory character of the testimony supplied by the Parma edition, which apparently shows that in that single MS. the arrangement had been tampered with by a later hand, the similarity of the style of the two sets of poems, 'ut lac lacti simillimus,' and the probability that Calpurnius would write neither more nor less than eleven pastorals, that being the number of the Idyls of Theocritus which may fairly be called rustic proper—an argument somewhat recondite in itself, and depending on a proposition which has itself to be supported by a good deal of wire-drawn reasoning. So matters appear to have stood till the publication of Maurice Haupt's *De Carminibus Bucolicis Calpurnii et Nemesiani Liber* (Leipsic, 1854) [in his collected works, vol. i pp. 358 foll.]. In this monograph, which in its comprehensive knowledge and ingenuity of conjecture is a fair specimen of the best German scholarship of our day, the divided authorship of these Eclogues is strongly asserted. Rejecting considerations grounded on the literary character of the several poems as too dependent on individual taste to furnish material for argument, the writer points out one remarkable peculiarity which discriminates the undisputed Calpurnian Eclogues from the others, the absence of elisions in any foot but the first, most of the few apparent exceptions being shown either to arise from false readings, or to be such as really prove the rule—a degree of strictness transcending that of Tibullus, Lygdamus, and Ovid, who are particular only not to elide long vowels after the first foot, whereas Calpurnius does not elide long vowels at all. From this positive proof of a distinction of authors, a proof all the stronger as being furnished, as it were, unconsciously by the poems themselves, he proceeds to controvert Wernsdorf's arguments for identity. The argument drawn from the supposed number of the rustic Idyls of Theocritus he meets not only by denying the proposition on which it rests, but by showing how easily a counter argument might

be constructed to prove that Calpurnius wrote only seven Eclogues, because, according to Servius, only seven of Virgil's are rustic proper. Wernsdorf had passed lightly over an apparent objection to his theory founded on the similarity of passages in the earlier Eclogues to passages in the later, alleging other instances in which poets repeat themselves: Haupt contends that this apology does not touch the case of the third and ninth Eclogues, the latter of which is an obvious though unskilful imitation of the former. Having thus, as he conceives, shown that the poems in question cannot be by Calpurnius, he endeavours to prove that they are rightly attributed to Nemesianus, pointing out some resemblances between them and Nemesianus' *Cynegetica*, and urging that the silence of Vopiscus is not of that kind which would establish a negative. He shows that the MS. evidence for divided authorship, instead of resting on a single copy, is really supported by two others, one of them the best of all, the Neapolitan, and by the tradition of a third; while he considers the inscription of Calpurnius' Eclogues to Nemesianus to have arisen from a confusion between the concluding 'Explicit Calpurnii bucolicon' and the opening 'Aurelii Nemesiani Carthaginiensis bucolicon incipit,' which would follow it immediately, and cites other instances of similar amalgamations by transcribers. Lastly, he separates the two poets, who had been previously supposed to be contemporaries, by a gulf of more than two centuries, leaving Nemesianus at the date to which he is commonly fixed by external evidence, the date of the emperor Carus and his sons, and advancing Calpurnius, whose ordinary date rests partly on the inscription to Nemesianus mentioned above, partly on an arbitrary identification of him with a certain Junius Calpurnius, named by Vopiscus as the emperor's 'magister memoriae,' to the time of Nero, to whose reign he points out several allusions in the Eclogues. Without presuming to affirm or deny the validity of this chain¹ of reasoning, I may perhaps be allowed so far to adopt Haupt's position as to speak of Nemesianus as the author of four out of the eleven pastorals.

Calpurnius' first Eclogue is a sort of imitation of the Pollio, introduced by a dialogue between two shepherds, brothers, Ornitus and

¹ Mr. Merivale (*Hist.*, vol. vii p. 41) contends that the allusion to the emperor at the end of the seventh Eclogue 'points much better to Domitian.' On the other hand, Mr. Greswell believes the emperor in question to be the youngest Gordian, [and so Garnett, *Journal of Philology* xvi 217. But the conclusions of Haupt as to date and authorship are now generally accepted: that is, Calpurnius wrote seven Eclogues in the earlier part of Nero's reign. His poems have been edited (with numerous conjectures) by Bährens (*Poetae Lat. Min.*) and Schenkl (*Leipzig, 1885*) and translated into English by E. Scott (*London, 1891*).]

Corydon, who, as they take refuge from the heat in a cave sacred to Faunus, observe some verses carved on a beech-tree, apparently, so it is intimated, by the prophetic god himself. In these verses Faunus, in language reminding us sometimes of Virgil's Daphnis, sometimes of Jupiter's speech to Venus in Aeneid I, sometimes again of the portents at the end of Georgic I, announces that the golden age has come, that justice has returned under the auspices of the youth who became a pleader in his mother's arms—an allusion, Haupt thinks, to the early forensic efforts of Nero—that civil war shall be bound in chains, the senate no longer be sent to the block, and civic honours no more be a mockery—in confirmation of which blissful prediction he points to the meteor, then shining, not with a bloody glare, but in a clear sky. The brothers receive the intimation with becoming awe, and resolve to record the verses, in the hope that Meliboeus—perhaps Seneca, perhaps, as Haupt thinks more probable, Calpurnius Piso—may convey them to the ears of Augustus. The MSS. give this Eclogue the somewhat inappropriate title *Delos*, which may have arisen, as Wernsdorf suggests, from an association in the transcriber's mind between the prophetic island and prophecy of any sort.

The second Eclogue is called *Crocale*, from a maiden with whom Astacus, a gardener, and Idas, a shepherd, are in love, and whom they accordingly celebrate in amoebean strains, with their respective produce as the stakes, Thyrsis as the umpire, and Faunus and the Satyrs, the Dryads and Naiads, 'sicco Dryades pede, Naides udo,' and all nature, animate and inanimate, as the audience. They appeal to their patron gods, talk of their respective occupations, vie with each other in offers to any deity who will bring the absent Crocale, enumerate their wealth, boast of their personal attractions, and finally are each reminded that it is time to go home. Thyrsis pronounces them equal in the following words :

'Este pares, et ob hoc concordēs vivite : nam vos
et decor, et cantus, et amor sociavit, et aetas.'

The third Eclogue, entitled *Exoratio*, is pronounced by Scaliger to be 'merum rus, idque inficetum : ' and certainly, though its coarseness may be paralleled from Theocritus, it is not what we should have expected from an imitator of Virgil. Iolas, on asking another shepherd, Lycidas, after a stray heifer, finds that he can think of nothing but Phyllis, who has deserted him. Lycidas had discovered her under a tree, singing with his rival Mopsus, and inflicted personal chastisement on her : on which she had run off to her friend Alcippe, declaring that she would live with Mopsus for the future. The forsaken lover now

wishes for her back on any terms, and bethinks himself of sending her a poetical entreaty, which Iolas good-naturedly offers to convey. It is accordingly recited by Lycidas, and taken down by Iolas on cherry-bark—a piteous composition, describing the lover's desolate condition, reminding Phyllis of her past pleasure in his society, comparing his personal attractions and his wealth with those of Mopsus, offering to let her bind his vindictive hands—hands which nevertheless had given her many presents—sneering at Mopsus' poverty, and finally threatening that the lover will hang himself in the event of rejection from the tree which first made him jealous. Iolas promises to report it, and is rewarded at the same moment by the sight of his heifer, which he kindly sets down as an omen of his friend's success.

The fourth Eclogue, *Caesar*, is again political. Meliboeus, the shepherd-poet's patron, finds Corydon meditating a more than rustic song in praise of Caesar, a design in which his younger brother Amyntas is also anxious to join. The patron reminds Corydon that he had often warned his brother against the thriftless occupation of singing, and is told that it is his own kindness which has placed them both above want, and has given them the means of thinking of such pursuits. As the lines may, perhaps, possess some biographical interest, though the images are obviously borrowed from Virgil's first Eclogue, it may be worth while to quote them, by way of a specimen of the poet's manner :

' Haec ego, confiteor, dixi, Meliboee : sed olim :
non eadem nobis sunt tempora, non Deus idem :
spes magis adridet. certe ne fraga rubosque
colligerem, viridique famem solarer hibisco,
tu facis, et tua nos alit indulgentia farre.
tu, nostras miseratus opes docilemque iuventam,
hiberna prohibes ieiunia solvere fago.
ecce nihil querulum per te, Meliboee, sonamus,
per te segura saturi recubamus in umbra,
et fruimur silvis Amaryllidos, ultima nuper
litora terrarum, nisi tu, Meliboee, fuisses,
ultima visuri, trucibusque obnoxia Mauris
pascua Geryonis, liquidis ubi cursibus ingens
dicitur occiduas impellere Baetis harenas.
scilicet extremo nunc vilis in orbe iacerem,
a dolor ! et pecudes inter conductus Iberas
inrita septena modularer sibila canna,
nec quisquam nostras inter dumeta Camenas
respiceret, non ipse daret mihi forsitan aurem,
ipse Deus, vacuum, longeque sonantia vota
scilicet extremo non exaudiret in orbe.'

Meliboeus, after deprecating an expression in which Corydon

apparently speaks of himself as successor of the great Tityrus (doubtless Virgil), consents to listen to an amoebean song from the brothers in honour of the emperor. They invoke Caesar, speak of his superhuman power in calming the woods, rendering the cattle prolific, and fertilizing the country, of the freedom to dig treasure and celebrate rural festivities, and the general security enjoyed under his reign, and finally hope that this Deity may live and rule for ever on earth. Meliboeus compliments them on the improvement in their singing which the change of subject has produced, and Corydon in return hopes that he will prove a second Maecenas to a second Virgil, introducing him to the imperial city, and bidding him rise from rural to martial strains.

Mycon, the fifth Eclogue, is a kind of Georgic in a bucolic form. The person who gives it its title, an old shepherd, takes the opportunity of a mid-day sitting in the shade to lecture a young pupil on the care of sheep and goats, the times for grazing and milking, the cautions to be observed in shearing, the remedies for wounded sheep, the best kind of winter fodder, in a speech of 120 lines, rather closely studied after the third Georgic of Virgil.

A pastoral quarrel, *Litigium*, is the subject of the sixth Eclogue. Lycidas is informed by Astilus that he has just arrived too late for an amoebean contest between Nyctilus and Alcon, in which the latter has been conqueror. Lycidas has a different opinion of the prowess of the combatants, arraigns the judgment, and challenges the judge. A contest is agreed on, Astilus wagering a stag, Lycidas a horse, and Mnasyllus, the umpire, bids them sing of their respective loves. But a taunt from Lycidas rouses his rival, and they appear to be coming to blows, when they are stopped by Mnasyllus, who declines to have anything to do with this physical encounter, and ends an Eclogue, not unreasonably pronounced by Barth and Wernsdorf the most unsuccessful of Calpurnius' bucolic efforts.

In the seventh and last Eclogue, to which a transcriber has given the not very appropriate title of *Templum*, the chief speaker is a shepherd, newly returned from town, and full of a show which he has seen in the amphitheatre, where he has been particularly struck with the beauty of the building and the variety of the wild beasts. He is congratulated on being young when this glorious age is beginning, and questioned about the personal appearance of the imperial deity. The answer which he gives is complimentary enough as far as it goes, but conveys little information, and certainly forms rather an abrupt termination to an Eclogue assumed to be the last of the series.

'O utinam nobis non rustica vestis inesset !
vidissem propius mea numina : sed mihi sordes,

pullaque paupertas, et adunco fibula morsu
obfuerunt. utcumque tamen conspeximus ipsum
longius, ac, nisi me decepit visus, in uno
et Martis vultus et Apollinis esse putavi.'

Nemesianus,¹ who, if not Calpurnius, was certainly an imitator of Calpurnius, makes his first Eclogue a funeral poem on Meliboeus, an exalted personage resembling the Meliboeus of his prototype. Tityrus is asked by Timetas to sing, but excuses himself on account of his age, and begs that the author of the request, who has become recently distinguished by a victory over Mopsus, will himself perform the task, taking as his subject the death of their common friend. Timetas complies, having recently composed an epicedium which he has inscribed on the bark of a neighbouring cherry-tree. Air, earth, and water are invoked to carry the lament to the ears of Meliboeus, whom the poet then proceeds to panegyrize.

' Longa tibi cunctisque diu spectata senectus,
felicesque anni, nostrique novissimus aevi
circulus, innocuae clausurunt tempora vitae.
nec minus hinc nobis gemitus lacrimaeque fuere,
quam si florentis mors invida pelleret annos.
nec tenuit talis communis causa querellas :
heu, Meliboee, iaces letali frigore segnibus
lege hominum, caelo dignus, canente senecta,
concilioque Deum. plenum tibi ponderis aequi
pectus erat : tu ruricolam discernere lites
adsueras, varias patiens mulcendo querellas.
sub te ruris amor, sub te reverentia iusti
floruit, ambiguos signavit terminus agros.
blanda tibi vultus gravitas, et mite serena
fronte supercilium, sed pectus mitius ore.'

The usual topics then succeed : the gods of the country bring gifts in honour of the dead : trees and herds, 'nostra armenta,' repeat his name : for the sea and land will change their inhabitants, and the products of the seasons become confused, before Timetas will cease to sing of him. Tityrus compliments the singer, hints that the song may be the means of advancing him from a country life to a life in Rome, a species of promotion which these shepherds appear especially to desire, and finally reminds him that the hour is late. *Epiphunus* (*êπt-funus*) is the title which the MSS. give to the poem—a curiously illiterate confusion of Greek and Latin.

The second Eclogue is entitled *Donace*, the name of a girl who has

¹ [M. Aurelius Olympius Nemesianus of Carthage wrote about A.D. 284 ; Teuffel 386. His poems have been edited by Böhrens, *Poetae Latini Minores*, vol. iii, and Schenkl, Leipzig, 1885 ; both editors have introduced conjectures very freely.]

been removed by her parents from the passionate pursuit of two shepherd boys, Alcon and Idas, and whose absence they accordingly lament in amoebean strains. It is modelled to a certain extent on Calpurnius' second and third Eclogues, not without some exaggeration and coarseness of handling, which are due to the author himself. The images in which the lovers express their longing are, as usual, borrowed from Theocritus or Virgil: one recommends himself on account of his wealth, the other on the score of his personal appearance: one talks of all nature as blighted to him while Donace is away, the other reminds her that gods have led a shepherd's life: and evening as usual comes in to stop the singing. The only noticeable passage is about a tame nightingale, which Alcon has sent as a present to Donace, though the thought gains but little from its expression.

'Munera namque dedi, noster quae non dedit Idas,
vocalem, longos quae ducit, aëdona, cantus;
quae, licet interdum contexto vimine clausa,
cum parvae patuere fores, ceu libera ferri
norit, et agrestis inter volitare volucres,
scit rursus remeare domum, tectumque subire
viminis, et caveam totis praeponere silvis.'

It is noticeable that the two songs, which are continuous, are of exactly the same length, like those in Virgil's fifth and eighth Eclogues.

In the third Eclogue Nemesianus has imitated Virgil's sixth. Three shepherds find Pan asleep, take his pipe, and vainly try to perform on it: he awakes, and immediately offers to play, taking for his subject the praises of Bacchus, whose name the copyist has accordingly prefixed to the Eclogue. The song, which is of no great length, being given in the 'oratio recta,' not, like Virgil's, thrown into the form of a rapid summary, speaks of the birth and infancy of the god, and of the production of the grape, the first treading of which is described. There is considerable picturesque power in various parts of the song, which admits, as Wernsdorf remarks, of illustration from various extant gems. Here is a picture of the child in the arms of Silenus.

'Quin et Silenus parvum veneratus alumnum
aut gremio fovet, aut resupinus sustinet ulnis,
et vocat ad risum digito, motuque quietem
adlicit, aut tremulis quassat crepitacula palmis:
cui deus adridens horrentis pectore setas
vellicat, aut digitis auris astringit acutas,
applauditve manu mutilum caput aut breve mentum,
et simas tenero collidit pollice nares.'

Evening ends the Eclogue, which Fontenelle rather boldly pronounces to be superior in elegance of invention to its Virgilian prototype. It is

difficult to see the appropriateness of the praises of Bacchus in the mouth of Pan, though they might have come with some grace from Silenus; while the pictorial features, being such as are found represented in works of art, may perhaps be due as much to artistic tradition as to the imagination of the poet.

The fourth Eclogue, *Eros*, is again amoebean, Mopsus and Lycidas singing of their loves, Meroe and Iolas. The strophes are short, five lines each, and each has the same burden, 'Cantet, amat quod quisque: levant et carmina curas.' The topics are, as usual, chiefly Theocritean and Virgilian, the transitoriness of beauty, the universality of passionate pursuit, the lover singing in the heat when all else is sheltered, and the employment of the various resources of magic. As in the eighth Eclogue of Virgil, there is no formal conclusion.

Such are the somewhat meagre products yielded by Roman bucolic poetry after Virgil's time—compositions as unreal as Virgil's own, without that exquisite grace which makes us delight in the poem where we cannot recognize the genuine pastoral. A few other pieces of bucolic verse, included by Wernsdorf in his second volume, may perhaps be worth a few lines of mention. Citerius Sidonius Syracusanus (the suffix is noteworthy, as compared with that of Calpurnius) contributes an 'Epigramma de Tribus Pastoribus,' eight closely packed lines, specifying the antecedents, fortunes, occupations, ages, musical qualifications, loves, and love-presents of three shepherds. Severus Sanctus, 'rhetor et poeta Christianus,' has a dialogue in Asclepiad stanzas, 'de Mortibus Boum,' in which Buculus laments the loss of his cattle by an epidemic, finds that Tityrus' herds have escaped by being signed with the cross, and becomes himself a convert from Paganism to Christianity. One Vespa writes 'Iudicium Coci et Pistoris, iudice Vulcano,' in which the baker and the cook extol their own art and depreciate each other's, in verses of no classical merit, but with some humour, the cook being told that he is responsible for the suppers of Thyestes and Tereus, and replying that his art supplies liver for Tityus, wings for Icarus, and beef for Europa. Last comes an Eclogue by the venerable Bede, 'Conflictus Veris et Hiemis, sive Cuculus,' Spring and Winter arguing in verse before a company of shepherds for and against the appearance of the cuckoo, till the judges, naturally enough, decide that the cuckoo shall come, and conclude, 'Salve, dulce decus, cuculus, per saecula salve.'¹

¹ [Two fragments of Eclogues resembling those of Calpurnius, and probably dating from the reign of Nero, have been edited from an Einsiedeln MS. of the tenth century. They amount in all to eighty-eight hexameters and are of little importance: one of the poems quotes Virg. E. iv 10. See the reff. in Teuffel 306, 8.]

P. VERGILI MARONIS
G E O R G I C O N

LIBER PRIMUS.

INTRODUCTION.

THE student of Virgil may be said to enjoy a singular advantage in the preservation of those works of Greek poetry which his author professes to have imitated. A few fragments are all that is left of that glorious body of lyric song which, after having been the delight of Greece, while Greece was yet a nation, lived again at Rome in the Odes of Horace, inspiring their spirit and dictating their metre. Still more scanty is our knowledge of the poems which are supposed to have served as models for Ovid's *Metamorphoses*, such as the Hesiodic *Ἠοΐαι* or the *Ἐπεροῦμένα* of Nicander. Not only may we suppose that we have lost the key to many thoughts, images, and phrases, which the possession of the Greek would have enabled us to clear up, but the whole relation of the Latin poems to their originals becomes a matter of inference and of vague conjecture. But in possessing Theocritus, Hesiod, and Homer, we may feel that we possess, as it were, the exciting causes of the *Eclogues*, the *Georgics*, and the *Aeneid*. They do not indeed represent all the literary influences which must have told upon Virgil's genius, or disclose to us the origin of the peculiar manner in which he has conducted the work of imitation : but they show us what it was that in each successive case first stimulated his general conception of his subject—what it was that he admired in the literature of Greece, and sought to reproduce among his own countrymen : they enable us

to judge of him not only as a poet, but as a critic of the poetry of others.

With regard to Hesiod, indeed, there is considerable reason to doubt whether we possess the whole of what Virgil set himself to copy. Various agricultural precepts are cited from Hesiod—for instance, about the culture of the olive and the vine—which find no place in the *Works and Days*, as we now read them; and though some of these may be disposed of by the consideration that the name of Hesiod was often loosely applied to any thing which might fall under the head of rural didactics, enough remains of a more strictly Hesiodic character to render some other hypothesis necessary—whether it be the popular German theory that the extant *Works and Days*, interpolated as the same authority pronounces them to be, represent only a part of the work which was read by Virgil, or the more cautious speculation of Colonel Mure, who refers the unincorporated fragments to some of the lost poems traditionally ascribed to Hesiod, such as the *Astronomy* and the *Maxims of Cheiron*. Possibly Propertius¹ may have been thinking of these when he addressed Virgil as repeating in song the directions of the old *Ascraean* bard, and telling of the plain in which the corn-crop grows greenest, the slope on which the grape clusters best, though it is equally likely that he simply intended to acknowledge the *Georgics* as a Hesiodic poem, characterizing them, not by any thing in Hesiod, but by their own argument as summed up in the exordium of the *First Book*. In any case, however, we may be sure that what we have lost bears no proportion in value, as a means of estimating the relations of Hesiod and Virgil, to what we have preserved. The recovery of the whole of Hesiod's poetry would doubtless supply us with illustrations of many passages in the *Georgics*: it is not needed to indicate and shadow forth, though it might possibly deepen, the contrast between the poet of Augustan Rome and the half-mythical minstrel of Boeotia.

The *Works and Days* are the earliest classical representative of that species of poetry which is known as the *Didactic*, a variety

¹ 'Tu canis Ascraei veteris praecepta poetae,
quo seges in campo, quo viret uva iugo.'

(Prop. II (III) xxxiv 77, 78.)

which has been extensively cultivated in later times, and may be said to have flourished in England down to the end of the last century. Yet it is not too much to assert that a critic who wished to justify the disfavour with which didactic poetry is regarded by the writers and readers of the present day might find his strongest arguments in an examination of Hesiod's poem, not by attempting to derogate from its characteristic excellences, but by using it as a witness to show that the class of compositions of which it is a specimen was not calculated for permanence. Colonel Mure is not exceeding his customary modesty of theorizing when he delivers it as his opinion that 'had prose composition been already popular in Hesiod's time, the Works and Days would probably have been embodied in that form.' It is indeed obviously the product of a time when verse was the one mode of formal composition, recommending itself to the reader's memory by its portability, and to the writer's imagination, as differing most from that common every-day speech which it must have seemed impossible to invest with any artistic associations. Hesiod doubtless was sensible of the pleasures of a composer, and sought for such graces of imagery and style as lay within his horizon: but his first object was to enunciate those practical rules which he regarded as necessary to the conduct of life in an agricultural community. But after prose writing had come to be studied, didactic poetry of this kind was no longer possible. It might linger on among the uneducated: but among the cultivators of composition as an art, those who wished really to instruct were sure to write in prose. Theophrastus took the place of Hesiod by the same law which gave the chair of Xenophanes and Empedocles to Plato and Aristotle. The Hesiodic form however remained after its spirit had passed elsewhere. The union of practical teaching with the charms of versification continued to be attempted by writers who forgot to ask themselves under what circumstances that union had first been realized. It was easy to produce something more systematic than the Works and Days, while the discovery of images appropriate to rural life, yet not unsuited to the dignity of the Muse, furnished a sufficient employment to the poet's fancy. The poetical grammarians of Alexandria were naturally attracted

to a species of composition which, though perhaps incompatible with a spirit of profound criticism, has peculiar points of affinity to the temper of a critical age: and the Alexandrianizing poets of Rome were not unwilling to follow the example. The Phaenomena of Aratus found at least two distinguished translators: Lucretius and Manilius gave the form and colour of poetry to the truths of science, Virgil and Horace to the rules of art; and the rear is brought up by such poets as Grattius, Nemesianus, and Serenus Sammonicus. In the so-called Augustan age of English literature the same causes were seen to produce the same effects. We had Essays on Satire, Essays on Unnatural Flights in Poetry, Essays on Translated Verse, Essays on Criticism, Essays on Man: Arts of Preserving Health, Arts of Dancing, and even Arts of Cookery: the Chase, and the Fleece, and the Sugar-cane. Some of these the world has forgotten: others are still read with pleasure, not however for the precepts contained in them, but for the terse language and polished verse in which those precepts are enforced. But whatever may be their beauties, the Hesiodic spirit is absent from one and all alike. If we are resolved to track it to its lurking-places in English poetry, we must ascend to times more nearly resembling Hesiod's own, when old Tusser could write, not for critics, but for farmers, and the Five Hundred Points of Good Husbandry were received as respectable poetry because they were known to be good sense.

Colonel Mure lightly remarks that the Works and Days might be more correctly described as a Letter of Remonstrance and Advice to a Brother. It is round the grasping, lazy, improvident Perses, *μέγα νήπιε Πέρση*, as his brother calls him more than once, that the whole poem gathers itself, parts of it, it is true, being connected with him somewhat loosely, but never absolutely detaching themselves from him. Hesiod invokes the Muses, but it is that they may tell him of Zeus, and induce the great Father to see that human justice is rightly awarded, while he himself speaks to Perses the words of truth. Perses is no Maecenas, who, though he may have suggested the subject of the song, is addressed in it merely as a sort of ideal reader: he is a wrong-doer in whose mind a change has to be wrought, for his own

sake and for the sake of others, and legend, fable, and precept are employed by turns to bring him to a sense of past misconduct and present duty. The subject is introduced, as it were, by a fresh leaf out of the Theogony, in which, however, the mythological element is subordinated to the moral, a description of two goddesses of strife, whom we may distinguish in modern language as Discord and Emulation, the first the source of war and misery, the second of honourable endeavour. But the moral is for Perses, who is warned not to waste time which a busy man can ill spare on the false strife, forensic wrangling, but to have the question of his own and his brother's inheritance settled by impartial arbiters, not, as at the last trial of the suit, by judges whom he had bribed. For him, too, is told the legend of Prometheus and Zeus, showing how Pandora first brought evil among mankind, who had lived till then untroubled by hard toil and grievous sickness, and concluding thence that there is no way of escape from the eye of Zeus. That tale being over, Perses is asked if he will hear another, and bidden to lay it up deep in his heart. Then follows the narrative of the five ages, in the last of which men are now living, an evil time, when father shall be at variance with child, guest with host, friend with friend, and brother with brother; when justice and conscience shall not be found in the hands of men, but the base shall supplant the more noble, speaking crooked words, and shall swear a false oath. One more tale is told, a very brief one, addressed to kings and judges of the earth. It consists simply of a reply by a hawk to a nightingale struggling in his talons, and appealing for mercy, a reply which amounts to no more than that she is absolutely at his disposal and had better not resist; the intention doubtless being to put the case of oppression in all its naked repulsiveness, that human perverters of justice may understand and pause in their wrongful course. Passing from fable to a more direct mode of appeal, he again exhorts both Perses and the judges. The former is bidden to 'look on this picture and on this;' on the flourishing city of the just, where there are peace and festal doings, where the oak carries acorns at its top and honey at its core, where the children resemble their parents, and none go on shipboard, for earth

produces fruit enough ; and on the unjust nation, which is ever wasted by famine and pestilence, ever cursed with barrenness in its homes, ever feeling the hand of Zeus in the loss of its broad armies, of its walls, or of its ships at sea. The latter are told that there are thirty thousand heavenly watchers over the affairs of men, who walk abroad over the earth, clad in mist, to see the right and wrong that are done, and that Justice when outraged by human crime sits down by her father Zeus, and talks to him of the perverse heart of man, that a people may suffer for the unrighteousness of its kings. And now he quits justice, and dilates with equal emphasis and at still greater length on the second part of his thesis, the duty of work. The two are indeed closely connected, as the opposition is between living on others and living by a man's own exertion. The easy path of vice is contrasted, in lines that have become famous, with the up-hill path of virtue, steep and rugged at first, but smooth when the ascent has once been mastered. 'Work then, Perses,' he continues, 'like a man of gentle blood as thou art, that famine may hate thee as its foe, and august Demeter of the bright crown may love thee and fill thy granary with sustenance.' One terse proverbial saying follows another, to illustrate the broad distinction between the working and the unworking life : 'Shame is found with poverty, boldness with wealth : gain from the hand of rapine is not good, gain from heaven's hand is far better : ' while other maxims of virtue and prudence are intermixed, against violations of social and family ties, on neighbours, on gifts, on spending and saving, on women and children, ending with the assurance that 'if Perses' heart is set on wealth, he must work, work upon work. From this point the precepts assume a more definite and business-like character in reference to agricultural life. The rising of the Pleiades is the signal for reaping, their setting for ploughing. A man should strip to sow, strip to plough, strip to reap, if he would have every thing come up in its season, and not go begging to his neighbours. 'It was thus that thou camest to me even now : but I will give thee nought ; work, foolish Perses, work the work that the gods have assigned to men, that thou mayest not have to ask from others in vain : twice or thrice thou mayest obtain : but if thou troublest them

further, thou wilt gain nought, and lose many words.' A house, a female slave, an ox, and household stuff are what a man should provide for himself, and that without delay, for delay fills no granaries. The rainy season of autumn is the time when wood is cut best: it is then that the various parts of the plough should be shaped, each from its proper tree. Two oxen nine years old should be chosen for yoking together, and the ploughman should not be under forty years: a younger man is always flying off to his companions. The cry of the crane is the signal for ploughing: before that every thing should be in readiness. 'It is easy to say, Lend me your oxen and your plough: and it is as easy to reply, My oxen have their own work to do.' Slave and master alike should put to their hand, the master guiding the plough, not without prayers to Zeus and Demeter, while the slave a little behind gives trouble to the birds by covering the seed well up. The winter is the time for social meetings: but such things are not for idle waiters on fortune. While it is yet summer, a man should warn his slaves, 'Summer does not last for ever: make barns for the corn.' But all should avoid the wintry sleet, that pierces even the fur of shaggy beasts, the hide of the ox, and the hair of the goat, but cannot reach the sheep through its thick wool, nor penetrate the tender skin of the maiden that sits at home with her mother, or lies warm in bed, well bathed and anointed. Then is the time to go warm clad and thick shod, finish work early, and get home before the storm. At the rising of Arcturus the vines are to be pruned before the swallow appears; but when House-carrier¹ (the snail) leaves the earth and mounts the trees, then the sickle should be sharpened and the slaves called early. 'Morning cuts off a third of the day's work: morning makes way in travelling, and makes way in working—morning, whose dawn sets many a man on his road, and puts the yoke on many an ox.' But when the thistle is in blossom, and the cicada pours its midsummer song from the trees, weary man must look for enjoyment, for a rock to shelter him, milk and wine to drink, and beef and kid's flesh to eat. As soon as Orion rises, the corn should be winnowed: that done, the

¹ *φερτίκος*, one of a number of descriptive adjectives which Hesiod converts into substantives, like Aeschylus' *ἡ ἀμίαντος*, *ἡ ἀνθεμουργός*.

slave should be turned out, and a spinster without a child fetched in, and the watch-dog fastened up for fear of thieves. When Orion and Sirius are in mid-heaven, let the grapes be gathered : when the Pleiades and Hyades and Orion set, it is time to think of ploughing again. But it is a bad time for having a ship at sea, if Perses should think of sailing, as well he may, seeing that his father and Hesiod's sailed from Cyme to Ascra, a bad dwelling-place either in winter or summer, all that he might fly from poverty. For himself, Hesiod owns that he has had no great experience in ships : he has had a single voyage from Aulis to Euboea, when he went to Chalcis and won a tripod with ears there as a singing-prize : still, the Muses have inspired him, and he will give directions about this also. The best season for sailing is at the end of summer, but the mariner must hasten back and avoid the autumn rains : the other time is in spring, when the leaves at the end of the spray have grown to the length of a crow's foot : he will not, however, recommend it, as there is danger, though men persist in braving it, and it is terrible to die at sea. From sailing he passes to marrying, and from marrying to many smaller moralities and decencies of life, his direction about which occupy more than fifty lines, the sum of the whole being a caution to avoid ill report. 'Ill report is a light load to take up, but a heavy one to carry, and a hard one to shake off : for no report dies altogether which has been reported of many people : for it has something of the god in it.' The last series of precepts is about the lucky and unlucky days of the month, which are enumerated with a fulness contrasting strangely with Virgil's brief notice of the subject. 'Different men,' concludes the old bard, 'praise different days, but few have any knowledge : sometimes a day is a stepmother, sometimes a mother : wherefore blessed and happy is he that has knowledge of all, and works his work unblamed by the immortals, distinguishing omens, and avoiding occasions to transgress.'

I have thought it worth while to give this sketch of Hesiod's poem, endeavouring to preserve something of its colour as well as its form, that it may be seen how far removed it stands in its rude simplicity from the pomp and circumstance of later didactic poetry, and how little Virgil understood of his author's genius or

his own when he spoke of himself as singing the song of Ascrea through the towns of Rome. The *Iliad* and *Odyssey*, if modern criticism will allow us to enjoy them in their integrity, might easily be shown to possess most of those requisites which the writer of the *Aeneid* and the grammarians whom he not improbably followed doubtless considered the invariable elements of an epic poem : but even though the *Works and Days* should be judged to have successfully resisted the solvent power of German analysis, its relation as a whole to the *Georgics* must still be regarded as one of contrast rather than of similarity. But where a poet avows himself an imitator, traces of imitation are not likely to be wanting in his work : and though Virgil has not followed Hesiod as closely or as constantly as he has followed Theocritus or Homer, the instances of resemblance between them in points of detail are neither few nor equivocal. Even the pervading philosophy, if so it may be called, of the *Works and Days*, the philosophy of labour, reappears, with no perceptible loss of reality, as the animating soul of the *Georgics*, though the plain directness with which it is enforced in the one affords a significant contrast to the artful dexterity with which it is insinuated in the other. The picture of the Five Ages doubtless suggested Virgil's lines on the transition from the reign of Saturn to the reign of Jove, which in their turn supplied some hints to Ovid when he set himself to reproduce the Hesiodic narrative at the opening of his *Metamorphoses*. The story of Prometheus has no counterpart in Virgil, except so far as it may have taught him that an episode may furnish an agreeable relief in didactic poetry, and so have given rise to the narratives which conclude his third and fourth books ; but the moral of the story, the duty of submitting to a dispensation in which those who would live must labour, is identical with the lesson which he draws from his briefer view of the legendary antiquities of his subject. The description of the plough is from Hesiod, though the later poet, in spite of his evident anxiety to attain exactness of detail, does not come up to the fulness of the earlier. The very meagreness of Virgil's paragraph (I 276) about the lucky and unlucky days, whether it be true or no that the precise substance of it is borrowed from another writer, may induce us to

surmise that he would not have given a paragraph to the subject at all, but for his deference to the example of Hesiod. The famous storm-piece in the Georgics was evidently suggested by the winter-piece in the Works and Days, both being introduced to warn the farmer of the dangers to which he is liable in his calling, while each is evidently intended by its author as a specimen of elaborate description, at the same time that it is curious to contrast Virgil's rapid enumeration of the more striking features of the scene, the continuous burst of rain, the levelling of the crops, the swelling of torrent and sea, the flashing of the lightning, the terror of man and beast, the fall of the mountain peak, and the howling of the wind, with the Dutch fidelity of drawing with which Hesiod represented a single point, the effect of the sleet on the animals, how it pierces some and fails to pierce others, and how the wilder sort scud to their dens, like an old man moving on three legs, with his back rather broken than bent, and his head looking down to the ground. Not less instructive is the parallel between the two poets in the lines where they speak of the coming in of the warm weather, 'when lambs and goats are at their fattest, and wine at its mellowest.' Mr. Ruskin might appeal to the sequel of the passage in Hesiod, the wish for a sheltering rock, and wine of Biblos, and a cake raised by yeast, and goat's milk, and the flesh of a cow that has not yet calved, and of firstling kids, as a proof of the utter subordination of any feeling of the picturesque in the early Greek mind to a sense of physical comfort; while it would be only just to note that Virgil, in talking of the pleasure of mid-day sleep, and of the thickness of the shadowing foliage on the mountains, has at any rate omitted the grosser and more purely corporeal accessories of meat and drink. Virgil may be said also to follow Hesiod in his natural calendar, generally fixing the time of the year by the rising or setting of some star, and once or twice noting the return of a season by the return of a bird, such as the stork or the swallow. As in the Eclogues, the stately march of his diction has in it nothing of agricultural simplicity; yet there are instances in which he has imitated the proverbial quaintness of some of Hesiod's sayings, and expressed an epigrammatic precept in language of no less point and terse-

ness. Owing to the nature of the subject, the passages in which Virgil has directly copied Hesiod are almost entirely confined to the first two-thirds of the First Book of the Georgics. We may conjecture that he may have been indebted in later parts of the poem to lost Hesiodic writings, but we shall be conjecturing with few or no data. Enough however has been said to show that if the rural poetry of Virgil bears the impress of a genius unlike that which produced the rural poetry of Hesiod, it is not because the Roman poet made no attempt to model his work on the Greek.

The same good fortune which has preserved to us the most important of Hesiod's agricultural poems enables us to judge also of Virgil's obligations to another writer, whom he has nowhere named or acknowledged. In the *Phaenomena* and *Diosemeia*, or *Prognostics*, of Aratus, we have a specimen of the didactic poetry of the earlier Alexandrian school. Cicero, who translated both works, speaks of him in a well-known passage¹ as a writer who, though ignorant of astronomy, made an excellent poem about the heavenly bodies; and one of the early notices of his life helps us to explain the apparent anomaly by telling us that his *Phaenomena* is a metrical paraphrase of a treatise by Eudoxus, made at the request of his royal patron, Antigonus Gonnatas. He was in fact a metaphrastes, one of a class of writers not uncommon in the later times of Greek literature, who paraphrased the works of other authors, sometimes versifying a prose writer, at others transposing a poet, sometimes turning a hexameter poem into iambics, at others preserving the metre while they altered the words. Sometimes a successful paraphrase became in its turn the subject of metaphrastic ingenuity. Aratus himself was rewritten in iambics by one Marianus, an unwearied writer, who attempted similar reproductions of Theocritus, the *Argonautics* of Apollonius Rhodius, several poems of Callimachus, Nicander's *Theriaca*, and, as Suidas

¹ De Oratore I 16: 'Etenim si constat inter doctos hominem ignarum astrologiae, ornatissimis atque optimis versibus, Aratum, de caelo stellisque dixisse, si de rebus rusticis hominem ab agro remotissimum, Nicandrum Colophonium, poetica quadam facultate, non rustica, dixisse praeclare, quid est, cur non orator de rebus iis eloquentissime dicat, quas ad certam causam tempusque cognorit?'

tells us, many others.¹ Of the two poems now in question, if they are to be regarded as two, and not as one falling into two parts, Virgil has been but sparingly indebted to the first, the plan of the Georgics not leading him to attempt any description of the stars as they appear in heaven, which is the subject of the Phaenomena. But the other work, the Diosemeia, has been laid under heavy contributions, to furnish materials for that account of the prognostics of the weather which occupies the latter part of Virgil's First Book. The very first words of Aratus' poem, οὐχ ὀρέσας, evidently suggested the familiar appeal *nonne vides*, which Virgil, in imitation of Lucretius, introduces more than once in the Georgics. The whole of the prognostics that follow, signs of wind, signs of rain, signs of fair weather, signs from sounds by land or by sea, signs from the flight, the motion, or the cry of birds, signs from the actions of beasts, reptiles, and insects, signs from the flames of lamps, and the appearances on water, signs from the sun and moon at their rising and at their setting, are all given nearly as Aratus has given them, though the manner in which they are dealt with is Virgil's own. We know not how closely Aratus may have followed his original, if indeed he had an original in this as in his other poem; but however much or however little scientific precision may have suffered from his language, which is that of a tolerably successful imitator of the old epic style, somewhat diffuse, but on the whole perspicuous, and not greatly over-wrought, the arrangement of his subject is sufficiently like that which we should expect to see in a prose treatise, so that the charms of variety are occasionally sacrificed to the claims of practical utility, the same thing being mentioned more than once where it happens to belong to more than one cluster of phenomena. But Virgil pushes the right of a poet over his materials far beyond Aratus. He delights in the profusion of picturesque images which is to be found in Aratus' collection of prognostics, and he makes free use of them for his own purposes; but those purposes are rather poetical than properly didactic. If the reader is not wearied, it matters little that he is left in ignorance of part of what it concerned him to know.

¹ See O. Schneider's *Nicandrea* (Leipsic, 1856), p. 202, on which work parts of what follow are based.

Any one who will compare the hundred and fourteen lines in the *Diosemeia*, on the signs given by the moon and the sun, with the thirty-seven in the First Book of the *Georgics* on the same topic, will see at once that the two writers must have proposed to themselves different objects. The first thought of the one was to communicate information ; the first thought of the other was to impart pleasure.

In the case of a third writer whom Virgil is supposed to have imitated, circumstances have been less favourable to us. Quintilian, in the well-known chapter in which he reviews the various authors of Greece and Rome, asks whether Virgil can be called an unsuccessful follower of Nicander. But of Nicander's *Georgics*, which is evidently the work referred to, we possess only fragments ; and these, with the exception of one or two of the least important, relate to any part of the subject rather than to those of which Virgil has chosen to treat—to such trees as the beech, the mulberry, the palm, and the chestnut, to turnips, and gourds, and cabbages, to flowers of all kinds, and to pigeons. We may agree with the last editor of the *Nicandrea*, Schneider, that notwithstanding these specimens of his work, Nicander probably went over much the same ground as Virgil, only taking a more comprehensive view of his subject ; but we have only Quintilian's authority for surmising that the resemblance between the two poems extended beyond the name. Equally tantalizing is the condition of our knowledge about another work by Nicander, the *Μελισσοουργικά*, the title of which promises to throw a flood of light on Virgil's Fourth Book, while the notices of it that have been preserved merely tell us that the author used *θύμος*, thyme, as a masculine noun, that he applied the verb *εὐφορέω*, if the reading is right, to the drones, in what connexion we know not, and that he placed the original birth-place of the bees in Crete, in the days of Saturn—the last point, at any rate, being one in which Virgil may seem to have followed his example. But if we are ignorant of those works of Nicander about which, as students of Virgil, we should have most wished to be informed, we can at any rate satisfy ourselves as to the general character of the poet by looking at his two extant productions, the *Theriaca* and the *Alexipharmaca*. Like Aratus, he appears to have been a metaphrastes ; like him,

he appears to have been honoured after his death by having his works subjected to the same process which he had tried on those of others ; and he receives from Cicero a similar equivocal compliment, that he had written admirably on agricultural subjects, without ever having had the slightest connexion with agriculture. But though the translator of Aratus includes them in the same eulogy, they appear to have received very different degrees of consideration. One of the points on which the latest editor of Nicander has laboured most is to prove that his author was never much read. 'Nicander parum lectus' is a thesis which is dilated on more than once in his Prolegomena. The poet had his metaphrastes ; he had his scholiasts ; he seems even to have had his interpolators ; but he was but little read, even by those who, journeying over the same ground, might have been expected to avail themselves of the notes of a former traveller. Dioscorides, Celsus, Scribonius Largus, Galen, Serenus Sammonicus, Oribasius, Aetius Amidenus, Paulus Aegineta, Theophanes Nonnus, and Ioannes Actuarius, are successively passed under review, to show that they attended to Nicander very slightly or not at all. Nor can it be said that he is likely to receive from modern readers the favour which was denied him by those who approached more nearly to his own time. The interest which attaches to him is purely historical and philological. He is supposed to have lived ninety years after Aratus ; and his language shows plain marks of an increasing corruption in taste. He wrote a work on γλώσσαι, and his own poems contain many words which would fall under that category ; terms borrowed from Homer, and used in questionable or altogether unauthorized senses ; terms borrowed from the local usage of the different Greek nations, the Aeolians, the Aetolians, the Ambracians, the Cyprians, the Dorians, the Peloponnesians, and the Rhodians ; terms invented by his own ingenuity, through the process of derivation or composition. The structure of the two poems, so far as I have examined them, seems to be not unlike that which is familiar to the readers of didactic poetry. Each commences with a brief address to the person to whom the poem is inscribed, and a brief statement of the subject, in the one case a description of noxious reptiles, and of the cures for their bites, in the other an account of edible and

potable poisons and their remedies ; each consists of a number of paragraphs of moderate length, apparently bearing a substantial resemblance to one another, connected by modes of transition which are not quite free from sameness, and occasionally relieved by some mythological or geographical notice ; and each ends with a brief reference to the author, whom the person addressed is requested to bear in mind. In the Theriaca there are one or two passages which enable us to compare Nicander more closely with Virgil. The directions in the Third Book of the Georgics to get rid of serpents from the cattle-sheds by fumigation are to be found at the opening of Nicander's poem. Later in the poem occur a few lines on the Chersydros, which have supplied Virgil with the details of his picture of the baleful serpent which haunts the mountain lawns of Calabria. Every reader of the Georgics will recognize¹ the monster that at first under the wide-throated lake wages truceless war with the frogs, but when Seirius dries up the water, and the dregs at the bottom of the lake are seen, appears that moment on land, adust and bloodless, warming his grim form in the sun, and hissing with out-darted tongue makes a thirsty furrow as he goes.

The mention of these metaphrastæ may perhaps indicate the right point of view from which to regard Virgil's own work. Their characteristic was that they furnished metre and language to matter which had been collected by others ; and any one who will read the Georgics, verifying the references made by the commentators, such as Heyne, to the prose writers on agriculture, will probably agree that this is substantially what Virgil has done. If he differs from them, it is that he passes from writer to writer, the extent of his subject suggesting that variety which his

¹ ὅς δ' ἦτοι τὸ πρὶν μὲν ὑπὸ βροχθῶδει λίμνῃ
 ἄσπειστον βατράχοισι φέροι κότον· ἄλλ' ὅταν ὕδωρ
 σείριος ἀήνησι, τρύγη δ' ἐν πυθμένι λίμνης,
 καὶ τόθ' ὄγ' ἐν χέρσῳ τελέθει ψαφαρός τε καὶ ἄχρους,
 θάλπωιν ἡλίῳ βλοσυρὸν δέμας, ἐν δὲ κελεύθοις
 γλώσση ποιφύγδην νέμεται διψήρας ὄγμου.

Theriaca, vv. 366-371 (ed. O. Schneider).

I am not sure that I have in all cases rightly interpreted the words, as in a writer like Nicander there is room for considerable differences of opinion : but I have endeavoured to render closely, so as to give some notion of his style.

poetical feeling would lead him joyfully to embrace, that he selects and abridges, instead of simply reproducing, always with a view to poetical effect, and that he is far more partial to digressions and episodes—points of difference which only remove him still further than them from those authors who have written with a practical knowledge. It is certain that he gives few directions in any part of his subject which may not be found in some previous writer; it is, I think, no less certain that he occasionally appears to misapprehend the point of his own precept. The question is one on which I would desire to speak with all the humility of a person professing his own ignorance of agricultural details; but the instances of apparent mistakes which are mentioned from time to time in the notes, many of them pointed out by a commentator who professes to speak as a practical man, Mr. Keightley, seem to show that the supposed reality of the Georgics is as questionable as that of the Eclogues or the Aeneid. It is true that Pliny and, still more, Columella quote Virgil with the respect due to an original authority on matters of agriculture; but we may perhaps see a reason for distrusting their judgments when we consider that both of them have something of the rhetorician in their own composition, and so may be biased in their estimate of an author who, as Columella has expressed it,¹ first gave Roman agriculture the power of song. That Cicero at least would have considered the imputation as no reproach is evident from his language already more than once referred to, where his object is to vindicate for the orator that power of dealing with subjects only studied for the occasion which, he tells us, Aratus and Nicander have successfully asserted for the poet. But whatever may have been the extent of Virgil's special familiarity with agriculture, a criticism which professes to regard the Georgics simply in their poetical aspect may waive the discussion of Virgil's relation to the more practical writers who preceded him, Aristotle, Theophrastus, the earlier authors in the Geoponica, Cato, and Varro, and confine its view to those who, being poets themselves, are likely to have influenced in any way the production of a poem which readers ignorant of the simplest processes of farming may still study with wonder and delight. Of these the last, and

¹ 'Vergilium, qui carminum quoque potentem [agricolationem] fecit.' Col. 1 i 12.

perhaps the greatest, has yet to be noticed. I allude of course to Lucretius.

The poem on the Nature of Things could hardly be overlooked in speaking of the Georgics, even if there were no avowed connexion between the later work and the earlier. Not only is it the single instance of a Latin didactic poem produced by any predecessor of Virgil whose works have come down to us, but it is the only didactic poem of extant antiquity which can be put into comparison with the Georgics for largeness of scope and elaboration of structure. The Works and Days, as I have said, has few of the characteristics of systematic poetry: the poems of Aratus and Nicander embrace each a limited subject, which they handle nearly as it might be handled in a prose treatise. But it is the glory of Lucretius' poem, as it is the glory of the Georgics, that it is founded on a theme which in compass and variety is worthy to be the material of a great work of art, and that it considers that theme with a reference, more or less distinct and unvarying, to its capability of affecting the imagination. The one teaches the laws which govern the universe of nature, that man may cease to quail before an unknown power; the other teaches the appliances by which man may subdue the earth, and live in enjoyment of the simple blessings which nature confers: but both profess to go as deep as life itself, and both seek to impress the mind not only with principles of truth, but with images of beauty. But our interest in the parallel increases when we perceive that there is something in it more than mere coincidence. It is a singular thing that Virgil never mentions by name any of those whom he sets himself to imitate. Even in the Eclogues, where he talks of Pollio and Gallus, of Varius and Cinna,—nay, of Bavius and Maevius, he never names Theocritus, Bion, or Moschus, though we hear of the Sicilian Muses, the verse of Syracuse, and the shepherd of Sicily. In the Georgics he does not name Hesiod otherwise than by glancing at the song of Ascra and the Aonian mount (III 11), while of Nicander and Aratus there is no hint whatever. The whole of the Aeneid passes without the slightest reference to Homer, though we have occasionally a glimpse of Virgil's own personality, and in one passage (IV 471) a distinct mention of

Greek legends as they are treated in Greek tragedy. Thus it need excite no surprise that Lucretius is nowhere named in the *Georgics*, or even indicated by any epithet or circumlocutory expression. But there is one remarkable passage which speaks as plainly to any reader of the *De Rerum Natura*, as if Virgil had talked of Lucretius with the same directness with which Lucretius himself talks of Epicurus, Empedocles, and Anaxagoras. I mean those celebrated lines towards the close of the Second Book, where the poet prays first of all that the charming Muses, whose minister he is for the great love that has smitten him, would admit him of their company, and teach him the courses of the stars in heaven, the various eclipses of the sun, and the agonies of the moon, whence come quakings of the earth, what is the force by which the deep seas swell to the bursting of their barriers and settle down again on themselves, why the winter suns make such haste to dip in ocean, or what is the retarding cause which makes the nights move slowly ;—and then, after adverting to the humbler pleasures of a country life, commemorates the happiness of the man who has gained a knowledge of the causes of things, and so trampled under foot all fears, and fate's relentless decree, and the roar of insatiate Acheron. It is in Lucretius' poem that eclipses, earthquakes, and the varying lengths of days in winter and summer, are discussed and accounted for : it is Lucretius himself who dilates on the beatific vision disclosed to the follower of the Epicurean system, when the terrors of the mind flee away, and the walls of the universe part asunder, and the mansions of the gods appear in calm, unclouded light, but the realms of Acheron are no more seen. Besides this direct recognition, the number of imitations of Lucretius contained in the *Georgics* is very great. Even Forbiger, who had edited Lucretius before he undertook Virgil, though he has gathered a copious harvest, has left some for a casual reader to glean : and I cannot doubt that an attentive student of Lucretius, who could perceive less obvious resemblances, would be able to collect many more. The invocation of Venus is perhaps rather to be contrasted than compared with the briefer addresses to the different rural gods which open the First Book of the *Georgics*, but it seems to have supplied a hint for the

invocation of Bacchus which stands at the head of the Second, while Memmius, allowance being made for the greater diffuseness in which Lucretius throughout indulges, stands in nearly the same relation to the one poem as Maecenas to the other. The narrative of the plague of Athens, with which Lucretius concludes his poem, was obviously the model of the account of the pestilence in Northern Italy at the end of Virgil's Third Book. Nor, while we remark a general similarity in the structure of the paragraphs in which the strictly didactic portion of the two poems is contained, need we pass over the fact that Virgil is indebted to Lucretius for several of the formulae with which he introduces these divisions of his subject—for the 'Principio,' for the 'Praeterea,' for the 'Nunc age,' for the 'Quod superest,' and for the 'Contemplator.'

To inquire into the points of dissimilarity between the *De Rerum Natura* and the *Georgics* is virtually to inquire into the causes which have made the latter uniformly popular, while the former has been comparatively neglected. The answer is not to be found in the difference of their subjects. The materialism of Lucretius is cold and cheerless enough: but the details of ploughing and fallowing, of budding trees and training vines, of fattening bulls and curing sick sheep, are not in themselves more inviting, at least to an unprofessional reader. Nor can it be said that Lucretius fails, where such writers as Aratus and Nicander fail, from inferiority in poetical power. The invocation to Venus, the picture of the old age of the world, the expostulation of nature with the mortal who repines at his mortality, the portrait of the seasons and their attendants, and other passages that might be named, appeal to the imagination perhaps more strongly than any thing which can be adduced from the *Georgics*. But it is the artistic part of poetry—that which I have attempted to characterize in the Introduction to the *Eclogues*—which has the most enduring charm for the generality of readers: and there it is that Lucretius falls short and Virgil succeeds. Lucretius wrote before the modulation of the Latin hexameter was thoroughly understood, before the strength and weakness of the Latin language, 'quid possit oriri, quid nequeat,' had been sufficiently tested. Even in his finest passages the versification is monotonous, the diction cumbrous and diffuse: his lines follow each other with a

certain uniformity, each containing a given portion of the sentence, instead of being fused together into a complex and inextricable harmony : the words are arranged in a prosaic order, adjectives and substantives coming together, though both may be terminated by the same sound : sometimes we are surprised by a new and startling metaphor, sometimes wearied by expressions which appear to be mere surplusage. In Virgil, on the contrary, the imagination may or may not be awakened, but the taste is almost invariably satisfied. The superiority of his versification to that of any earlier author whose works have come down to us is something extraordinary. His lines are as far removed from those of Lucretius or Catullus as Pope's are, I do not say from Dryden's, but from Spenser's. Never harsh or extravagant, his language is at the same time never mean or trivial. The position of his words is a study in itself. Even where he takes a line or phrase from a previous writer, he incorporates it with a skill which, in the absence of evidence to the fact, might make us think that he is not appropriating another's, but reclaiming his own. This difference is still more perceptible in the strictly didactic parts, the staple, in fact, of the two poems. Few of those who read the *De Rerum Natura* read it continuously : few, if any, of those who read the *Georgics* read them in any other way. There is however another aspect in which the advantage is not on the side of Virgil. One great reason why Lucretius is found to be unreadable in his enthusiasm for his subject. Whether he thoroughly understood the Epicurean system is, I believe, doubted by some of those who have most right to raise the question : but no one will say that he did not embrace it with all the burning energy of deep conviction. Admitting the uncongeniality of his subject to Latin verse and its distastefulness to the vulgar, he has good hope that he shall be able to make it palatable to his friend : but he does not avoid philosophical detail for fear of being thought tedious or repulsive. If Memmius is weary, the remedy, he tells him, is not to hear less, but to hear more (I 410-417) :

' Quod si pigris paulumve recesseris ab re,
hoc tibi de plano possum promittere, Memmi ;
usque adeo largos haustus e fontibu' magnis
lingua meo suavis diti de pectore fundet,
ut verear ne tarda prius per membra senectus

serpat, et in nobis vitæ claustra resolvat,
 quam tibi de quavis una re versibus omnis
 argumentorum sit copia missa per auris.'

Virgil is equally conscious of a difficulty, though the manner in which he expresses it, while partially borrowed from another passage in Lucretius, is characteristically different. 'For myself,' he says (G. III 289), 'I too am well assured how hard the struggle will be for language to plant her standard here, and invest a theme so slender with her own peculiar glory: but there is a rapturous charm that whirls me along over Parnassus' lonely steeps; a joy in surmounting heights where no former wheel has worn a way, no easy slope leads down to the Castalian spring.' 'Angustus hunc addere rebus honorem:' such is the object which he proposes to himself: and the way in which he attains it is by keeping out of sight the more prosaic parts of his subject, substituting poetical ornament, as I have said elsewhere, for logical sequence, and too frequently preferring ambiguity to tedious repetition. He had to choose between the farmer and the reader: and in his consideration for the one he has sometimes forgotten the compassion which, at the very outset of his work, he professes to feel for the other.

But the question of the reality of the Georgics does not wholly depend on the value of the work as an agricultural treatise. It may be true that Virgil is an inaccurate farmer's guide, yet true, also, that he is a warm and hearty lover of nature. This is a praise which is usually conceded to the Georgics without hesitation. Horace said that Virgil received the endowment of delicacy and artistic skill from the Muses of the country; and the sentence which, in the mouth of its author, was merely the expression of a fact, has been accepted and repeated in later times as the announcement of a judgment. Now that Virgil has ceased to be regarded as the rival of Homer, it is common to represent him as the poet of rural life, who is to be estimated not by the ambitious task which imperial vanity thrust upon his manhood, but by the more simple and genial works to which he turned of himself in the freshness of youth. Such is the view which is enforced by Mr. Keble in his Lectures on Poetry.¹ That which

¹ Praelationes Academicæ, vol. ii, præll. xxxvi, xxxvii.

especially distinguishes Virgil, it is eloquently maintained, is his ardent and irrepressible love of the country. Not only is it the animating soul of the Eclogues and Georgics, but it haunts him throughout the Aeneid, venting itself in a number of half-melancholy retrospects, and breaking out into 'a thousand similes.' He seems scarcely to wish to make his hero interesting, but he is never tired of illustrating epic situations by the characteristic beauties and delicate proprieties of natural objects. Nay, it is even suggested that the event in his personal history which most markedly connects him with the country, is likely to have had a large share in determining the character of his poetry. Anxiety about the safety of his farm was one of the presiding feelings in the composition of the Eclogues: the tender recollection of the past danger and of the scenes which he may have afterwards revisited hovers over the Georgics: gratitude for the protection extended to him induced him to make a sacrifice of his truer instincts, and undertake the Aeneid.

To attempt a full discussion of this opinion would be obviously presumptuous in one who is conscious of his own deficiency in the power or habit of appreciating external nature, and so is incapable of rightly estimating those descriptive or allusive touches which undoubtedly appear throughout Virgil's poems. Such a one, however, may perhaps be allowed to state his own impression with regard to the prominence of the position which the feeling in question would seem to have occupied in the poet's mind as unfolded in his works. The choice of a subject certainly furnishes a *prima facie* argument that the subject, or something connected with it, has been thought congenial by the chooser, though we must not forget that Virgil himself speaks of kings and battles as having been the object of his first poetical aspirations, referring, so tradition interprets the passage, to an abandoned intention of celebrating the 'Albani patres,' the royal line from which Rome was derived. Again, we may credit the statement of his biographer that his parentage connected him with the country, where his early life was doubtless chiefly passed, at the same time that we see the fact to be susceptible of another use, as showing how he may have been drawn to rural poetry, without having felt a decided love for it. But it is difficult to conceive

that a man in whose mind the ambition of imitation, the charm of recollected reading, and a taste for conventional conceptions filled so large a space can have found his delight and solace, at least to the extent supposed, in sympathy with external nature. The unreality of the pastoral life in the *Eclogues* does not indeed prove the existence of similar unreality in the *Georgics*; but it prepares us to expect it. Probably there is no passage in the *Georgics* in which sympathy with nature is more strongly expressed than that to which I have already adverted, where he contrasts the vocation of Lucretius with his own. He prays that he may delight in the country and the streams that freshen the valleys—that he may love river and woodland with an unambitious love. He sighs for Sperchius and Taygetus, the revel-ground of Spartan maidens, and longs for some one who will set him down in the cool glens of Haemus, and shelter him with the giant shade of its boughs. He talks of the bliss of the man who has won the friendship of the rural gods, Pan and old Silvanus, and the sisterhood of nymphs. He occupies the rest of the book with the praises of the country life, its tranquillity and purity, its constant round of pleasant employments, its old historic and legendary renown. But he has already painted the destiny of a scientific inquirer into nature in colours which can scarcely be intended to be less glowing, and declared that his first love is centred there. The very distinctness with which Lucretius is indicated as the ideal after which he primarily aspires is itself a presumption that the aspiration is in some sort genuine. There is, indeed, something strange and sad, if this were the place to dwell on it, in the spectacle of a man contemplating the Lucretian system and an attempt to realize the old rural belief as two feasible alternatives, and leaving the choice to be determined by his mental constitution: stranger, perhaps, and sadder still, if we suppose him to be using words without a distinct consciousness of their full meaning, and to be thinking really of the comparative aptitude for poetical purposes of the two opposite aspects of nature. But though such a state of mind has no affinity to the terrible earnestness of Lucretius himself, it is not uncharacteristic of a would-be philosopher: while the touch which immediately follows, the praise of a country life as afford-

ing no scope for the pains of pity or of envy, seems to show a lingering sympathy with philosophic doctrine even after he had resigned himself to an unphilosophic life. Nor is this the only passage in which we find traces of a yearning after philosophy as the true sphere of a poet. The song of Iopas in the First Book of the *Aeneid*, where several lines are repeated from the passage we have just been considering, shows that the conception was one which continued to dwell with him through life : the song of Silenus in the sixth *Eclogue* is a witness no less to its early formation. In the latter, as we there saw, a cosmogony which, though not strictly Epicurean, is expressed throughout in Lucretian phraseology, is succeeded by a series of mythological stories, as in Ovid's *Metamorphoses* : but the compromise is merely equivalent to the oscillation of mind shown in the *Georgics*, between the scientific temper that defies death by disbelieving the future and the primitive faith in wood-gods and nymphs. The same feeling shows itself in the scattered hints of a pessimist spirit which appear even on trifling occasions, in the reflection on the unequal struggle between man and nature as exemplified in the sowing of pulse, and the exhortation to the breeder of cattle to take advantage of those bright days of life which are the first to fly. The general impression which we thus gain is singularly confirmed by Virgil's biographer, who tells us, with every appearance of truth, that just before his last illness he had resolved to spend three years abroad in polishing the *Aeneid*, and then, for the rest of his life, to devote himself to philosophy. Such a taste is of course not in itself inconsistent with a love of the external aspects of nature ; but it shows that, in his judgment at least, natural beauty was not his one congenial element, the only atmosphere which could invigorate the pulses and sustain the wings of his fancy. His philosophical aspirations are those of an intellectual amateur rather than of a genuine lover of wisdom : but the temperament which admits of such lukewarm devotion is one which we should expect to find not in the single-minded enthusiast for nature, but in the many-sided cultivator of art.

The *Georgics* have been characterized by Mr. Merivale as the Glorification of Labour. Such epigrammatic judgments are,

from the nature of the case, apt to be too narrow for the facts which they profess to cover : and a reader of Virgil may perhaps be surprised to find an intention attributed to the poet which does not display itself prominently on the surface of the work. Yet I may be allowed to say that my own examination of the poem, extending over a time previous as well as subsequent to the publication of Mr. Merivale's criticism, has led me to believe that the remark is scarcely less true than pointed. Passages may undoubtedly be shown where little or no trace of the feeling appears : but it can be proved to lurk in others where its existence hitherto would seem to have been unsuspected ; nor can I doubt, on the whole, that, as I have said in a former page, it was as strongly present to Virgil's mind as to Hesiod's, though it is certainly not put forth in the same homely plain-spoken manner. So far is the poet from masking the toilsome nature of the task to which he calls the farmer, that he everywhere takes occasion to bring it out into strong light, dwelling on it as in itself a source of enthusiasm, and urging those whom he addresses to spare no pains to make the work thorough. Observe the form into which he throws his very first sentence, as soon as the ceremony of invocation is over, and the practical part of the *Georgics* begun. 'In the dawn of spring, when icy streams trickle melting from the hoar mountains, and the crumbling clod breaks its chain at the west wind's touch, even then I would fain see the plough driven deep till the bull groans again, and the share rubbed in the furrow till it shines.' All that is ornamental, or, as it may be called, poetical in the latter part of the sentence, the deep-driving of the plough, the groaning of the bull, the shining of the share, tends directly to one point, hard and unsparing labour. The same spirit may be discovered in the next sentence, concealed in the single word 'sensit,' which denotes the laying bare, as it were, of the nerve of the soil to the two opposite influences by a thorough ploughing twice in each season. A few lines further on we have a passage which not only enforces strongly the practical duty of work, but states the theological ground (so to name it) on which it rests. 'Remember'—such in effect is Virgil's language—'that the special aptitudes of the soil must be studied. Different regions have different products : corn is more congenial to one, the vine

to another. Such,' he goes on to say, 'is the chain of law, such the eternal covenant, with which nature has bound certain climes, from the day when Deucalion first hurled his stones on the unpeopled globe, stones whence sprung man's race, hard as they.' In the fourth Eclogue he had said that when the golden age of the future should at length be fully consummated, the occupations of the sailor and the farmer would cease together : all lands would produce all things : the ground should not feel the harrow, nor the vineyard the pruning-hook : the sturdy ploughman too (mark the epithet) should at length set his bullocks free from the yoke. But such is not the dispensation under which men now live. The appropriation of certain produce to certain soils is expressly intended to make labour necessary : and the same order of things which ordained labour ordained frames of stone and thews of iron to grapple with it. What is the moral? What, but that man and beast should accept the law of their being, and work with all their might? 'Ergo age,' concludes the poet,

'Ergo age, terrae
pingue solum primis extemplo a mensibus anni
fortes invertant tauri, glaebasque iacentis
pulverulenta coquat maturis solibus aestas.'

The soil is rich (in the supposed case), requiring and repaying work : the bullocks are to be strong : the very line in which they are mentioned labours with the intensity of their exertion, which is to begin with the year itself and to be repeated in the summer : and when the clods have thus been a second time turned up and exposed to the sky, the sun is to perform its part in the great confederacy of toil, darting its meridian beams upon them, and baking them thoroughly till they crumble into dust. Having delivered his precepts for ploughing, fallowing, stubble-burning, harrowing, cross-ploughing, irrigating, and draining, he reflects again on the arduousness of a farmer's duties, and proceeds again to lay a mythological foundation for their support. Following what is apparently a different, if not an inconsistent line of legend, he refers the origin of labour not to Deucalion's time, but to the coming in of the silver age under Jupiter. In Saturn's days mankind had one common stock, and earth yielded every thing freely : Jove was the first to break up the land by human

skill, using care to sharpen men's wits, nor letting the realm which he had made his own grow dull under the weight of lethargy. Then came the divers arts of life: so Toil conquered the world, relentless Toil, and Want that grinds in adversity. The acorns had begun to fail in the sacred forests and Dodona to withhold her sustenance, when Ceres taught men to plough and sow. Soon the corn itself had hardship and sickness laid upon it: those plagues came in which gave the farmer no respite, and, if he relaxes his vigilance, drive him back into a barbarism which resembles the golden age only in what it is without. 'Unless your rake is ever ready to exterminate weeds, your shout to scare away birds, your hook to restrain the shade which darkens the land, and your prayers to call down rain, poor man, you will gaze on your neighbour's big heap of grain with unavailing envy, betake yourself to the woods again, and shake the oak to allay your hunger.' The same indomitable enthusiasm animates the poet, when, with the Second Book, a fresh division of his subject opens upon him. In a second invocation he sees himself and Bacchus as fellow-labourers, taking part in every detail of the vintage. 'Come hither, Father of the winepress! strip off thy buskins, bare thy legs, and plunge them with me in the new must.' He surveys his new province in all its length and breadth; and the result is a fresh access of exulting energy. 'Come then, husbandmen, and learn the culture proper to each according to its kind, and so mellow your wild fruits by cultivation, nor let the ground lie idle. What joy to plant Ismarus all over with the progeny of the wine-god, and clothe the mighty sides of Taburnus with a garment of olives!' No jot of the difficulty is abated or omitted: the objects of labour are mountains, which themselves suggest the notion of an arduous undertaking: but the planting is to be thorough, the clothing entire: and the reward is to be found in the work itself—that the wine-god should be propagated by human aid—that the weaving of so vast a robe should be in human hands. But the poet is a worker too. His task is to instruct the labourer in his manifold duties, and record his manifold triumphs. He has launched his bark, and must perform the voyage; and he calls on his patron to stand at his side, and spread with him

the flying sail over this broad ocean. Again and again in the book we see glimpses of the same unflinching resolution :

‘ terram multo ante memento
excoquere, et magnos scrobibus concidere montis.’

‘ Seminibus positis, superest diducere terram
saepius ad capita, et duros iactare bidentis,
aut *presso exercere solum sub vomere, et ipsa*
flectere luctantis inter vineta iuvencos.’

The ploughing is to be across, as well as up and down the lines of vines. The bullocks may be restiff: the turns may be sharp and awkward: but the work is to be done. So when he passes from the vine, the olive, and the apple and its cognates, to less favoured trees, he seeks to shame the reluctant husbandman into a sense of his duty. ‘I speak of fruit-trees—while the whole forest is teeming with produce, and the haunts of the birds, that know nought of culture, are red all over with blood-dyed berries. The lowly lucerne is food for cattle: the tall grove supplies pine-torches: hence are fed the flames that give us light by night. And are men to hesitate about planting and bestowing their pains?’ ‘Shall nature do her part, and shall not man do his?’ For the Third Book I need only refer to the passage which I instanced in a preceding paragraph—that where he talks of the arduous nature of the work to which he has bound himself, and the joy which for that very reason attends it. As before, he mentions his own labours in connexion with those of the husbandman. ‘Enough of herds: another part of our charge is yet to do, the ceaseless care of the woolly sheep and shaggy goat. Here is a task indeed: here fix your hopes of renown, ye brave sons of the soil.’ The nature of his own exertion is changed: it is not the immensity of his work which he contemplates now, but the resistance to be overcome in expressing a mean subject in the language of poetry: but it is labour still, and it is the effort required that makes him love it. In the Fourth Book, it must be confessed, there seem to be few, if any, touches of this feeling. Yet some may perhaps be inclined to think that it does really appear there, only in another shape. There is no other part of the Georgics where we hear so little of the human labourer. But the pervading atmosphere of the book

is one of labour, from beginning to end. The community which is the subject of the labourer's care is itself a miracle of labour : and the poet for the time is absorbed in it. He gives directions as usual to the husbandman about the position and construction of the hive, the taking of the honey, the remedies for disease, and the like : the cares of a bee-keeper are in some measure illustrated by the elaborate episode in which he tells how the means of producing a new swarm came to be discovered : but his enthusiasm is reserved for the unflagging toil of the bees themselves, for that organized industry to which the superhuman labours of the Cyclopes are supposed to furnish no exaggerated parallel—for that self-sacrificing patriotism which makes them brave death in carrying home their contribution to the common stock of honey. In the exordium of the First Book, at the end of a summary which speaks of nothing but human labour, an epithet is introduced which strikes a chord, as some have thought, out of harmony with the context, by commemorating the frugality of the bee side by side with the weight of experience required for rearing and keeping it. If that epithet was not intended, as it may well have been, to announce to the reader that the poem would treat of bees as fully as of their keepers, it may at least witness to the division of interests even then existing in the poet's mind, and show that in the brief glance with which he took in the whole of his subject, he thought not of man alone, but of all that can combine intelligence with energetic toil.

[DATE OF THE GEORGICS.

THE chronology of the Georgics involves far fewer difficulties than that of the Eclogues. All our evidence agrees in suggesting that they were commenced about 36, shortly after the completion of the Eclogues, and were completed in 29. (1) Suetonius tells us that they were written in seven years and read to Octavian at Atella, that is, just before the great triple triumph of August, 29, and his statement, though questioned by some recent writers, seems quite worthy of credence. (2) It is

supported by internal evidence, which points to a period between 37 (or 36) and 29. The *Portus Iulius* (Georgic II 161) was completed in 37; the line 'hinc movet Euphrates, illinc Germania bellum' (I 509) may possibly refer to the same year, possibly to some later date earlier than 29; the prefaces to the first and third books, and the last eight lines of the fourth book, were plainly written in 30 or 29, while the conclusions of the first two books suit 33 or 32.¹ (3) General probabilities also favour this view. It is natural that the commencement of the Georgics should follow the completion of the Eclogues at no great interval, and Virgil's habits of composition, as Conington observes, required a long period like seven years for the production of a poem like the Georgics. The poem appears to have been written, in part at least, in Campania. The conclusion of the fourth Georgic indicates that about 30 Virgil was residing at Naples: a curious story in Gellius (VI 20) assigns him a villa at Nola and connects with it a line in the second book (II 225). After July, 36, the south of Italy was tranquil enough even for a poet, and the general aspect of the poem is confessedly Campanian. There are, however, a few passages (notably II 197) which remind us of Mantua.

It is probable that an important alteration of the poem was made some years after 29. Servius twice tells us (E. X 1, G. IV 1) that the second half of the fourth book contained the praises of Cornelius Gallus, and that after his death (in 26) Virgil, at the order of Augustus, substituted the story of Orpheus. Gallus was 'praefectus' of Egypt from 30 till 27 or 26, and a panegyric of him, written in 30 or 29, would have found a fit place near the end of the book (compare IV 285), while the episode of Orpheus certainly does not contain the answer which we should have expected Proteus to give to Aristaeus. We may therefore assume the truth of the story of Servius. Whether this alteration was accompanied by changes in other parts of the Georgics,

¹ See also II 171 note. The fact that most of these allusions concern the years B.C. 32-29 has led some recent writers to limit to these years the period during which the Georgics were composed. Wagner deduced this from IV 560 foll., but that, as Conington observed, is to disregard probability without gain from increased strictness of language.

and was in fact part of a new edition, as Ribbeck thinks, is less easy to decide. There is, however, no allusion to any event later than 29 (see III 31), and no real literary evidence of revision: it is, therefore, rash to assume that the alterations made in or after 26 extended beyond the episode of Gallus. It appears equally rash to argue from the instructions left by Virgil to Varius and Tucca (Suet. 40) that the poet did not himself publish his second edition and that Varius and Tucca edited it from his papers: Suetonius plainly implies that the work edited by these two scholars was the Aeneid.]

Scipio in Campania

LIBER PRIMUS.

THE subject of the First Book is the tillage of the ground with a view to crops, chiefly corn. The mention of the uncertainty of the weather at different seasons leads the poet (v. 351) to give a list of the signs of storms and of fair weather, abridged from the *Diosemeia* of Aratus. From this he passes (v. 461) to the signs of the political storm which had broken over Rome, shows that external nature had been no less eloquent there, and prays that Octavian may be spared to save society.

The events mentioned in the concluding lines have usually been considered to point to the earlier part of the period (37-29) during which Virgil is supposed to have composed the *Georgics*, and to the time immediately preceding that period. Mr. Merivale, on the other hand, believes the passage to have been written early in 32, during the general expectation of war between Octavian and Antony. His explanation deserves quoting, both for the ingenuity of the conception and for the rhetorical ability with which it is enforced. 'The prevailing sentiment of gloomy yet vague forboding found expression in the voice of a youthful enthusiast. Cherished by Maecenas, and honoured with the smiles of Octavian himself, Virgil beheld in the sway of the chief of the Romans the fairest augury of legitimate and peaceful government. With strains of thrilling eloquence not less musical than those with which Lucretius had soared into the airy realms of imagination, he descended to the subject of the hour, and gave words to the thoughts with which every bosom was heaving. He invoked the native gods of Italy, with Romulus and Vesta, guardians of Tuscan Tiber and Roman Palatine, to permit the youthful hero to save a sinking world. He reminded his countrymen of the guilt of their fathers' fathers, which had effaced the landmarks of right, and filled the world with wars and a thousand forms of crime. He mourned the decay of husbandry, the dishonour of the plough, the desolation of the fields: he sighed over the clank of the armourer's forge, and the training of the rustic conscript. It was not the border skirmishes with the Germans or the Parthians that could excite such a phrenzy of alarm: it was the hate of neighbour against neighbour, the impending conflict of a world in arms. The foes of Rome were indeed raging against her, but her deadliest enemy was of her own household. Virgil pointed to the Rhine and the Euphrates, but his eye was fixed upon the Nile.' (Hist. iii 303, ed. 1.) In a note, after quoting vv. 509-511, he adds: 'In the year 37 there was actual warfare on the Rhine and the Euphrates, but at that time there was apparent harmony between the triumvirs, and the prospect at least of universal pacification. On the other hand, in the year 32, there was no apprehension of hostilities on the eastern or the northern frontier, but there was a general foreboding of civil war.' [Mr. Nettleship also referred the passage to the period just before Actium, i.e. approximately to 32. But the language is too vague to justify a positive conclusion; it suggests rather that Virg. had no special circumstances in his mind when he wrote. See the notes, esp. on vv. 509, 510.]

QUID faciat laetas segetes, quo sidere terram
 vertere, Maecenas, ulmisque adiungere vitis
 conveniat, quae cura boum, qui cultus habendo
 sit pecori, apibus quanta experientia parcis,
 hinc canere incipiam. vos, o clarissima mundi 5

1-5. 'Agriculture, the cultivation of vines, the care of cattle and of bees, are my subjects:' a fairly precise enumeration of the matters actually treated in the Georgics, though the subject of Books I and II are indicated poetically rather than fully described.

1. This division of the subjects of Book I seems taken from the title of Hesiod's poem, *Ἔργα καὶ Ἡμίμαι* (Serv.). So II 1, 'Hactenus arvorum cultus et sidera caeli.'

'Laetae segetes' was a common expression; Cic. de Or. III 38, 'gemmae vitis, luxuriam esse in herbis, laetas segetes etiam rustici dicunt,' where it is instanced as a metaphor. Keightley thinks that the physical sense of 'laetus' was the primary one, and that it was thence transferred to the mind; [so Nettleship, Stowasser, and others: Serv. referunt to 'laetamen,' manure].

It is not easy to determine whether 'segetes' refers to land or corn. Columella (II 15) has 'segetes laetas excitare,' which points to the corn: but a few lines above he uses 'segetem' unmistakably of the field where the corn is to be sown. 'Laetas' would apply equally to both (vv. 101, 102).

'Quo sidere' like 'quo signo,' v. 354. Addison (Essay on the Georgics prefixed to Dryden's translation) says that 'Virgil, to deviate from the common form of words, would not make use of "tempore," but "sidere:"' but the stars enter prominently into Virg.'s plan, constituting the shepherd's calendar (vv. 204 foll.).

2. 'Vertere terram' as in v. 147, where 'ferro' is added. 'Vertentes vomere glaebas,' Lucr. I 211. 'Vertere' is used without an ablative by Col. III 13, in conjunction with 'subigere.'

'Maecenas,' to whom the poem is inscribed, as the Works and Days to Perses, the poem of Lucr. to Memmius.

3. 'Cultus' and 'curatio' occur in a similar connexion, Cic. N. D. II 63.

'Habendo pecori,' as we should say, for breeding cattle: nearly equivalent to 'ad habendum pecus,' a common use of the dative with the gerundive, especially in official designations, e.g. 'tresviri agris dividundis.' Madv. §241, obs. 3, §415 obs.

4. 'Experientia,' of the bee-keeper, not of the bees, whose habits are only described incidentally. So IV 315, 316 [where see note, and cp. Stat. Theb. VI 775, 'is vigor ingenio, tanta experientia dextrae est.'—H. N.]. 'Habendis' then will have to be supplied from 'habendo.'

'Parcis' is an ornamental epithet, indicating the bee as it is in itself, not as an object of its keeper's care. It has an appropriateness here, showing that the nature of the bees themselves is a part of the subject of Book IV. Wagn. and Forb. refer it to the difficulty of keeping up the stock of bees. This would agree well with 'habendo,' but the use of 'parcus' would be extremely harsh; it is not supported by III 403 (where the epithet is poetically transferred from the sparer to the thing spared), and the fact itself is disputed by Keightley.

5. 'Hinc incipiam' [as opposed to the Eclogues.—H. N.]. Varro R. R. II 1, proceeds to his subject with the words 'incipiam hinc;' E. VI 41, 'hinc refert,' 'next he sings.' Voss's interpretation of 'hinc' as 'horum partem,' 'ex his,' like τῶν ἀμύθεν, Hom. Od. I 10, as if to show the modesty of the poet, is far less simple and obvious. Pal. originally had 'hic.'

'Incipiam' is rather 'I will undertake' than 'I will begin' (Henry on A. II 13). Keightley comp. Lucr. I 55, 'Disserere incipiam.' The whole exordium may be translated, 'What makes a corn-field smile, what star suits best for turning up the soil and marrying the vine to the elm, what care oxen need, what is the method of breeding cattle, and what weight of man's experience preserves the frugal commonwealth of bees—such is the song I now essay.'

5-42. 'I invoke sun and moon, the powers that give corn and wine, the wood-gods and nymphs, the gods of horses, herds and flocks, the patrons of the olive, the plough, and the forest-trees—in short, every rural power, and especially Caesar, our future deity, who has yet his province to choose. May he, in pity to the husbandmen, begin his reign at once, and accept their homage and mine.

lumina, labentem caelo quae ducitis annum ;
 Liber et alma Ceres, vestro si munere tellus
 Chaoniam pingui glandem mutavit arista,
 poculaque inventis Acheloia miscuit uvis ;
 et vos, agrestum praesentia numina, Fauni, 10
 ferte simul Faunisque pedem Dryadesque puellae :
 munera vestra cano. tuque o, cui prima frementem
 fudit ecum magno tellus percussa tridenti,

5. ['Mundi,' the sky, v. 232, A. IX 328, Munro *Lucr.* I 788.]

6. [Mr. Nettleship, with most recent edd., separates 'mundi lumina,' the sun, moon, and stars, from Liber and Ceres. Con. was inclined to identify them because of (1) the asyndeton, (2) a note in *Macrob. Sat.* I 18, and (3) the fact that Bacchus is sometimes identified with the sun, though Ceres never is with the moon.]

'Lumina': Serv. says: Numina fuit, sed emendavit ipse, quia postea ait, Et vos agrestum praesentia numina Fauni.' Wakefield adopts 'numina'; Wagn. supposes Serv.'s remark to refer to v. 7, where 'numine' is the reading of Med. corr.

'Caelo,' along the sky. [The simple abl. of place where (without 'in' or an adj. like 'totus') is confined in early Latin to a few special uses. It becomes common in Virg. (where it is commoner in *Georg.* and *Aen.* than *Ecl.*), in *Livy*, etc. *Dräger* I 525, *Roby* 1173.]

The sense is parallel to *Lucr.* v 1436 foll., 'At vigiles mundi magnum versatile templum Sol et luna suo lustrant lumine circum Perdocuere homines annorum tempora verti Et certa ratione gererem atque ordine certo.'

7. 'Si' used as frequently in adjurations. The worshipper affects to make the existence of the attributes of the gods dependent on the granting of his prayer. ['Sit' *Med.* originally for 'si.'—H. N.]

8. 'Chaoniam,' a literary epithet: see *E.* I 54. So 'Dodona,' v. 149.

9. 'Pocula,' perhaps of the draught rather than of the cup, as *E.* VIII 28. 'Acheloia' agrees with 'Chaoniam,' as if the poet had meant to represent Epirus and Aetolia as the cradle of the human race. Achelous was said to be the oldest of all rivers, whence the name was frequently put for water in general (*Eur. And.* 166, *Bacch.* 625: see *Macrob. Sat.* v 18). *Hyginus* (*fab.* 274) and *Serv.* have stories connecting the discovery of

wine with the neighbourhood of the Achelous.

11. 'Ferre pedem,' of ordinary motion, *A.* II 756, *Catull.* XIV 21; of dancing, *Hor. Od.* II xii 17, which may be its sense here, as the Fauns in *E.* VI are made to dance. The repetition of 'Fauni' serves to correct the previous verse, where they alone were mentioned. *Keightley* remarks on the union of Italian Fauns with Greek Dryads.

12. 'Munera,' *E.* III 63. 'Tuque' and 'cultor nemorum' may be coupled with the preceding lines, being constructed grammatically with 'ferte pedem,' or a verb may be borrowed from v. 18.

'Prima' is equivalent to 'primum'; this was the first horse produced.

'Frementem,' of a war-horse, *A.* VII 638, XI 599, XII 82.

13. Neptune in Thessaly produced the horse by a stroke of his trident (*Lucan* VI 393, etc.). *Serv.* asserts that he did so in his contest with Minerva about the naming of Athens, and supposes *Virg.* to refer to that. But the ordinary version of the contest ascribes to Neptune the production of a fountain, and this version appears in *Ovid* (*M.* VI 77, 'exiulisse fretum'). The version which introduces the horse is later, [appearing only in *Lactantius*, *Serv.* and late writers (see the quotations in *Stefani*, *Compte Rendu*, 1872, p. 72), and is unknown to art. It probably arose either from a contamination of the Thessalian and Attic legends or from a misunderstanding of some such work of art as the *Kertsch hydria*.] *Serv.* says that in his time various copies here read 'aquam' [and so the *Berne scholia*.—H. N.]

'Fudit' of easy production, as in *Lucr.* v 917, 'Tempore quo primum tellus animalia fudit' (quoted by *Cerda*), which perhaps *Virg.* had in his mind. *Pal.* has 'fundit'; comp. *A.* VIII 141. ['*Ecum*' *Med.*, 'equom' *Pal.* originally.—H. N.]

Neptune; et cultor nemorum, cui pinguia Ceae
 ter centum nivei tondent dumetâ iuveni; 15.
 ipse, nemus linquens patrium saltusque Lycaei,
 Pan, ovium custos, tua si tibi Maenala curae,
 adsis, o Tegeae, favens, oleaeque Minerva
 inventrix, unciue puer monstrator atrari,
 et teneram ab radice ferens, Silvane, cupressum, 20
 dique deaeque omnes, studium quibus arva tueri,
 quique novas alitis non ullo semine fruges,

14. 'Cultor nemorum': Aristaeus (G. IV 315 foll.); he delivered Ceos from drought, and he was honoured there with the attributes of Zeus.

'Cultor' [either (1) cultivator, as Congington thought; or (2) inhabitant: comp. A. III 111, 'Cybelae cultrix,' XI 557, 'nemorum cultrix' (see note), Plaut. Amph. v i 13, Iuppiter 'caeli cultor,' etc. The second explanation is better supported, and comes nearer to the sense 'patron,' which (as Con. says) is here the general sense. Comp. Corpus Inscr. Lat. VII 980, 'dis cultoribus huius loci']

'Cui' implies that the process goes on for him, because he is its patron and author. Comp. II 5; Lucr. I vii 8, 'tibi suavis daedala tellus Summitit flores: tibi rident aequora ponti.'

'Pinguia,' luxuriant. So 'folia pinguis-sima' Pliny XXI 53, 'coma pinguis-sima' Suet. Ner. 20. In Ceos the wild fig-tree was said to bear three times a year, Athen. III p. 77, quoted by Cerda.

15. 'Pascuntur . . . amantis ardua dumos,' III 315. 'Ter centum,' indefinite, like 'trecentae catenae,' Hor. Od. III iv 79 (esp. common in Catullus and Virg.: Wölflin's Archiv ix 189).

['Dummeta' originally Pal.—H. N.]

16. 'Come thou too in thy power from thy forest home and the Lycaean lawns, Pan, tender of sheep, by the love thou bearest thy Maenalus, and stand graciously at my side, god of Tegea.' 'Ipse,' as the great rural god. The line is apparently modelled on Theocr. I 123 foll.; the resemblance would be closer if we were to read 'seu' for 'si' with Schrader; but 'si' is sufficiently defended by v 7. 'Lycaei,' E. x 15.

17. 'Ovium custos,' the shepherd *καρ* *ἔχομεν*. 'Maenalus,' E. VIII 21, x 55.

18. 'Calami, Pan Tegeae, tui,' Prop. IV iii 30. For the story of Minerva see v. 13.

19. Triptolemus comes naturally after Minerva, as the legend connected both with Attica. Other stories represented Osiris as the inventor of the plough (Tibull. I vii 29), and this is the view of Serv. here: but 'puer' points to Triptolemus, who appears in [Ovid Met. v 645 and on] works of art as a youth.

'Monstrator': *Μακρι* monstrator iniqui,' Ov. Ibis 399. So 'monstrata piacula,' A. IV 636, the expiations prescribed by the priestess. ['Mostrator' originally Med., and so Ribbeck.—H. N.]

20. Silvanus (E. x 24) is represented in sculpture with a cypress in his hand, and hence called *δενδροφόρος*. His connexion with the cypress is accounted for by the legend of his attachment to Cyparissus (Serv.), an Italianized version of one of the mythes of Apollo.

'Ab radice' with 'ferens,' condensed, as Catullus LXIV 288, 'tulit radicitus.' Serv. mentions a variant 'tenera.'

21. Serv. says that the pontiffs, after invoking the gods whose aid was specially required in the particular case, concluded with a general invocation. The names of some of the rural deities of Italy may be found in Varro, R. R. I 1; others are given by Serv. from Fabius Pictor. Urrsinus quotes Prop. IV xiii 41, 'Dique deaeque omnes, quibus est tutela per agros,' evidently an imitation.

'Studium tueri,' II 195; see note on v. 213. In the case of 'studium' perhaps it is most natural to regard the infinitive as a nominative, and make it the subject of the proposition. But in III 179, 180 'studium' certainly seems to be the subject, 'praelabi' being connected with it, like 'ad bella,' probably in a gerundial construction, as if it had been 'studium bellandi, aut praelabendi.'

22. 'Non ullo' (Med., Serv. and the Berne scholia) was restored by Heins.

quique satis largum caelo demittitis imbrem ;
 tuque adeo, quem mox quae sint habitura deorum
 concilia, incertum est, urbisne invisere, Caesar, 25
 terrarumque velis curam, et te maximus orbis
 auctorem frugum tempestatumque potentem
 accipiat, cingens materna tempora myrto,
 an deus inmensi venias maris, ac tua nautae
 numina sola colant, tibi serviat ultima Thule, 30
 teque sibi generum Tethys emat omnibus undis,

for 'nonnullo,' which is found in Gud. Pier. mentions another reading, 'nullo de;' Rom. unmetrically gives 'non ullo de.'

The abl. is descriptive of 'fruges.' The distinction is a general one between nature and cultivation, not, as in II 10-13, between spontaneous production and production by seed.

24. This invocation of Caesar is probably, as Keightley observes, the first specimen of the kind. It was followed by Lucan and Statius, the former invoking Nero, the latter Domitian.

'Adeo:' see on E. IV 11. 'Mox' has been thought to contain a bad compliment; but the poet's present object is to say that his patron will be deified, not to wish that his death may be delayed. Comp. v 503.

25. 'Concilia' seems to mean merely company or society, as in Cic. Tusc. I 30, 'seclusum a concilio deorum.' 'Of whom we know not in what house of gods thou art in good time to sit.'

'Urbis.' Some understand 'urbis' (genitive) of Rome, and connect 'invisere' with 'curam.' It is more natural to confine 'invisere' to 'urbis,' and make 'curam' the object of 'velis,' as indeed is 'invisere,' rightly regarded. So in Hor. Od. I i 4 'collegisse' is virtually a nominative, and as such is joined with 'meta.' Gell. XIII 21 says that 'urbisne' was found in a copy corrected by Virg.'s own hand, but he regards it as acc. pl.

27. 'Auctorem' has its full etymological force, 'augere' and its cognates being repeatedly used of vegetable growth. 'Ad fruges augendas atque animantis,' Lucr. v 80. [Serv. however and the Berne scholia take it as 'parent, creator:' 'qui frugibus et ceteris rebus originem praestas.'—H. N. In his Contr. to Latin Lexicography, Mr. Nettleship suggests that 'auctor' here =

increaser, from 'augere:' all other uses of 'auctor' he derives from a lost verb, 'augere,' to tell or declare.]

'Tempestatumque potentem' occurs again A. I 80, III 528, where it seems to mean storms rather than, as here, weather generally; but the repetition may teach us that the different meanings are not likely to have been discriminated in Virg.'s mind so sharply as in ours. 'The giver of its increase, and lord of its changeful seasons.'

28. 'Cingens materna tempora myrto,' nearly repeated A. v 72. For the connexion of the myrtle with Venus, see E. VII 62; for that of the Julian family with Venus, E. IX 47. The myrtle coronation seems to be meant as an acknowledgment of royalty.

29. 'Or whether thy coming shall be as the god of the unmeasured sea, the sole power to claim the seaman's homage, with furthest Thule to be thy handmaid, and Tethys buying thee as husband for her daughter with the dower of all her waves.'

'Deus,' the god, not a god, as is shown by 'sola, ultima Thule' (expressing the extent of the dominion) and 'omnibus undis.'

'Inmensi maris,' Lucr. II 590, the ἀπειρῶν πόντος of Homer.

'Venias:' [the idea is the same as 'invisere' and 'accipiat' above. Con. took it = 'become,' but his parallels (Iuv. II 83, VII 29) are erroneous, and there seems to be no real example of 'venio' in this sense.]

30. 'Thule:' [here put for Britain: III 25 note].

31. 'Emat:' so Eur. Med. 234, χρημάτων ὑπερβολῇ Πόσειν πρίασθαι. [Serv. and the Berne scholia notice that Virg.'s use of 'emo' here has intentional reference to the ancient ceremony of 'coemptio.'—H. N.]

anne novum tardis sidus te mensibus addas,
qua locus Erigonen inter Chelasque sequentis
 panditur; ipse tibi iam bracchia contrahit ardens
 Scorpios, et caeli iusta plus parte reliquit; 35
 quidquid eris,—nam te nec sperant Tartara regem,
 nec tibi regnandi veniat tam dira cupido;
 quamvis Elysios miretur Graecia campos,
 nec repetita sequi curet Proserpina matrem—
 da facilem cursum, atque audacibus adnue coeptis, 40
 ignarosque viae mecum miseratus agrestis

32. Caesar is invited to take his place among the signs of the Zodiac, which were identified with living beings.

'Tardis' is generally explained of the summer months, after Manil. II 102, 'cum sol adversa per astra Aestivum tardis attollit mensibus annum.' But it need be only a disparaging epithet, intended to exalt the power of Caesar, who is to speed the year, as Cowley (Davideis, Book I) says, 'The old drudging Sun from his long-beaten way Shall at thy voice start, and misguide the day.'

33. 'Chelas,' *χηλαί*, the claws of the scorpion (Arat. 81, *μεγάλας ἐπιμαίει χηλαίς*), which in early representations of the zodiac occupied the place of a separate sign. So Ov. M. II 195, 'Est locus, in geminos ubi bracchia concavat arcus Scorpios, et cauda flexisque utrimque lacertis Porrigit in spatium signorum membra duorum.' When the Balance was introduced, it was sometimes placed in the Scorpion's claws, as in a sculpture referred to by Heyne. Augustus' birth is said to have taken place under Libra, according to the ordinary computation, and there may be also a compliment intended to the justice of his government. 'Sequentis,' next in order.

34. 'Ipse . . . reliquit,' parenthetical. The scorpion retires of himself, so that the place is in fact ready for Caesar.

'Ardens,' as a star, and also as a poisonous creature.

35. 'Reliquit' (Med., Rom., Gud.) is more forcible than 'relinquit' (Pal. and two of Ribbeck's cursives), expressing further the scorpion's alacrity. Comp. the note on v. 49 below.

'Iusta plus parte:' having formerly taken more than his share, now he is content with less.

36. 'Sperant' (Med., Rom., Pal.) was rightly adopted by Wagn. The sense is, 'The honour is too great for Tartarus to hope; and you cannot be so desirous of empire on any terms as to wish to be king there.' 'Sperant' (Pal. corr., Med. corr.) would create a tautology with the next line. For 'nec' Med. (first reading) has 'ne.'

37. 'Tam dira cupido,' A. VI 373, IX 185, which show that 'dira' merely means intense. The line was not improbably the original of Milton's, 'To reign is worth ambition, though in hell.'

38, 39. Though the Greeks paint glowing pictures of Elysium, and Proserpine shows a preference for the world below over the world above.

40. 'Vouchsafe me a smooth course, and smile on my bold endeavours, and in pity, like mine, for the countryman as he wanders blind and unguided, assume the god, and attune thine ear betimes to the voice of prayer.' The sentence begun v. 24 is here completed.

'Da facilem cursum,' a metaphor from sailing ('cursum dare,' A. III 337). Comp. II 39, where Maecenas is asked to become the companion of the voyage, as Caesar here to be its patron. So Ovid (F. I 3, quoted by Cerda) to Germanicus, 'timidae dirige navis iter.'

'Audacibus,' like 'sanctos ausus recludere fontis,' II 175. Keightley.

41. The ignorance of the husbandmen is involved in the poet's undertaking to enlighten them. If we believe Virg. to have found a special motive for writing his poem in the depressed state of Roman agriculture, there is an allusion to it here. 'Viae,' perhaps with reference to the metaphor of the preceding line. 'Mecum' with 'miseratus.'

ingredere, et votis iam nunc adsuesce vocari.

Vere novo, gelidus canis cum montibus umor
liquitur et Zephyro putris se glaeba resolvit,
depresso incipiat iam tum mihi taurus aratro 45
ingemere, et sulco attritus splendescere vomer.
illa seges demum votis respondet avāri
agricolae, bis quae solem, bis frigora sensit;
illius immensae ruperunt horrea messes.
ac prius ignotum ferro quam scindimus aequor, 50
ventos et varium caeli praediscere morem

42. 'Ingredere.' Comp. A. VIII 513, where Evander invites Aeneas to take command of the Tyrrhenians, and 'Ad-gredere o magnos, aderit iam tempus, honores,' E. IV 48. Caesar then is called upon to enter on his divinity. The other interpretation, explaining the word with reference to 'viae,' 'begin to tread the path,' seems less likely on account of the words that follow, 'votis iam nunc adsuesce vocari.'

'Votis' abl. : see on A. v 234.

43-49. 'Begin to plough as soon as winter is over. A fourfold ploughing will be repaid by an abundant harvest.'

43. Columella (II 2, § 2) tells the farmer not to wait for some fixed day, as the beginning of spring, but to commence operations before the winter is well over, say after the ides of January. 'Gelidus . . . resolvit' give the reason why this is the earliest moment for ploughing.

44. 'Liquitur montibus,' like 'liquuntur rupibus amnes,' II 185.

'Zephyro' is the agent by whose help the liberation takes place. Emm. well comp. II 330, 'Zephyrique tepentibus auris Laxant arva sinus,' Hor. Od. I iv 1, 'Solvitur acris hiemps grata vice veris et Favoni,' Stat. Theb. IV 1. 'Tertius horrentem Zephyris laxaverat annum Phoebus.'

45. The adjuncts 'depresso,' 'ingemere,' 'attritus,' 'splendescere,' imply that the ploughing is to be thorough. So 'fortes invertant tauri,' v. 65. The language of the first clause is borrowed from Lucr. v 209, 'vis humana . . . valido consueta bidenti Ingemere, et terram pressis proscindere aratris.'

'Taurus' here and elsewhere for 'bos' or 'juvencus.' The ancients never ploughed with bulls, any more than the moderns.

46. Serv. quotes from Cato's discourse

to his son, 'Vir bonus est, M. fili, colendi peritus, cuius ferramenta splendent.' The notion here may be of rubbing off the rust of winter. Med. (second reading and one or two others have 'vomis,' [and Serv. and the Berne scholia remark on the double form of the nom.—H. N.]

47. 'Respondet': see II 64 note.

47, 48. The common practice was to plough three times, in spring, summer, and autumn; where the soil was strong there was another ploughing in the autumn of the previous year. So Pliny explains the passage (XVIII 181), 'quarto seri sulco Vergilius existimatur voluisse, cum dixit, optimam esse segetem, quae bis solem, bis frigora sensisset.' Heyne comp. Theocr. XXV 25, τριπλόου σπόρον ἐν νουσίῳν Ἔσ' ὄτε βάλλοντες καὶ τετραπλόουσαν ὁμοίως.

'Sensit' refers to the effect of the ploughing, after which the land would be more alive to feel the hot and cold seasons. 'Seges' is the land.

49. 'Illius,' segetis.

'Ruperunt horrea': 'burst at once,' the perf. expressing instantaneous action, as in I 330, II 81. It would be equally possible, though less forcible, to render the perfect 'have been known to burst.' [Comp. IV 43, 213, notes.]

50-63. 'First however understand the nature of the soil and climate. Different soils are adapted to different products, as experience shows. It is nature's law, as old as man's creation.'

50. 'Ac' Med., Rom., Pal.; 'At' Gud. and Ribbeck. [Serv. mentions a variant 'inmensum' (comp. v. 29).—H. N.]

51. The same question is raised by Varro at the outset of his work (I iii 4), and also by Columella (I pref.), who has Virg. in his mind. Lucr. I 296 talks of the 'facta ac mores' of the winds.

cura sit ac patrios cultusque habitusque locorum,
 et quid quaeque ferat regio, et quid quaeque recuset.
 hic segetes, illic veniunt felicius uvae ;
 arborei fetus alibi, atque iniussa virescunt 55
 gramina. nonne vides, croceos ut Tmolus odores,
 India mittit ebur, molles sua tura Sabaei,
 at Chalybes nudi ferrum, virosaque Pontus
 castorea, Eliadum palmas Epiros equarum ?
 continuo has leges aeternaque foedera certis 60
 imposuit natura locis, quo tempore primum
 Deucalion vacuum lapides iactavit in orbem,
 unde homines nati, durum genus. ergo age, terrae

52. 'Patrios cultus,' as we should say, the agricultural antecedents of the spot, which is spoken of as if it were a person with ancestors. So 'morem caeli' and 'recuset' imply personifications. The expression then is virtually equivalent to 'proprius cultus,' II 35. Comp. A. I 51, 539 notes. [Prop. IV v 25, 'varium caeli perdiscere morem.'—H. N.]

53. [Plin. N. H. XVIII 170 quotes from Cato, 'oraculum illud : quid quaeque regio patiatur.'—H. N.]

54. 'Veniunt' = 'proveniunt,' II II. Pal. originally had 'hinc—illinc.'

55. With Keightley I have placed a comma after 'alibi,' so as to make 'fetus' and 'gramina' alike subjects of 'virescunt,' which seems appropriate where young trees are spoken of.

56. 'Nonne vides,' a favourite Lucrétian expression. So Aratus opens his *Diosemeia* with *ὄχι ὁράας*.

'Tmolus' is named by no earlier writer than Virg. as producing saffron. The place most famous for saffron was Cilicia, and this may be one of Virg.'s geographical inaccuracies. Later writers who support Virg. (Columella, Solinus, Martianus Capella) probably only copy him. Serv. mentions an alternative, to understand 'croceos odores' of the peculiar smell of Tmolian wine (II 98); but this seems very unlikely. [Ribbeck spells 'Molus,' following Med., etc. : see his *Prol.* p. 447.]

57. 'Mittit,' to Rome. For the indic. see on E. IV 52. Med. corr. [and Seneca *Epist.* LXXXVII 20] have 'mittat ;' Pal. gives 'mittet.' India produced the largest elephants (Pliny VIII 32), whence ivory is called 'Indus dens,' Catull. LXIV 48.

'Molles sua tura Sabaei : ' odores, Quos tener e terra divite mittit Arabs,' Tibull. II ii 4.

58. 'At,' as in II 447, distinguishes one part of an enumeration from another.

'Chalybes,' called *αἰδηροκόρυνοι*, Aesch. *Prom.* 714. 'Nudi' gives the picture of them working in a forge, like the Cyclopes A. VIII 425.

'Virosa castorea' like 'castoreo gravi,' Lucr. VI 794, referring to the strong smell. For the fable and the fact about the beaver, see Mayor on *Juv.* XII 34. The best 'castoreum' was produced in Pontus; an inferior sort in Spain. Strabo III p. 163 Cas.

59. 'The palms of the mares of Elis' for 'the mares which win palms at Elis.' Thus the expression is not quite parallel to 'tertia palma, Diorea,' A. v 339, with which it is commonly compared.

With 'Epiros' comp. III 121, with 'Eliadum,' *ib.* 202. Mares are mentioned as fleetier than horses. 'Apta quadrigis equa,' Hor. *Od.* II xvi 35. But the word may be chosen to indicate Epirus as the breeding country.

60. 'Continuo' connected with 'quo tempore.' 'Foedera' of the laws of nature, as in A. I 62, Lucr. I 586, v 57, 924. Pal. has 'alterna,' an obvious error.

62. Compare E. VI 41.

63. 'Durum genus,' born from the stones. Comp. II 341, Lucr. v 926. The connexion seems to be that the restriction of certain products to certain soils is part of the iron rule of the world, which is now inhabited by men of rougher mould, doomed to labour, and physically adapted to it. Work then, Virg. goes on to say,

pingue solum primis extemplo a mensibus anni
 fortes invertant tauri, glaebasque iacentis 65
 pulverulenta coquat maturis solibus aestas;
 at si non fuerit tellus fecunda, sub ipsum
 Arcturum tenui sat erit suspendere sulco:
 illic, officiant laetis ne frugibus herbae,
 hic, sterilem exiguus ne deserat umor harenam. 70
 Alternis idem tonsas cessare novales,

man and beast, and accomplish your destiny. Contrast E. iv 39, 41, how all countries shall produce all things, and the strength of man and beast no more be put under requisition.

63-70. 'Work then, as soon as weather allows you: plough with your might in spring and cross-plough in summer; that is, where the soil is rich and strong: if it be meagre, a shallow ploughing in September will do.'

64. 'Pingue' emphatic, as v. 67 shows.

65. 'Fortes' emphatic, like 'validis terram proscinde iuvenis,' II 237. The rhythm of the line is obviously intended to suit the sense.

'Iacentis,' upturned by the plough and lying exposed to the sun. The word probably indicates that there should be a second ploughing or cross-ploughing in summer. See on vv. 47, 48, and comp. II 261, 'Ante supinatas Aquiloni ostendere glaebas.' 'Let the clods be exposed for summer to bake them to dust with its full mellow suns.'

['Invertant' Med. originally.—H. N.]

66. 'Maturis' of full midsummer heat; but it seems also to contain the notion of actively ripening. Rom. has 'frugibus,' doubtless from v. 69. Serv. says 'ipsius manu adiectum "maturis solibus,"' referring to some copy supposed to be corrected by Virg. himself.

67. So Col. II 4, 'Graciles clivi non sunt aestate arandi, sed circa Septembres Calendas: quoniam si ante hoc tempus proscinditur, effeta et sine suco humus aestivo sole perurit, nullasque virium reliquias habet.' This September ploughing apparently supersedes both winter and summer ploughing: Col. however adds, that the ploughing must be repeated shortly after, so that sowing may take place at the beginning of the equinoctial rains.

68. 'Non. Septemb. Arcturus exoritur,' Col. I 2.

'Suspendere tellurem,' not 'aratum.'

'Neque enim parum refert suspensissimum esse pastinatum [solum], et, si fieri possit, vestigio quoque involatum,' Col. III 13, who immediately afterwards talks of 'vineam in summa terra suspendere,' as opposed to planting deep. The notion of raising seems to have come from that of holding up in air: comp. A. VII 810, 'fluctu suspensa tument.' [Pallad. I XXI 1, 'stabula ab omni umore suspensa.'—H. N.] At the same time the passages of Col. apparently show that it is not simply i. q. 'tollere,' but implies that the thing is done lightly, perhaps with reference to such phrases as 'suspenso gradu' or 'suspensa manu.'

69. 'Illic' refers to vv. 64-66, 'hic' to vv. 67, 68. 'Laetis,' as the quality of the soil would make the corn luxuriant. Forb. comp. II 251, 'Umida maiores herbas alit, ipsaque iusto Laetior.'

Serv. on 67 says 'Ipsius manu adiecti sunt deletis duobus, quorum alter totus legi potuit, "Illic officiant segetes ne frugibus illis," ex altero hoc tantum "ne deserat umor harenam,"' words which can hardly belong to any passage but the present.

71-83. 'Let your land lie fallow every other season: or change the crops, and so relieve the soil at the same time that you turn it to some account.'

71. 'It can hardly be meant that the land was to be let lie idle an entire year; for in that case there would be only one crop in three years. What he means is, that, after the corn had been cut in the summer, the land was to be let to lie and get a scurf of weeds till the following spring, when they were to be ploughed in,' Keightley. However, on v. 47, he quotes a passage from Simond's Travels in Italy and Sicily, showing that the extreme view of the length of time allowed to elapse between the crops is counted-

et segnem patiere situ durescere campum ;
 aut ibi flava seres mutato sidere farra,
 unde prius laetum siliqua quassante legumen,
 aut tenuis fetus viciae tristisque lupini 75
 sustuleris fragilis calamos silvamque sonantem.

nanced by the present practice at Soiacca in Sicily. 'When the land is manured, which is rarely the case, it yields corn every year, otherwise once in three years: thus, first year corn (fromento); second year fallow, and the weeds mowed for hay; third, ploughing several times, and sowing for the fourth year' (p. 476). Dickson (*Husbandry of the Ancients*, i 444) concludes that fallowing was the rule in Italy. 'When the several authors treat of ploughing, and direct at what seasons this operation should be performed, they have the fallow-land only in view. The seasons of ploughing . . . were in the spring and summer, while the crop was on the ground; for the seed-time was in autumn, and the harvest in the end of summer. The directions given must therefore relate only to the fallow. It would seem that they considered the ploughings given to land that had carried a crop the preceding year, and was immediately to be sown for another, as of so little consequence that it was needless to give any directions about them. From this we may conclude that they considered ploughing and sowing immediately after a crop as bad husbandry, and only to be practised in a case of necessity; or at least that they were of opinion that very little of their land was so rich as to allow this kind of management.' Compare Daubeny's *Lectures* p. 125, [Plin. xviii 137].

'Alternis,' alternately, implying no more than that the husbandman instead of sowing every time is to sow every other time.

'Idem,' as we should say, at the same time, implying that the rules already given do not exhaust the subject. 'Sapienter idem Contrahes . . . vela,' Hor. Od. ii x 22.

'Tonsas,' reaped. 'Colonus agros uberis tondet soli,' Sen. Phoen. 130.

'Novales,' E. 170, note. Here it apparently means fallow-land, the word being used proleptically.

['Tonsis' originally Med.—H. N.]

72. 'Situ': 'Sed nos de agitatione

terrae nunc loquimur, non de situ,' Col. i 2, § 6. Here 'situ' may denote not only repose, but the scurf that forms on things allowed to lie [compare A. vi 462.—H. N.], as 'durescere' seems to mean the physical effect of exposure to the air. [Recent writers on philology, Stolz, de Saussure, etc., seem inclined to connect 'situs' = decay, and perhaps 'sino' and 'desino,' with the Greek *σθίσις* and other words denoting decay.]

73. 'Mutato sidere': wheat would not be sown at the same season as pulse. See vv. 215, 220. 'Sidere' is used strictly, as in v. 1, for the seasons of the year were marked by the constellations. Keightley seems right (after Voss) in supposing these two crops to be sown in the same year, the pulse in spring, the wheat in autumn. Rom. has 'semine.'

'Farra,' properly 'spelt': here probably corn. 'The Romans had some glimpses of the doctrine of the rotation of crops: but it does not appear that any system of culture founded upon this knowledge was in general use among them,' Daubeny, p. 124. [Compare Dict. Antiq. i p. 71 (ed. 3), Plin. xviii 187.]

74. 'The pulse which is luxuriant with quivering pod'—a description of the bean. Plin. xviii 185.

75. 'Tenuis viciae': 'The tare or vetch is called slight because its halm is so slender and its seed so small compared with those of the bean or pea,' Keightley.

'Tristis,' bitter, as in ii 126, [iii 448; Lucr. i 944, iv 125, and often.]

Vetches and lupines were supposed to enrich the land, acting as manure if immediately after they had been cut the roots were ploughed in and not left to dry in the ground. Col. ii 13; Plin. xviii 137, 187.

76. 'Silvam,' like 'calamos,' belongs to 'viciae' and 'lupini,' expressing the luxuriance of the crop. So 'aspera silva,' v. 152, of burrs and caltrops. ['Silva' here, as in vv. 152, 481; ii 17, 207, etc., = bushes, or a bushy growth.—H. N. Contr. to Latin Lex. p. 586.]

urit enim lini campum seges, urit avenae,
 urunt Lethaeo perfusa papavera somno :
 sed tamen alternis facilis labor ; arida tantum
 ne saturare fimo pingui pudeat sola, neve 80
 effetos cinerem immundum iactare per agrps.
 sic quoque mutatis requiescunt fetibus arva,
 nec nulla interea est inaratae gratia terrae. —
 saepe etiam sterilis incendere profuit agros
 atque levem stipulam crepitantibus urere flammis : 85
 sive inde occultas vires et pabula terrae
 pingua concipiunt ; sive illis omne per ignem
 excoquitur vitium, atque exsudat inutilis umor ;

77. The general sense is that the same crop, invariably repeated, will exhaust the soil. Flax, oats, and poppies are specified merely as instances of this rule, though of course they are chosen as significant instances. Virg. then adds that, though this is the tendency of these crops in themselves, it need not be apprehended when they alternate with each other, if only the soil is renovated after each crop by plentiful manuring. This is substantially the interpretation of Wagn., and seems the only satisfactory one.

'Lini:' 'Tremellius obesse maxime ait solo virus ciceris et lini, alterum quia sit salsae, alterum quia sit fervidae naturae,' Col. II 13, who quotes this passage.

78. G. IV 545, 'Lethaea papavera,' where see note; A. V 854.

79. 'Labor' of the field. 'Rotation will lighten the strain.' 'Mox et frumentis labor additus,' v. 150. 'Arida' and 'effetos' are emphatic—after the parching and exhausting effect of each crop. We may render freely 'only think of the dried-up soil, and be not afraid to give it its fill of rich manure: think of the exhausted field, and fling about the grimy ashes broadcast.'

80. 'Pudeat,' because shame restrains men from excess in any thing. Comp. E. VII 44 note. 'lactare' in the same way seems to imply profuseness.

81. [Rom. has 'effectos.'—H. N.]

82. 'Sic quoque' is explained by 'mutatis fetibus.' Rest is gained by a change of crops as well as by leaving the land untilled. Rom. has 'requiescent.'

83. 'Nor is the land meantime, while enjoying its rest, thankless and un-

fruitful, because unploughed.' 'Gratia' is said of land which repays the labour bestowed on it, and restores the seed committed to it with interest. 'Siccum, densum, et macrum [agri genus] . . . ne tractatum quidem gratiam referet,' Col. II 2, § 7. So Martial uses 'ingratus' of a field that does not bear.

'Inaratae terrae,' genitive after 'gratia,' the thanklessness of unploughed land; the thanklessness, as it were, of that which has nothing to be thankful for.

84-93. 'Burning stubble is a good thing, either as invigorating the soil, or as getting rid of its moisture, or as opening its pores, or as acting astringently.'

84. 'Saepe' with 'profruit.' 'Steriles agros' is perhaps rightly explained by Keightley of the lands from which the corn had been carried, and which therefore have nothing but the stubble on them.

85. 'Levem stipulam,' v. 289. Emm. comp. Ov. M. I 492, 'Utque leves stipulae demptis adolentur aristis.' The most common mode of reaping was to cut the corn in the middle of the straw, leaving the rest in the ground; Varro, R. R. I 50. The rhythm again is accommodated to the sense.

86. Daubeny (pp. 91 foll.) accepts all Virg.'s reasons but the last, 'seu durat,' etc., remarking that light and sandy soils are injured by the operation. He adds that the ancients do not seem to have reached the modern practice of burning away the turf, though Virg.'s words would be a good statement of its salutary effects.

88. 'Vitium' as the cold in soils is called 'sceleratum,' II 256.

seu pluris calor ille vias et caeca relaxat
spiramenta, novas veniat qua sucus in herbas ; 90
seu durat magis, et venas adstringit hiantis,
ne tennes pluviae rapidive potentia solis
acrior aut Boreae penetrabile frigus adurat.

Multum adeo, rastris glaebas qui frangit inertes
vimineasque trahit cratis, iuvat arva ; neque illum 95
flava Ceres alto nequiquam spectat Olympo ;
et qui, proscisso quae suscitatur aequore terga,
rursus in oblicum verso perrumpit aratro,

90. 'Spiramenta,' IV 39. So 'spiracula' Lucr. VI 493, 'spiramina' Lucan X 247. 'Qua' follows 'viis' similarly A. V 590. 91. The object of 'durat' seems to be the land itself rather than the pores, 'venas hiantis.' The explanations given are apparently intended to vary according to the different kinds of soil.

92. 'Tennes,' subtle, penetrating. 'Tenuisque subibit Halitus,' II 349. 'Pluviae' is grammatically constructed with 'adurant,' supplied from 'adurat,' which however belongs to it in sense only so far as it contains the general notion of injuring. See on A. II 780. 'Rapidi,' E. II 10.

93. 'Penetrabile : ' 'penetrabile frigus,' Lucr. I 494. ['Penetrabilis' = penetrating. Adjectives in '-bilis' are properly passive, but instances occur with active meaning (as here) throughout literary Latin from Lucr. onwards : a few exx. from Plautus, etc., are disputed (Munro Lucr. I 11 ; Hanssen, Philologus, 1889, 274). This use of 'penetrabilis' recurs A. X 48, and is imitated by Ovid, Martial, Silius, etc.]

'Adurat : ' cold is said to burn both by poets (e.g. Ov. M. XIV 763, 'frigus adurat Poma') and by prose writers, as Tac. A. XIII 35, 'ambusti multorum artus vi frigoris.' Cerdas quotes Aristot. Meteor. IV 5, *καὶν λέγεται καὶ θερμαίνειν τὸ ψυχρόν, οὐχ ὡς τὸ θερμόν, ἀλλὰ τῷ συναγεῖν ἢ ἀντιπεριστάται τὸ θερμόν.* So ἀποκαίεσθαι is used in Theophr. and the Geoponica.

94-99. 'Harrowing is useful, and so is cross-ploughing.'

94. 'Our way, after breaking a field, is to tear it up with a heavy harrow with iron teeth, drawn by two or more horses. The ancients, who were unacquainted with this harrow . . . used to break the clods by manual labour with an implement called a "rastrum," or a "sarculum : "

and then, to pulverize it, the men, or perhaps oxen, drew over it bush-harrows (crates), nearly the same as now in use,' Keightley, who explains 'rastrum' to be a heavy rake, with iron teeth, probably four in number (Cato X).

'Inertes,' helpless, denotes the state of the clods when left to themselves, not unlike 'segnem campum,' v. 72.

95. 'Crates,' v. 166.

96. 'Flava Ceres,' 'rubicunda Ceres,' v. 316, Hom.'s *ξανθή Δημήτηρ*, the epithet here seemingly indicating the nature of the reward.

'Neque—nequiquam,' A. VI 117. Ceres does not regard him vainly, as if she were an idle spectator, or unable to help. So 'respicere' of divine aid E. I 27. Virg. may have thought of Hes. Works 299.

97. Virg. means merely to distinguish the processes of harrowing and cross-ploughing, though he expresses himself as if both were not carried on by the same individual, or applied to the same land. He seems to be enumerating the different parts of cultivation without regard to order, forgetting that he has already recommended cross-ploughing, v. 48. 'Proscindere' is the technical term for the first ploughing, the second being expressed by 'offringere,' the third by 'lirare.'

'Suscitat' is illustrated by 'inertes,' v. 94, and also by 'suspendere,' v. 68. Though in the present tense, it must not be understood as implying that ploughing was to be immediately followed by cross-ploughing, as the two took place at different times ; it merely denotes the husbandman's practice. The 'clods which he turns up he afterwards breaks across.' 'Terga,' of the surface presented by the clods, II 236.

98. ['Oblicum' Pal., 'obliquom' Med. Gud.—H. N.]

exercetque frequens tellurem, atque imperat arvis.

Umida solstitia atque hiemes orate serenas, 100
agricolae; hiberno laetissima pulvere farra,
laetus ager: nullo tantum se Mysia cultu
iactat et ipsa suas mirantur Gargara messis.
quid dicam, iacto qui semine comminus arva
insequitur cumulosque ruit male pinguis harenae, 105

99. 'Exercet': 'paterna rura bobus exercet suis,' Hor. Epod. II 3.

['Frequens,' at his post, a military expression, like 'exercet' and 'imperat.' Cp. Donatus on Ter. Andr. (I i 80) 'frequens: ut miles apud signa,' Cic. Verr. v. 33; Sall. Cat. 18; Paul ex Fest. p. 112 'infrequens: miles qui abest a fuitve a signis.'—H. N.]

'Imperat arvis:' 'ut fertilibus agris non est imperandum, cito enim exhauriet illos non intermissa fecunditas, ita animorum inpetus adsidui labor frangit,' Sen. de Tranq. 15, which however refers to constant sowing (comp. 'imperare vitibus,' to task vines by making them bear, 'imperare voci,' to task the voice by exerting it), rather than as here to constant breaking up the ground. Cic. De Sen. xv 51 says of the earth 'quae nunquam recusat imperium,' and so the author of the lines prefixed to the Aeneid, 'ut quamvis avido parenter arva colono.' Comp. the use of 'subigere' (II 50 note).

100-117. 'Dry winters and wet summers are best for the land. It is well to irrigate the field after sowing; well, too, to let the cattle eat down the young corn, if too luxuriant, and to drain off water when the land is too moist.'

100, 101. Macrobius (Sat. v 20) says that Virg. has followed an old 'rusticum canticum,' 'hiberno pulvere, verno luto, grandia farra, Camille, metes.' Ribbeck imagines that this and the three following lines contain an after-thought of Virg., not harmonized with the context. But it is obvious that the poet, wishing to speak of irrigation and drainage, might naturally begin by speaking of the amount of wet and dry desirable at different seasons: and the form into which he has thrown his remarks is simply due to the liveliness of his fancy. [Plin. xvii 13 refers to the lines without giving Virgil's name, but this hardly proves, as has been suggested, that they are interpolated.]

'Solstitium,' properly of either solstice;

when used alone, restricted to the summer. 'Sic multas hiemes atque octogesima vidit Solstitia,' Juv. iv 92.

102. 'Moesia' (Pal. corr.) is the reading of the older editions: 'Mysia' (Med., Rom., Pal.) is required by the context, being the region of which Gargarus, the highest summit of the range of Ida, forms a part. Both readings are mentioned by Serv. [and the Berne scholia.]

The fertility of Gargarus (or of the lands about it) was proverbial. 'Gargara quot segetes, quot habet Methymna racemos,' Ov. A. A. 1 57. The sense then seems to be, as Heyne takes it, 'Mysia is never so much in its pride, and Gargarus never so marvellously fertile, as in a dry winter,' as if he had said 'Mysia et Gargara se iactant.' 'Cultu' then is not to be pressed, the meaning being merely 'Mysian farming is never so successful,' etc. Wagn. and others adopt another interpretation suggested by Macrobius, 'No Mysian cultivation can equal an ordinary field in a dry winter:' but then 'ipsa suas mirantur Gargara messis' would be very awkwardly expressed. A third way, as Mr. Blackburn suggests, would be to press 'cultu;' Mysia and Gargarus owe their fertility to such seasons far more than to cultivation.

103. Comp. II 82. Probus reads 'iactet—mirentur;' [so Serv. A. I 140.—H. N.]

104. 'Quid dicam,' a form of enumeration, v. 311. 'Qui,' antecedent omitted, as in E. II 71, etc.

'Iacto,' II 317. The metaphor, as Keightley has seen, is from a soldier throwing his lance, and then coming to close quarters sword in hand.

105. 'Ruit,' levels, whereas 'ruam acervos,' Hor. S. II v 22, means to heap up. So 'Sol ruit,' A. III 508, means goes down; 'ruebat dies,' A. X 256, was coming up. The notion of the word seems to be that of violent movement: the direction of the movement depends on the context. ['Ruere harenam' seems to

deinde satis fluvium inducit rivosque recentis,
 et cum exustus ager morientibus aestuat herbis,
 ecce supercilio clivosi tramitis undam
 elicit? illa cadens raucum per levia murmur
 saxa ciet, scatebrisque arentia temperat arva. 110
 quid, qui, ne gravidis procumbat culmus aristis,
 luxuriam segetum tenera depascit in herba,
 cum primum sulcos aequant sata? quique paludis
 collectum umorem bibula deducit harena,

have been the ordinary phrase for 'to level' or 'scatter' sand: Fest. p. 262 Müller 'rutrum tenentis juvenis est effigies in Capitolio ephebi more Graecorum harenam ruentis.'—H. N.]

'Cumulos' seems rightly understood by Dickson (i 518) of the earth at the tops of the ridges, which is brought down by rakes or hurdles on the seed, comparing Col. II 4, § 8, 'inter duos latius distantis sulcos medius cumulus siccam sedem frumentis praebat.' Med. corr. has 'tumulos.'

'Male pinguis,' 'non pinguis,' like 'male sanus' for 'insanus,' Serv. This interpretation gives 'harenae' its ordinary sense, and agrees better, as Wagn. remarks, with what follows, where dry ground requiring irrigation is spoken of. Mr. Long however rendered 'male pinguis' too stiff (comp. II 248), remarking that a very light soil would not have 'cumuli.'

106. "Satis, segetibus, agris satis, id est, seminatis: nam participium est," Serv. ['Recentis,' The MSS. have 'sequentis' (and so Serv.), except Rom. 'fluentes.' Probably 'sequentis' is a misreading of 'recentis' and 'fluentes' a gloss upon that word: Serv. A. VI 635 'recens: semper fluens.'—H. N.]

107. 'Herbis' must mean the blades of corn, not the grass, which would not be growing in a corn-field. With the language comp. E. VII 57, 'Aret ager: vitio moriens sitit aëris herba.'

108. 'Clivosi tramitis,' i.e. 'clivi per quem unda tramitem facit,' 'trames' being used proleptically.

'Ecce' at once gives the picture and expresses the unexpected relief to the soil. 'And when the scorched land is in a glow, and the corn-blades dying—O joy! from the brow of the channelled slope he entices the flood: see! down it tumbles, waking hoarse murmurs among

the smooth stones, and allaying the sun-struck ground as it bubbles on.'

109. 'Elices' is the technical word for drains, and 'aquilices' for men employed to discover water (Serv. and Festus). [Both words are perhaps derived from 'lacio: ' Stolz Hist. Gramm. 414-416.]

'Illa cadens: τοῦ μὲν γε προρέοντος ὑπὸ ψηφίδες ἄρασαι Ὀχλεύονται τὸ δὲ τ' ὤκα καταειβόμενον κελαρῶζει, II. XXI 260.

110. 'Temperat: ' frigidus aëra vesper Temperat,' III 337. Contrast Hor. Od. III xix 6, 'quis aquam temperet ignibus?' where it is the cold that is mitigated.

111. 'Quid, qui' is explained by 'dicam,' v. 104; otherwise the construction might be the same as E. IX 44 (note).

'Gravidis—aristis: ' Cerda comp. Hes. Works 473, ὡδὲ κεν ἀδροσύνη σταχίδες νέουεν ἱραζε.

112. [Cic. De Or. II 23, 'ut in herbis rustici solent dicere, in summa ubertate inest luxuries quaedam, quae stilo depascenda est.'—H. N.] Heyne comp. Pliny XVIII 161, 'Luxuria segetum castigatur dente pecoris in herba dumtaxat: et depastae quidem vel saepius nullam in spica iniuriam sentiunt.' This luxuriance was occasionally corrected by harrowing, 'pectinatio,' Id. ib. 186.

113. 'Sulcos' here are the ridges between the furrows (Dickson i 517 note). —Pal. has or had 'palude.'

114. 'Deducere,' draw off water, v. 269.

'Bibula harena' might be referred with Keightley (and most editors), to the soil from which (local abl.) the water is drawn, called 'harena' with reference to the water. But the scope of the passage seems to require that it should be taken instrumentally, so that it would refer to the drains, which Col. II 2 and others recommend to have half filled with small stones or gravel. Heyne refers to Dickson to show that sand is sometimes

praesertim incertis si mensibus amnis abundans 115
 exit et obducto late tenet omnia limo,
 unde cavae tepido sudant umore lacunae?

Nec tamen, haec cum sint hominumque boumque
 labores

versando terram experti, nihil improbus anser
 Strymoniaeque grues et amaris intiba fibris 120
 efficiunt aut umbra nocet. pater ipse colendi
 haut facilem esse viam voluit, primusque per artem
 movit agros, curis acuens mortalia corda,

mixed with soil in order to absorb moisture, but he does not give the page, and I have not found it. Mr. Blackburn, agreeing generally with Keightley, takes 'harena' in its strict sense, considering 'bibula harena' as an oxymoron, and remarking that he has found it the worst soil to drain. 'Bibulam pavit aequor harenam,' Lucr. II 376.

115. 'Incertis mensibus' is explained of the months when the weather is uncertain, i.e. spring and autumn (comp. vv. 311 foll., Lucr. VI 357-378); here the spring. Forb. comp. Lucan IV 49, 'incertus aër.' The words themselves would more naturally mean 'at uncertain seasons.'—Probus, Inst. I x 4, mentions a reading 'certis.'

116. 'Exit' of a river, A. II 496.

117. 'Sudant umore,' Lucr. VI 943. 'Whence if the water is not drawn off it might rot the plants' (Keightley).

118-146. 'Besides all this, the farmer has many enemies to fight with, birds, weeds, and shade. Such is Jove's ordinance; it was he that introduced labour. Before him men had every thing to their hands, and property was not: he brought in dangers and difficulties, to sharpen human wit: and so inventions and discoveries multiplied, under pressure of want.'

118. 'Boumque labores,' v. 325, 'hominumque urbisque labores,' A. II 284.

119. 'Versare' like 'vertere,' v. 2, with a further notion of frequency.

'Improbis': 'probus' is frequently coupled with 'pudicus' (note on v. 80), expressing the civic virtue of moderation and respect for the rights of others. 'Improbis' denotes the absence of such moderation, and is applied to the wanton malice of a persecuting power, E. VIII 51, to the unscrupulous rapacity of noxious

animals, III 431, A. II 356, etc., and even to things which are exacting and excessive, v. 146 'labor,' A. XII 687 'mons.' Here the goose is characterized as unconscionable, regardless of its own and the farmer's dues. Comp. the use of *ἀναδής*, e.g. of Sisyphus' stone. Of the goose Palladius (I 30) says, 'Anser locis consitis inimicus est, quia sata et morsu laedit et stercore,' the latter charge being, as Martyn observes, a vulgar error.

120. 'Strymoniae:' see on E. I 55. No other writer seems to speak of cranes as enemies to the farmer.

'Intiba' chicory or succory would be injurious, as Turnebus (Advers. XXVII 25) explains, both directly, as a weed, and indirectly, as attracting geese, which are fond of it (Col. VIII 14), 'Amaris fibris' would point to the direct effect; but the words may be ornamental.

121. 'Umbra,' v. 157. E. x 76, 'nocent et frugibus umbrae.'

'Pater ipse:' comp. generally Hes. Works 42 foll., where the difficulties introduced by Zeus are attributed to resentment against Prometheus.

'Ipse' added to the name of a god seems to express dignity, as Wagn. remarks, 'the great Father himself,' though this does not always exhaust its meaning. See on v. 328.

122. 'Per artem,' A. x 135.

123. 'Movit,' II 316. Comp. the use of 'suscito' (v. 97), 'agito,' and note on v. 72.

'Corda,' in older Latin, the intellect. 'Aliis cor ipsum animus videtur, ex quo excordes, vecordes, concordesque dicuntur, et Nasica ille prudens, bis consul, corculum, et Egregie cordatus homo catus Ælii' Sextus, Cic. Tusc. I 9; 'hebeti cognoscere corde,' Lucr. IV 53 (44). [So 'mens,' the intellect, sometimes denotes the emotions, in early and in Augustan Latin.]

nec torpere gravi passus sua regna veterno.
ante Iovem nulli subigebant arva coloni ; 125
ne signare quidem aut partiri limite campum
fas erat : in medium quaerebant, ipsaque tellus
omnia liberius, nullo poscente, ferebat.
ille malum virus serpentibus addidit atris,
praedarique lupos iussit pontumque moveri, 130
mellaque decussit foliis ignemque removit
et passim rivis currentia vina repressit,
ut varias usus meditando extunderet artis

124. This and the last line give the good side of the changes of the silver age ; labour was necessary for the development of man. The old mythology, however, taught that man first deteriorated, and that the need to labour was intended as his punishment.

125. 'Subigebant,' tilled : see II 50 note.

126. 'Ne' is the reading of nearly all MSS. ; one cursive has 'nec,' the reading of the old editions and originally of Heyne ; comp. III 561. Madvig, Excursus 3 on Cic. de Finibus, decides against the possibility of 'nec . . . quidem.'

The sense seems to be : the ground was free not only from breaking up by the plough, but from division by the landmark. The thought will hardly bear to be put into more prosaic shape ; for, though agriculture and property are doubtless connected, Virg. would scarcely speak of the latter as necessarily preceding the former. Ov. M. I 136 postpones the division of the land till the brazen age, cultivation having begun in the silver. 'Signare' may contain a reference to 'assignatio.'

127. 'In medium,' IV 157, A. XI 335 (note), with a view to the common stock. This refers to 'ne signare quidem,' and 'ipsaque tellus' to 'ante Iovem.'

'Ipsaque tellus : καρπὸν δ' ἔφερε ζείδωρος ἄρουρα Αὐτομάτη πολλὸν τε καὶ ἄφθονον,' Hes. Works 118. So even Lucr. II 1159, 'Ipsa dedit dulcis fetus et pabula laeta, Quae nunc vix nostro grandescunt aucta labore,' and v 942.

128. 'Liberius' seems to include both generosity and freedom from constraint. 'Inmetata quibus iugera liberas Fruges et Cererem ferunt,' Hor. Od. III xxiv 12. Heyne.

129. The extinction of the serpent and pacification of the wolf signalize the return of the golden age. E. IV 24, v 60.

'Malum' may be used, as Serv. thinks, because 'virus' is a neutral word for animal fluid : but it seems more obvious to take 'virus' in its ordinary sense, and regard 'malum' as a piece of descriptive simplicity, like 'malos fures,' Hor. S. I i 77.

'Ater' frequently occurs as an epithet of serpents, when it would not be easy to say whether it is to be construed in its primitive sense of black, or its derivative meaning of deadly. In IV 407, where it is applied to a tiger, it means the latter.

130. 'Moveri,' deponent, to swell. To understand it of sailing would anticipate v. 136, as Heyne remarks. Forb. comp. Lucr. v 999 foll., where the sea is described as rising and falling idly so long as there were no ships for it to threaten. But the two passages are contrasted as well as parallel ; what is the second stage with Virg. answers to the normal state with Lucr.

131. 'Mella : ' see E. IV 30, note.

'Ignemque removit : ' κρῖν/ε δὲ πῦρ, Hes. Works 50, who goes on to tell how Prometheus defeated the purposes of Zeus by stealing fire.

132. 'Flumina iam lactis, iam flumina nectaris abant,' Ov. M. I III. 'Passim' goes with 'currentia.'

133. 'Usus : ' see II 22. It is virtually personified, whence 'meditando.'

'Extunderet artis,' IV 315, where 'experientia,' v. 316, answers to 'usus' here. Cerda comp. Hom. Hymn to Hermes, 308, σοφίης ἐκμάσσατο τήχην. Pal. corr. has 'extruderet,' [and Gud. 'extuderet,' i.e. 'excuderet.'—H. N.]

paulatim et sulcis frumenti quaereret herbam,
 ut silicis venis abstrusum excuderet ignem. 135
 tunc alnos primum fluvii sensere cavatas ;
 navita tum stellis numeros et nomina fecit,
 Pleiadas, Hyadas, claramque Lycaonis Arcton ;
 tum laqueis captare feras et fallere visco
 inventum et magnos canibus circumdare saltus. 140
 atque alius latum funda iam verberat amnem,
 alta petens, pelagoque alius trahit umida lina.
 tum ferri rigor atque argutae lammina serrae—

134. 'Paulatim' is illustrated by Lucr. v 1452, 'Usus et igniprae simul experientia mentis Paulatim docuit pedetentim progredientis.' Comp. the following lines, which Virg. doubtless had before him.

We might have expected 'ut' for 'et' here, and 'et' (which is given by Aug.) in the next line: Virg., however, has chosen to vary the expression, coupling a particular fact with a general, and then subjoining a second particular, as a co-ordinate clause with the two.

'Sulcis' seems to mean not *in* but *by* furrows. 'Might get corn by ploughing.'

135. 'Quaerit pars semina flammae, Abstrusa in venis silicis,' A. VI 6. [Serv. quotes 'inter venas saxi' from Claudius Quadrigarius.—H. N.] 'Abstrusum,' by Jupiter. 'Excuderet,' A. I 174.

136. 'Alnos,' growing on the river banks (E. VI 63, note), and thus suggesting the experiment. 'Sensere,' felt the weight of.

137. 'Facere nomen alicui' is a phrase (IV 272), to which 'numeros' is added by zeugma. With the thought comp. Soph. Naup. fr. 2 (Wagn.), ἑφεύρι δ' ἀστρων μίτρα καὶ περιστροφάς . . . Ἄρκτου στροφάς τε καὶ Κυνός ψυχρὸν δύσιν. Still closer, if the parallel be allowed, is Psalm CXLVII 4, 'He telleth the number of the stars: He calleth them all by their names.'

138. For the lengthening 'Pleiadās,' comp. E. II 53 note.

'Hyadas,' A. 1744. 'Lycaonis Arcton;' like 'Scyllam Nisi,' E. VI 74. Ovid connects the three similarly (M. XIII 293), 'Pleiadasque, Hyadasque, immunemque aequoris Arcton.'

'Claram' is emphatic. Aratus (Phaen. 40) speaks of Helice as καθαρή καὶ ἐκφοσασσασθαι ἰσοίμη, Πολλὴ φαινομένη ἑλική πλώτης ἀπὸ νεκτός. The present line is mainly in apposition to 'nomina,' but it

may also refer to 'numeros,' as it is itself an enumeration.

139. The absence of snares is one mark of the return of the golden age, E. v 60. Cerda quotes Soph. Ant. 343 foll., where man is said to show his sagacity by snaring beasts, birds, and fishes.

140. See E. VI 56.

142. The structure of the line shows that 'alta petens' refers to what has gone before. The meaning seems to be that the fisher throws his casting-net as deep as he can, the largest fish, as Mr. Blackburn remarks, lying in the deep pools. The words are elsewhere used of the sea; but they are also applied to shooting into the air (A. v 508, where the structure of the line is the same), and there is no reason why they should not here be used of a river, of which 'altus' is not an uncommon epithet (IV 333). To couple 'alta petens pelagoque,' with Wagn. and Munro, like 'longius ex altoque' III 238, 'extremus galeaque ima' A. v 498, would be, I think, less good. [Serv. recognizes both interpretations.—H. N.]

'Lina' used of a net like *λίνα*. The drag-net is here meant.

143. 'Ferri rigor,' 'ferrum rigidum.' 'Rigor auri solvitur aestu,' Lucr. IV 492. Comp. Id. VI 1011, 'quam validi ferri natura et frigidus horror;' II 410, 'serrae stridentis acerbum Horrorem,' which Virg. may have thought of, as the latter part of the present verse shows. Ov. M. I 141, of the iron age, 'Iamque nocens ferrum ferroque nocentius aurum Proderat.'

'Serrae:' the invention of the saw was attributed to Daedalus (Pliny VII 198), to his nephew (Ov. M. VIII 244, where the hint is said to have been taken from the back-bone of a fish), or to Talus (Sen. Ep. 90).

nam primi cuneis scindebant fissile lignum,—
 tum variae venere artes. Labor omnia vicit 145
 improbus et duris urgens in rebus egestas.
 prima Ceres ferro mortalis vertere terram
 instituit, cum iam glandes atque arbuta sacrae
 deficerent silvae et victum Dodona negaret.
 mox et frumentis labor additus, ut mala culmos 150
 esset robigo segnisque horreret in arvis
 carduus; intereunt segetes, subit aspera silva,
 lappaeque tribolique, interque nitentia culta

144. Jacob Bryant and Heyne thought the line spurious. It is certainly awkward; one might have supposed that cleaving of wood did not go on in the golden age. But Virg. need not have been consistent in his conception of the progress of society. For the diction comp. A. VI 181.

['Primi' 'men of old.'—H. N.]

146. 'Improbis,' v. 119. Emm. comp. Theocr. XXI 1, ἀ πένια, Διόφαντε, μόνα τὰς τέχνας ἔχειται. ['Surgens' Pal. and originally Med.—H. N.]

147-159. 'Agriculture was introduced by Ceres. Even that was afterwards made difficult by diseases in wheat and intrusion of weeds: in fact, the farmer has to use every exertion if he would not submit to failure and hunger.'

147. The sowing of corn has been mentioned (v. 134) as a feature of the silver age; its introduction is here spoken of more at length. 'Ceres,' v. 7.

[The construction of 'instituit' with acc. as well as inf. (as E. II 32, etc.) seems due to the analogy of 'doceo.']

148. 'Glandes atque arbuta' may be the subject of 'deficerent' ('sacrae silvae' being the gen.), or its object. 'Deficere' generally takes an acc. of the person or thing failed or forsaken (as v. 148), not of the thing in which the failure takes place. Varro however, R. R. III 16, has 'deficiant animum,' speaking of bees, and the analogy of 'sufficio' may be urged. Comp. II 520, 'dant arbuta silvae.'

'Sacrae' is explained by 'Dodona.' Comp. II 15, 'nemorumque Iovi quae maxima frondet Aesculus, atque habitae Grai oracula quercus.' The sacredness of the groves recalls the golden age. Virg.'s notion seems to be that in the silver age the supply of acorns was checked, in order that man might be driven to some other food; but here, as elsewhere, he is em-

barrassed by the conflicting views of human degeneracy and human development. Acorns are more naturally the food of savages than the diet of the golden age; and so in Ov. M. I 101 foll., after we have heard that every part of the earth yielded every kind of product freely, it is strange to be told that men in those times lived on arbutes, strawberries, cornels, mulberries, and acorns fallen from the tree. At the end of the present paragraph (v. 159) a meal of acorns is evidently regarded as a relapse into barbarism,—not to dwell on the question how man still has the option of following a diet which since the golden age has been forbidden him.

150. 'Soon however the wheat had plagues of its own.' 'Labor,' of the sufferings of things inanimate, v. 79.

'Ut' may merely denote consequence, as in 'accidit ut'; but the passage will gain force if we suppose it to indicate the will of Jupiter, 'additus ut' implying something like 'edictum est ut.' 'The baleful mildew was bidden to eat the stems, and the lazy thistle to set up its spikes in the fields.'

151. 'Robigo,' mildew, was controlled, according to Italian belief, by a god, 'Robigus,' or a goddess, 'Robigo,' who was propitiated by a special festival, the 'Robigalia.'

'Segnis,' the symbol of inactivity, growing up where the field is left to itself.

152. See on E. v 37 for the belief that these various weeds were really diseases in the wheat. ['Silva:' see v. 76 note.]

153. 'Lappaeque tribolique,' G. III 385. 'Lappae' are 'cleavers, clivers, or goosegrass' (Keightley). 'Triboli,' τριβόλοι, caltrops, so called from their resemblance to the pieces of iron thrown among an enemy's cavalry. 'Lolium tribolique fati-

infelix lolium et steriles dominantur avenae.
 quod nisi et adsiduis herbam insectabere rastris 155
 et sonitu terrebis aves et ruris opaci
 falce premes umbram votisque vocaveris imbrem,
 heu, magnum alterius frustra spectabis acervum
 concussaque famem in silvis solabere quercu.
 Dicendum et quae sint duris agrestibus arma, 160
 quis sine nec potuere seri nec surgere messes:
 vomis et inflexi primum grave robur aratri
 tardaue Eleusinae matris volventia plaustra
 tribulaue traheaeque et iniquo pondere rastris;

gant Triteas messis et inexpugnabile
 gramen,' Ov. M. v 485.

'Nitentia culta' answer, as Keightley
 says, to the 'nitidae fruges' of Lucr. I 252.

154. See on E. v 37.

155. 'Quod nisi,' Madv. § 449. 'Herbam
 insectabere:' comp. 'inexpugnabile
 gramen,' quoted above from Ovid.

'Herbam' is the reading of most MSS.,
 and suits the context better than 'terram'
 (Rom.), which Heyne retained.

156. ['Opaci' overgrown, sunless: A.
 III 508, VI 673, etc.]

'Aves:' 'avidaeque volucres Semina
 iacta legunt,' Ov. l. c.

157. 'Umbram' Non., Serv., Med.,
 Rom., Gud.; 'umbras' Philarg., Aug.,
 Pal. and two cursives.

'Premes,' like 'premant vitem,' Hor.
 Od. I xxxi 9.

'Votis:' vows were paid to Jupiter
 Pluvius (Tibull. I vii 26). There were
 similar invocations at Athens. M. Anton.
 v 7, *εὐχῆ Ἀθηναίων. ἔσον, ἔσον, ὦ φίλε
 Ζεῦ, κατὰ τῆς ἀρούρας τῆς Ἀθηναίων καὶ
 τῶν πεδίων.*

158. This line is modelled on Lucr.
 II 2, 'magnum alterius spectare laborem,'
 and is imitated by Hor. Od. II ii 24,
 'ingentis oculo inretorto Spectat acervos.'
 The sense resembles Hes. Works 394,
*ὡς τοὶ ἕκαστα Ὀρεῖ αἰκῆται· μὴ πως τὰ
 μεταξύ χαρίζων Πρωσσης ἀλλοτριῶς οἴκους
 καὶ μηδὲν ἀνόσσης.* 'Acervum,' v. 185.

159. 'You will end where men began,
 and fall back upon acorns.' Observe 'in
 silvis,' the scene of wild life, implying a
 contrast to 'in arvo.' The thought is not
 unlike Lucr. v 206 foll.

160-175. 'The implements for a farmer
 are ploughs, waggons, thrashing instru-

ments, harrows, baskets, hurdles, and
 fans. The plough has several parts, made
 from the wood of different trees, which
 should be well seasoned.'

160. 'Duris agrestibus,' A. VII 504.

'Arma:' 'Cerealiaque arma,' A. I 177.

161. 'Nec potuere' [could not have
 been.—H. N.].

162. 'Robur aratri,' like 'robur ferri,'
 A. VII 609, Lucr. II 449, 'robur saxi,'
 Lucr. I 882. The expression seems orna-
 mental, not necessarily denoting a heavy
 plough for deep ploughing, which would
 not be suited to all soils. 'Inflexi' is
 explained by vv. 169, 170.

163. 'Tarda' qualifies 'volventia.'
 'Eleusinae matris,' Ceres, introduced
 (like Celesus and Bacchus) to give a re-
 ligious dignity to what might otherwise
 seem trivial. 'Eleusinus novavit poeta
 pro vulgari Ἐλευσίνιος.' Heyne. The
 waggons apparently belong to her as
 goddess of husbandry; the conveyances
 used in the Eleusinian processions were
 not 'plaustra,' but 'tensae.' 'Matris' is
 sufficiently explained by Δημήτηρ, with-
 out referring to the appellation which the
 Italians are supposed to have given to
 their goddesses.

164. 'Tribulum,' τὰ τριβόλα, a 'thresh-
 ing-sledge.' 'Fit e tabula lapidibus aut
 ferro asperata, quae inposito auriga aut
 pondere grandi trahitur iumentis iunctis
 ut discutiat e spica grana,' Varro, R. R.
 I 52, who mentions another kind made
 'ex assibus dentatis cum orbiculis, quod
 vocant postellum poenicum.' One of
 these was perhaps the 'trahea.' 'The
 "tribulum" ("trebbio," It.; "trillo,"
 Sp.) is still used in the East, in Spain,
 and in the south of Italy.' Keightley.

virgea praeterea Celei vilisque supellex, 165
 arbuteae crates et mystica vannus Iacchi.
 omnia quae multo antē memor provisa repones,
 si te digna manet divini gloria ruris.
 continuo in silvis magna vi flexa domatur
 in burim et curvi formam accipit ulmus aratri. 170
 huic ab stirpe pedes temo protentus in octo,
 binae aures, duplici aptantur dentalia dorso.

165. 'Celeus,' Κελεύς, father of Triptolemus and Demophon, and the first priest of Demeter at Eleusis.

'Virgea supellex' seems to include baskets, colanders, etc. (E. II 71, x 71, G. I 266, II 241), as well as hurdles and fan.

166. The winnowing-fan was carried in the Eleusinian processions in honour of Iacchus, the son of Demeter and Zeus, sometimes confounded with Bacchus (E. VI 15, VII 51), sometimes distinguished. Rom. has 'vallus,' which according to Serv. meant the same.

167. Hes. Works, 457, τῶν πρόσθεν μελίτην ἔχμεν οἰκίρια θίσθα. 'Memor' seems a translation of μνησμένος, Id. ib. 422. In the whole passage Virg. probably had that part of Hesiod's poem before his mind. 'Repones,' imperative: E. x 31.

[Pal. originally had 'provissa.'—H. N.]

168. 'If you are destined ('manet') to win and wear the full honours of the divine country.'

'Digna,' 'full,' i.e. glory such as would be worth ambition. Serv. ('si te capit dignitas ruris') explains it 'deemed worthy by you' (comp. 491): Keightley renders 'deserved,' that is, due.

'Divini' is another attempt to revive the sacred associations of rural life. The same tone is perceptible in 'manet.'

169. 'Continuo' is explained by 'in silvis;' [compare I 356 note]. The words can only mean that the young elm while yet in the woods is bent and made to grow in the required shape, whatever may be thought of the possibility of the thing, which Keightley denies.

170. 'Buris,' also 'urvum,' γῆης, the plough-beam. Nothing in our plough exactly answers to it. 'It was a piece of strong wood, naturally or artificially curved, to one end of which was affixed the pole, to the other the "dentale," and into it was morticed the "stiva." It therefore formed the body of the plough,

which from its shape is termed by Lucretius "curvum" [as here]. . . In Virg.'s plough the "buris" is of elm, while in that of Hesiod it is of ilex (πρίνος).' (Keightley.) Daubeny (p. 101), following Seguer, identifies the Virgilian and Hesiodic ploughs with one still used in the south of France under the name of the Herault plough, where there is a 'buris' called 'basse.' Seguer however considers Hesiod's ἄλυμα to be the 'buris,' his γῆης being the 'dentale.'

171. "'Temo," ἄμμος [in Hesiod ἰσοβοεῦς], the pole. The "temo" was part of the plough, as well as of a cart or carriage. The yoke was fastened to the end of it, and by means of it the oxen drew. . . Hesiod (Works 435) says it should be of elm or bay.' Keightley, who remarks that 'protentus' had better be taken as a verb (instead of supplying 'aptatur'), as the 'temo' is not fitted on like the 'aures' and 'dentalia.' But 'aptantur' probably refers to the shaping of the pieces of wood, not to fitting them on to the plough. So A. I 552, 'et silvis aptare trabes.'

'Ab stirpe' is restored by Wagn. from Med. corr. for 'a stirpe;' see E. VIII 41.

172. "'Auris" a mould-board. When the plough was prepared for seed-sowing, the "aures" or "tabellae" (Varro I 29) were put to the "vomer," so that it then resembled our strike furrow plough. Pliny (xviii 180) would seem to speak of only one "auris," but perhaps his words are not to be taken strictly.' Keightley.

"Dentale," ἄλυμα, the share-beam, or share-head, a piece of wood which was fixed horizontally at the lower end of the "buris," and to which the share was fitted. In some cases the "dentale" was itself shod with iron. It is not certain whether it was one solid piece of timber, with a space to admit the end of the "buris," or two pieces fastened on each

caeditur et tilia ante iugó levis altaque fagus
stivaque quae currus a tergo torqueat imos ;
et suspensa focus explorat robora fumus.

175

Possum multa tibi veterum praecepta referre,
ní refugis tenuisque piget cognoscere curas.
area cum primis ingenti aequanda cylindro

side of it and running to a point: the former seems the more probable, and the "duplici dorso" of Virg. may only allude to its position as on each side of the "buris," and its support of the two "aures." The plural "dentalia" is used by this poet in speaking of one plough, but it is probably nothing more than a poetic licence. Hesiod directs the "dentale" to be made of oak. Id. According to Daubeny, the 'dentale' is a share of wood, made double by a share of iron placed over it so as to realize the 'duplex dorsum.'

173. 'Iugum,' ζυγός, yoke, 'a piece of wood, straight in the middle and curved towards the ends, which was attached to the end of the pole of the plough or cart, and went over the necks of the oxen, which drew by means of it. It was by the neck the oxen drew.' Keightley.

174. "Stiva," ἔχι+λη, plough-tail, or handle. The "stiva" was originally morticed into the "buris," but sometimes formed one piece with it. It had a cross piece named "manicula," by which the ploughman held and directed the plough.' Keightley.

'Stivaque' is the reading of all MSS. [and of Serv.]. Martyn, followed by Voss, Jahn, Wunderlich, and Schaper, conjectures 'stivae,' which would at once clear up the sense. But the change wants authority, and would not improve the metre, while the MSS. reading is only a poetical way of saying the same thing, by the help of a hendiadys, and is quite in keeping with Virg.'s love of variety of expression. The other alternative, keeping 'stivaque,' is to place the comma after 'fagus,' and take 'que' in 'altaque' as equivalent to 've'—'the light linden-tree or tall beech is cut beforehand for the yoke.' Ribbeck follows Schrader in placing this line before v. 173, an ingenious suggestion, but not to be admitted in Virg. See on IV 203-205.

'Currus' (so the MSS.) is applied naturally to a plough in motion, as in Catull. LXIV 9 to a ship; a plough, that

is, is a species of carriage, containing a 'temo' and a 'iugum' at least. Serv. says that in Virg.'s own parts wheel-ploughs were used; this was the case in Pliny's time (xviii 172) in Gaul, and is still in Lombardy.

175. In Hes. Works XLV 629 the rudder is to be hung in the smoke; in Aristoph. Ach. 279 the shield when war is over. Comp. II 241.

'Explorat' seems to combine the notions of searching (drying) and testing. Before Heins. the reading was 'exploret' (Med. late corr.): but the context is descriptive, not preceptive.

On the whole subject of Virg.'s plough see Keightley's Terms of Husbandry, annexed to his edition, s. v. 'Aratrum,' and Daubeny, Lect. 3.

176-186. 'There are many precepts of husbandry to be learnt; for instance, the threshing-floor should be made thoroughly smooth and hard that it may not gape, and leave room first for weeds and then for animals of all kinds.'

176. 'Possum:' comp. Plaut. Trin. II ii 99, 'Multa ego possum docta dicta et quamvis facunde loqui,' Kritz Sall. C. LI 4, [Cic. de Sen. 24, 55, etc., Roby 1535, Munro Lucr. I 400.]

'Tibi:' Maecenas is addressed throughout as Memmius by Lucr. Keightley well comp. Lucr. I 400, 'Multaque praeterea tibi possum commemorando Argumenta fidem dictis condemore nostris.' Comp. also ib. 410, 'Quod si pigraris, paulumve recesseris ab re.'

177. 'Refugis,' from hearing; A. II 12 from speaking. Observe mood and tense, 'I can repeat . . . but I see you start off.'

178. The chief passages in the writers De Re Rust., referring to the construction of a threshing-floor, are Cato 91, 129, Varro I 51, Col. II 19 (20). A summary of their results is given by Keightley. 'An elevated spot, to which the wind would have free access, was to be selected, but care was to be taken that it should not be on the side from which the wind

et vertenda manu et creta solidanda tenaci,
 ne subeant herbae neu pulvere victa fatiscat, 180
 tum variae inludant pestes: saepe exiguus mus
 sub terris posuitque domos atque horrea fecit;
 aut oculis capti fodere cubilia talpae;
 inventusque cavis bufo, et quae plurima terrae
 monstra ferunt; populatque ingentem farris acervum
 curculio atque inopi metuens formica senectae. 186

usually blew on the house and garden, as the chaff was injurious to trees and vegetables. It was to be circular in form, and elevated a little in the centre, so that the rain might not lie on it. It was sometimes flagged, but was more usually formed of "argilla," with which chaff and "amurca" were well mixed. It was then made solid and level with rammers or a rolling-stone, in order that it might not crack and so give harbour to mice, ants, or any other vermin, and that grass might not grow on it. Beside the "area" was a building named "nubilarium," into which the corn was carried when there appeared any danger of rain or storm. Sometimes the 'area' was covered (Varro l. c.), but generally it was in the open air.

'Cum primis dicebant pro eo quod est in primis.' Gell. xvii 2. The question between 'cum primis' (= 'inter primos') and 'cumprimis' (= 'praecipue') seems really a question as to the words with which 'cum primis' is connected: e.g. in the present line it might be taken with 'area,' or with 'ingenti,' or with 'aequanda.' Here it seems best to refer it to what has gone before, the 'multa praecepta,' of which this that follows is the first.

Pal. has 'cylindro est,' ['est' being added apparently by a second hand.—H. N.]

179. 'Vertenda manu,' as Serv. remarks, really precedes 'aequanda cylindro,' as the preparation of the floor is the first thing. 'Creta,' = 'argilla' as in II 215, as appears from Varro, l. c.

180. 'Pulvere pro siccitate,' Philargyrius, the effect for the cause, if 'pulvere' is taken with 'victa.' But it may be a modal abl. with 'fatiscat' like 'rimis fatiscunt,' A. I 123.

'Fatisco' seems here to have both its original sense of breaking into chinks, and its secondary one of exhaustion. In this latter sense it is joined with 'victus,' as constantly in Lucr. with 'fessus.'

181. 'Inludant:' Pal., Med., Rom.,

Gud.; before Heins. the common reading was 'inludunt' (Med. corr.). 'Mock the threshing floor and the husbandman's labour.' So in II 375 the goats are said to mock the young vine.

'Pestes,' as injuring the floor and annoying the husbandman. 'Exiguius mus:' 'Risimus, et merito, nuper poetam, qui dixerat Praetextam in cista mures rosere Camilli. At Vergilii miramur illud: saepe exiguius mus. Nam epitheton exiguius [aptum, proprium] effecit, ne plus expectaremus, et casus singularis magis decuit, et clausula ipsa unius syllabae non usitata addidit gratiam. Imitatus est itaque utrumque Horatius, Nascetur ridiculus mus.' Quint. VIII 3. [Serv. has the same story.—H. N.]

183. The use of 'talpa' masc., like 'damma,' E. VIII 28, is noted by Quint. IX 3, and Serv.

'Oculis capti:' 'Hannibal . . . quia medendi nec locus nec tempus erat, altero oculo capitur,' Livy xxii 2, [a very common use of 'captus.'] So 'capi,' 'to be injured,' Lucr. V 929, 'Nec facile ex aestu nec frigore quod caperetur, Nec novitate cibi, nec labi corporis ulla.' [Nonius, p. 249, quotes the line, and says 'capere, implicare, impedire.'—H. N.]

184. 'Inventus' is probably the finite verb, not the participle. 'Bufo' occurs nowhere else in the classics.

185. 'Monstra,' used of hateful creatures without reference to size, as in III 152 of the gadfly. 'Populatque ingentem farris acervum,' A. IV 402.

186. "'Curculio,' weevil. This larva is known to be very destructive to corn and flour, but only in the granary. Even with us corn is not left long enough on the barn-floor to be attacked by it.' Keightley. Varro, I 63, says that when weevils begin to devour corn, it should be carried out and placed in the sun, with vessels of water for the weevils to drown themselves in.

contemplator item, cum se nux plurima silvis
 induet in florem et ramos curvabit olentis :
 si superant fetus, pariter frumenta sequentur,
 magnaque cum magno veniet tritura calore ; 190
 at si luxuria foliorum exuberat umbra,
 nequiquam pinguis palea teret area culmos.
 semina vidi equidem multos medicare serentes,
 et nitro prius et nigra perfundere amurca,

'Inopi senectae,' a poetical expression for the winter, the ant being spoken of in human language (Keightley). With the dat. comp. 'metuisse tuis,' A. x 94. It is generally understood that the ancients were in error about the ant, which has no store-houses, and remains torpid during most of the winter. Mr. Blackburn however says that this is not always so, the case depending on climate.

187-192. 'The yield of corn is prognosticated by the walnut. If the tree bears largely, the harvest will be good ; if there are many leaves and little fruit, bad.'

187. A second precept. 'Contemplator,' Lucr. II 114, VI 189. [The form in -tor is generally used when, as here, there is distinct reference to future time.—H. N. Compare Neue-Wagener, *Formenlehre* iii 213-223 (ed. 3); E. III 77, etc.]

'Nux' is generally taken of the almond : so Serv., Isidorus (XVII 7), and Theophract (*Nat. Q.* 17). Martyn and Keightley, however, understand it of the walnut, which is the more usual sense of the word, and agrees with 'olentis.'

'Plurima' with 'induet,' like 'descendet plurimus,' E. VII 60.

188. 'Induet in florem,' like 'induerat in voltus,' A. VII 20 ; 'In fraudem induimus,' Lucr. IV 817.

'Curvabit,' as Wagn. remarks, is not strictly accurate ; branches are weighed down by fruit, not by leaves or blossoms. 'Curvavit' (Med.) arises from a common confusion of the letters 'b' and 'v,' though a quotation in Rufinianus has 'induit—curvavit.' ['Induit' Gud. and Isid. XVII vii 23.—H. N.]

189. 'Superare' of abundance, II 330. 'If a great number of the blossoms set, as the gardeners term it.' Keightley.

190. 'Aestus nimios fore significat, aut calorem dixit festinationem,' Serv. He gives the picture of the 'tritura,' hard work

and a broiling sun : comp. v. 298, III 132 foll.

191. ['Luxuriae,' i.e. 'luxurie,' Rom.—H. N.] 'Foliorum' is emphatic, opp. to 'fetus,' 'umbra' general. 'If the luxuriance of the shade is merely a luxuriance of leaves.' Emm. comp. the word *φυλλομανειν*.

192. 'Nequiquam' with 'teret,' 'pinguis' with 'palea.' Before Heins. the common reading was 'paleae' [which, though mentioned by Philarg., is now found in no good MS.—H. N.]

'Teret area,' v. 298. The 'tritura' was performed sometimes by the trampling of oxen, sometimes by the 'tribulum,' or 'trahea' (see on v. 164), sometimes (Col. II 21) by 'fustes,' flails or sticks. Rom. has 'terit.'

193-203. 'Steeping seed-beans is a plan often pursued, to make the produce larger and easier to be cooked. But the best seeds will degenerate, unless you pick every year. It is the tendency of everything in nature, and only man's most strenuous efforts can counteract it.'

193. A third precept. From vv. 195, 196, it seems that Virg. is speaking of leguminous plants : and so the passage is explained by Pliny, XVIII 157, Col. II 10. But he may be thinking of corn as well, and using pulse only as one instance. See on v. 199. 'Serentes' subst.

194. 'Nitro.' 'The *νιτρον* . . . of the ancients was not our nitre : it was a mineral alkali, carbonate of soda, and was therefore used in washing.' Keightley.

"Amurca," *ἀμόργης*, a watery fluid contained in the olive, of a dark colour, and of greater specific gravity than the oil, which must be carefully separated from it.' Id. ['Amurca' is the true spelling. Serv. says 'amurca per c scribitur, et per g pronuntiatur, ut C. Gaius, Cn. Gnaeus,' so Terentianus Maurus, p. 352.—H. N.]

grandior ut fetus siliquis fallacibus esset, 195
 et, quamvis igni exiguo, properata maderent.
 vidi lecta diu et multo spectata labore
 degenerare tamen, ni vis humana quot annis
 maxima quaeque manu legeret. sic omnia fatis
 in peius ruere ac retro sublapsa referri, 200
 non aliter, quam qui adverso vix flumine lembum
 remigiis subigit, si brachia forte remisit,
 atque illum in praeceps prono rapit alveus amni.

195. 'Siliquis fallacibus:' Forb. comp. Tibull. II i 19, 'Neu seges eludat messem fallacibus herbis,' where both passages seem to be imitated. Here the epithet refers to the general character of the pods of beans, which in this particular case are to be less deceptive than usual.

196. This line was supposed by most of the old interpreters to refer to what follows, as if Virg. meant to say that even slightly boiling seeds, as well as steeping them before sowing, was not sure to be effectual. The present punctuation, introduced by Catrou, has been generally followed since Heyne; it is supported by two writers in the Geoponica, Didymus II 35, and Democritus II 41 (referred to by Keightley), and by Palladius, XII I, who recommend the steeping of beans that they may boil more easily.

'Maeo' is used in the sense of being sodden Plaut. Men. II ii 51, and elsewhere. 'Properata' goes closely with 'maderent,' being nearly equivalent to 'propere.' So 'propera atque elue,' Plaut. Aul. II iii 3 = 'propere elue,' 'properandus et fingendus,' Pers. III 32, 'propere fingendus.'

198. 'Vis humana,' Lucr. v 206, 'Quod superest arvi, tamen id Natura sua vi Sentibus obducit, ni vis humana resistat,' where the pessimist feeling is the same as here.

199. The same precept is given by Varro I 52 with regard to corn; and this may be Virg.'s meaning. So Col. II 9.

'Sic—referri' is not dependent on 'vidi,' but forms an independent sentence. The force of the truth of general decay would be greatly weakened, if it were understood as resting on the poet's individual observation. 'So it is: all earthly things are doomed to fall away and slip back into chaos; like a boatman who is just managing to make head against the

stream, if the tension of his arms happens to relax and the current whirls away the boat headlong.'

200. This line nearly coincides with A. II 169 (note). The metaphor here is explained by what follows; the fates answer to the current, the course of nature to the bark, and human labour to the rower. The general sense is not unlike Bacon's celebrated sentence (Essay 24), 'If time of course alter things to the worse, and wisdom and counsel shall not alter them to the better, what shall be the end?'

Pal. and two cursives have 'et retro.' ['Sublapsa' Med., Pal., Gud.—H. N.]

201-203. The constr. of the sentence is: 'non aliter, quam (retro referitur is) qui . . . subigit, si brachia remisit atque illum,' etc. In such similes Virg. does not introduce an apodosis, but makes the sentence depend on the 'quam' or 'si': A. IV 669, 'non aliter, quam si ruat Karthago flammaque volvantur;' VIII 243, 'haud secus ac si terra reseret et recludat superque pandatur.' So Catull. LXV 23 (here imitated) 'ut malum, dum adventu matris prosilit, excutitur, atque illud prono praeceps agitur decursu.'

['Atque' joins 'rapit' to 'remisit,' according to the above interpretation. Gellius, however (x 29 = Nonius, p. 530), made it = 'statim,' introducing the apodosis to 'si.' This use is found in Plaut. four or five times, Lorenz Mostell. 1050, but hardly anywhere else in Latin. See E. VII 7 note.]

202. 'Subigit,' A. VI 302. ['Subegit,' i.e. 'subigit,' Pal.—H. N.]

203. 'Alveus' the channel of the river, from which it is easy to infer the notion of the current. Otherwise one might [with Nettleship] understand it of the vessel, 'illum' being referred to the rower, though the imitations in Sen. Ag. 497, Hipp. 182, Thy. 438, look the other way.

Praeterea tam sunt Arcturi sidera nobis
 Haedorumque dies servandi et lucidus Anguis, 205
 quam quibus in patriam ventosa per aequora vectis
 Pontus et ostriferi fauces temptantur Abydi.
 Libra die somnique pares ubi fecerit horas,
 et medium luci atque umbris iam dividet orbem,
 exercete, viri, tauros, serite hordea campis, 210

Pal. has 'illum praeceps,' which Ribbeck adopts; Rom. corr. 'prono in praeceps;' [Med. and Gud., supported by Gellius and Nonius, 'in praeceps prono.'—H. N.] Rom. also has 'trahit' for 'rapit.'

204-230. 'The husbandman has as much need to know the stars as the sailor. Sowing barley may begin when the sun is in the Balance, and go on till mid-winter: flax and poppies too. The rising of the Bull is the time for sowing beans, lucerne, and millet. Wheat must not be sown till the Pleiades and Crown are set: to attempt it earlier leads to failure. Vetches, kidney-beans, and lentils may be sown from the setting of Arcturus till mid-winter.'

[For the astronomical details see Dict. Ant. i 228-232, ed. 3.]

204. 'Arcturi,' v. 68, ὑπὸ ζώνῃ δὲ οἱ (βιῶντι) αἰτῶς Ἐξ ἁλλανάρκτουρος ἐλίσσεται ἀμφαδὸν ἀστῆρ, Arat. Phaen. 94. Both the rising and setting of Arcturus are attended with storms. Arcturus says (Plaut. Rud. Prol. 71), 'Vehemens sum exoriens, quom occido vehementior.'

205. The Kids are two stars in the arm of the Charioteer (λεπτά φαίνονται ἔριφοι καρπὸν κατὰ χειρός, Arat. Phaen. 166); they rise April 25th and Sept. 27th-29th. 'Pluvialibus Haedis' A. IX 668.

'Anguis,' v. 244, near the North Pole.

206. 'As useful to the husbandman as to the sailor,' who first gave attention to the stars, v. 137. With the language comp. A. VI 335.

'Vectis' raises a difficulty, as the sailors have not returned home. The words may mean 'whose way home lies over stormy waters,' stress being laid on 'ventosa per aequora,' and the participle perhaps implying that they have sailed home ere now, and so that sailing is their calling. It may be simpler to say that 'vectis' = 'euntibus;' [the use of the past for the pres. part. of deponent or semi-deponent verbs is not uncommon, Madv. 431 b; see below vv. 293, 339, A. V 708, and possibly VI 335].

207. 'Ostriferi . . . Abydi:' 'Ostrea plurima Abydi,' Enn. Hedyph. 2. 'Ora Hellespontia, ceteris ostreosior oris,' Catull. XVIII 4.

208. 'Libra;' see v. 33.

'Die,' the reading of Serv. here and A. I 470 and most MSS., is acknowledged by Priscian, Donatus, and Probus as an old form of the genitive, [was accepted by Caesar de Anal. and occurs fairly often: see Georges, Wortformen]. Rom. and a late correction in Med. give 'diei,' which may be meant for 'dii,' a form introduced by some editors in A. I 636 (note). Charisius, p. 126, 32 K, quotes the line with 'die,' but seems to mention a variant 'dii' (genitive). Gellius (IX 14) says in a copy reputed to be Virg.'s own the reading was 'dies,' which he parallels from Ennius (Ann. 401), 'Postremae longinqua dies conferat aetas.' Wagn. inclines to this, regarding 'dies' however as the acc. pl.

'Pares,' referring to the autumnal equinox. So Lucan VIII 467, 'Tempus erat quo Libra pares examinat horas.'

209. 'Dividet:' Rom., Gud., and another of Ribbeck's cursives, for which Heins. restored 'dividit.' 'Dividit' (Med., Pal.) is preferred by Heins. and Wagn., who adduces passages where 'cum iam' is joined with a present. But the question is not the propriety of the present by itself, but its propriety in combination with 'fecerit,' for which we should have expected 'fecit.' On the other hand, the combination of the fut. ind. with the so-called fut. exactum is not uncommon in Virg.: see on IV 282. In IV 401, 2, 'cum accenderit' and 'cum sitiunt' are not really co-ordinate. Accordingly, I have accepted 'dividet,' though it must be confessed that 'iam,' meaning that the act is just happening, goes better with the present. The confusion of these forms is one of the commonest in MSS.

210. 'Exercete tauros,' plough for sowing.

usque sub extremum brumae intractabilis imbrem ;
 nec non et lini segetem et Cereale papaver
 tempus humo tegere et iandudum incumbere aratris,
 dum sicca tellure licet, dum nubila pendent.
 vere fabis satio ; tum te quoque, Medica, putres 215

211. 'Extremum imbrem' can hardly be the end of the rainy season, for this precept is apparently meant to be parallel to v. 214. Keightley seems right in referring it to the winter, the end of the year, unless we could take it of the beginning of the rainy season, 'the very verge.' 'Intractabilis' like 'non tractabile caelum,' A. IV 53, that cannot be dealt with, or, as we should say, impracticable, i.e. when no work can be done.

212. 'Lini . . . papaver.' See vv. 77, 78. 'Segetem,' proleptic. 'Cereale : ' Ceres was represented with poppies in her hands. She was said to have introduced the poppy, consoling herself with its seeds in her grief for Proserpine, and to have fed Triptolemus upon it.

213. 'Humo tegere,' of sowing ; in III 558 of burying.

A question has been raised whether 'tempus tegere' is to be explained 'tempus est tegendi' or 'tegere (satio) tempus (tempestivum est).' The same difference of opinion exists with regard to other expressions of the same kind. Thus 'modus inserere' (II 73) is resolved by some into 'modus inserendi ;' others make it a construction 'ad sensum,' as if Virg. had said, 'nec solemus inserere uno tantum modo.' So 'Mos est . . . gestare,' A. I 336, may be explained 'mos est gestandi' or 'gestare (gestatio) mos est.' So, again, in A. II 10 'amor cognoscere' opinions waver between taking 'cognoscere' as = 'cognoscendi,' 'amor est cognoscere' as = 'amas cognoscere,' and 'cognoscere' as nom., 'amor' meaning a thing loved. The first thing to remark is that there is nothing unaccountable in the supposition that the infinitive may be used gerundially, i.e. in these instances, stand for a noun in the genitive. The infinitive is equivalent to a noun for almost every purpose ; even where it follows a verb it can be at once resolved into a noun, and we know that it was formerly so regarded in Greek, from the custom of prefixing the article to it. Every solution that has been attempted of the expressions in question involves this substantival use of the infinitive. It would

follow that the construction of the infinitive—in other words, the case of the noun—must be determined in each instance by the structure of the passage. In the expression 'mos est gestare' it is simplest to regard 'gestare' as nominative ; in 'modus inserere,' 'inserere' seems as plainly to be genitive. The present passage and A. II 10 are more doubtful. On the whole, however, the genitive is the more probable construction in each. But it is difficult to say what is absolutely true where, as in all these passages, both alternatives are equally sanctioned by the usages of language, while it might be plausibly argued that the framers of the expression, so far as we can conceive them to have gone to work consciously, may have had both solutions in their mind, and have taken advantage of the ambiguity.

'Iandudum' is explained by the next line, which implies that the time is short, and ploughing should take place without delay. 'Iandudum sumite poenas,' A. II 103.

'Incumbere,' like 'curvus arator,' E. III 42. 'The flax was sown all through October and November, the poppy in September and October. We sow flax only in the spring . . . on account of the severity of our winter.' Keightley.

For 'aratris' Rom., Med. corr. and Pal. corr. give 'rastris ;' but Serv. perhaps read 'aratris,' and the context shows that ploughing is meant.

214. 'Pendent,' because they do not yet come down, 'ruunt.'

215. 'Vere : ' Virg. was thinking of the Mantuan custom (Pliny XVIII 120). In the warmer parts of Italy beans were sown in autumn, as Varro (I 34) and others direct.

'Medica,' Μηδική (πρόα), lucerne, said to have been introduced into Greece in the invasion of Darius (Pliny XVIII 144), was sown in April or May.

'Putres' seems emphatic ; Col. (II 11) says that the land, where it is to be sown, should be ploughed in October, and lie fallow ('putrescere') through the winter.

accipiunt sulci, et milio venit annua cura,
 candidus auratis aperit cum cornibus annum
 Taurus, et averso cedens Canis occidit astro.
 at si triticeam in messem robustaque farra
 exercebis humum solisque instabis aristis, 220
 ante tibi Eoae Atlantides abscondantur
 Gnosiaque ardentis decedat stella Coronae,

216. 'Milio,' millet. 'Annua cura,' to distinguish it from lucerne, which lasted ten years in the ground. Sen., Ep. 86, charges Virg. with inaccuracy, saying that he had himself seen beans reaped and millet sown on the same day towards the end of June. The fact is that the time of sowing varied according to the climate, and Virg. is again speaking of a colder latitude.

217. 'Candidus . . . astro,' a periphrasis for 'vere.' 'In spring time, when the sun with Taurus rides.' The allusion, as Keightley points out, is to the milk-white bulls with gilded horns which appeared in the triumphal processions at Rome, though they did not strictly speaking lead the way (see on II 148).

Whether 'auratis cornibus' is to be taken descriptively with 'taurus,' or instrumentally with 'aperit,' is not clear. The former is maintained by Serv., who observes that the bull rises with his back, not with his horns, and seems more reasonable, as there would be no natural propriety in the image of a bull using his horns to open a gate.

'Aperit' is illustrated by the etymology of 'Aprilis.'

218. The MSS. are [and were in the time of Serv.] divided between 'adverso' (Med.) and 'averso' (Pal., Rom., fragm. Aug., Gud.). [Philargyrius as quoted by the Berne scholia read 'adverso.'—H. N.] 'Averso' was restored by Heins.: 'adverso' was preferred by Heyne and most subsequent editors, except Ribbeck. If 'adverso' is read, 'astro' is probably dative, signifying the Bull, before whose advancing front the Dog retires, though as the reference is to the heliacal setting of Sirius, i.e. his obscuration by the sun, 'astro' has been taken of the sun. 'Averso' would be abl., perhaps abl. abs., expressing the flight of the Dog, whose tail and feet disappear before his head and shoulders. Voss objects that the Dog does not really turn from the

Bull, but confronts him even when retiring. On the whole I have allowed the weight of external authority to decide me in favour of 'averso.' [In his prose transl. Mr. Conington accepted 'adverso.']

219. 'Robusta:' Theoph., Caus. Pl. IV 6, mentions *πυρός ἢ κριθή* among *τὰ ἰσχυρότερα*, and Pliny says (XVIII 83), 'ex omni [frumentorum] genere durissimum far et contra hiemes firmissimum.' [Col. II ix 8.—H. N.]

220. 'Solis,' opposed to the produce just mentioned, vv. 215 foll. 'Instabis aristis,' like 'instans operi regnisque futuris,' A. I 504. 'Press on with an ardour which only corn can satisfy.'

221. 'Atlantides,' the Pleiades, daughters of Atlas. These set 'Eoae,' in the morning, about November 11 according to Pliny II 125, about October 20 according to Col. II 8, XI 2.

[The apparent morning setting of the Pleiades at Rome in Virgil's time was Nov. 8; the apparent evening setting of the Crown was Nov. 9: see Dict. Ant. i 227, 232.]

222. 'Gnosia stella Coronae:' *στρίφανος, τὸν ἀγανὸς ἔθηκε Σίμ' ἱμεναί Διόνησος, ἀποικομένης Ἀριάδνης*, Arat. Phaen. 71. Virg., like Democritus in Geop. II 14 and Ptolemy, places the setting of the Crown between November 15 and December 19. Others (Col. XI 2, etc.) placed its rising about the same time, though earlier (about October 8); Serv. accordingly would understand 'decadat' of retiring from the Sun. Its sense however is fixed by such passages as v. 450, E. II 67. Virg.'s meaning is express, and his error is sufficiently accounted for when its source is pointed out.

'Stella,' perhaps because one star in the Crown is brighter, and rises earlier than the rest: but the distinction between 'stella' and 'sidus' was sometimes overlooked.

['Gnosia' Pal., 'Gnosia' Med., Rom., Gud.—H. N.]

debita quam sulcis committas semina, quamque
 invitae properes anni spem credere terrae.
 multi ante occasum Maiæ coepere; sed illos 225
 exspectata seges vanis elusit arenis.
 si vero viciamque seres vilemque phaselum
 nec Pelusiacæ curam aspernabere lentis,
 haut obscura cadens mittet tibi signa Bootes:
 incipe, et ad medias sementem extende pruinas. 230
 Idcirco certis dimensum partibus orbem
 per duodena regit mundi Sol aureus astra.
 quinque tenent caelum zonæ; quarum una corusco

223. 'Ere you charge the furrows with the seed which they have begun to want, or force the care of a whole year's hopes on a reluctant soil.'

224. 'Invitæ,' like 'properes,' refers in thought, though not grammatically, to the earth *before* the proper sowing-time.

225. 'Maia' was one of the Pleiades.

226. ['Vanis,' empty: Col. II ix 6; Non. p. 416.—H. N.]

For 'arenis' (Pal., Gud.) 'aristis' is found in Med., Rom., fragm. Aug., and Nonius, pp. 301, 416. 'Arenis' is supported by the belief already alluded to on E. v 37, that corn had a tendency to degenerate into wild oats if it lay too long in the ground; 'aristis' may have been introduced from v. 220. Col. (XI 2) mentions an old saying among farmers, 'Maturam sationem saepe decipere solere: seram nunquam quin mala sit.'

228. 'Accipe Niliacam, Pelusia munera, lentem: Vilior est alica, carior illa faba,' Mart. XIII 9.

229. 'Bootes,' v. 204, otherwise called Arctophylax, sets acronychally from October 29 to November 2. Kidney-beans ('phaseli') were sown a month earlier when they were intended for eating, not for seed. Col. XI 2, § 72. Vetches appear to have been sown twice, in January and in the autumnal equinox (Col. II 10). Med. and fragm. Aug. have 'mittit.'

231-251. 'It is to ensure this regular succession of the various seasons that the sun makes his yearly way along the zodiac. There are five zones; one torrid, two frigid, one at each extreme, and two temperate between them and the torrid. Between the temperate zones passes the zodiac. There are two poles, one rising

over our heads, the other extending below into the depths. In the former are placed the Serpent and the Bears; the latter is either in perpetual darkness, or visited by the sun while he is away from us.'

231. Virg.'s meaning is that these various seasons depend in fact on the sun's apparent yearly course in the heavens. 'Certis partibus,' the twelve divisions of the zodiac. 'Orbem:' 'Annuus exactis completur mensibus orbis,' A. v 46.

232. 'Duodena' may, as Forb. thinks, refer to the annual course of the sun, which sees twelve signs in each circuit. But it seems simpler to make it = 'duodecim.'

'Regit,' of directing a way. 'Cur-susque regebam,' A. VI 350, 'Nulla viam fortuna regit,' XII 405.

'Mundi' with 'astra' like 'sidera mundi,' Lucr. I 788, II 328, v 514 [see v. 5].

'Sol aureus:' 'simul aureus exoritur Sol,' Enn. A. 95.

233. This passage down to v. 251 seems to be thrown in to give a notion of the magnitude and fixity of the mundane system. The description of the zones is taken from the Hermes of Eratosthenes, quoted by Achilles Tatius and in part by Heraclides of Pontus. It may be worth while to give it in extenso:

πάντε δὲ οἱ ζώνη περιελάδες ἐσπεύρητο,
 αἱ δύο μὲν γλαυκοῖο κελευντέρω καὶ κνώοιο,
 ἡ δὲ μία ψαφαρή τε καὶ ἐκ πυρός ολον ἐρυθρή.
 ἡ μὲν ἐὼν μεσάτη, ἐκείαυτο δὲ πᾶσα περιπρὸ
 τυπτομένη φλογμοῖσιν, ἐπεὶ βαῖ ἔμοιραν ὑπ'
 αὐτήν
 κεκλιμένην ἀκτίνες ἀιθερίες πυρῶσιν.
 αἱ δὲ δύο ἐκάτερο πόλοισ περιπεπτηναὶ
 αἰεὶ κρυμαλαί, αἰεὶ δ' ὕδασι μούρουσαι'

semper sole rubens et torrida semper ab igni;
 quam circum extremae dextra laevaue trahuntur, 235
 caeruleae, glacie concretae atque imbris atris;
 has inter mediamque duae mortalibus aegris
 munere concessae divom, et via secta per ambas,
 oblicus qua se signorum verteret ordo.
 mundus, ut ad Scythiam Riphaeasque arduus arces 240

οὐ μὲν ὕδωρ, ἀλλ' αὐτὸς ἀπ' οὐρανόθεν
 κρύσταλλος
 κεῖται ἀναμπεσχεῖ· περίφικτος δὲ τί-
 γυκτο. (κεῖτ', ἀλλ' ἂν τ' ἀμπέσχε?)
 ἀλλὰ τὰ μὲν χερσαῖα, καὶ ἀμβρατὰ ἀθροώ-
 ποισι.
 δοιαὶ δ' ἄλλαι ἔσιν ἐναντία ἀλλήλοισι
 μεσηγὸς θέρους τε καὶ ὑέτιου κρυστάλλου,
 ἀμφὺ ἕκτροι τε καὶ ὄρνιθιν ἀδίσκουσαι
 καρπὸν Ἑλευσίνης Δημητρίος· ἐν δὲ μὲν
 ἀνδρες Ἀντίποδες ναῖουσι.

Comp. also Ov. M. I 45 foll., Tibull. IV
 i 151. An unimportant fragment on the
 zones from a poem by Varro Atacinus is
 preserved by Isidorus and Bede (Werns-
 dorf's Poet. Lat. Min. v p. 1403).

'Caelum,' because the zones of heaven
 answer to the zones of earth, and deter-
 mine their character. Macrobius dis-
 cusses the subject Somn. S. II 7.

234. 'Ab igni' is a translation of *ἐκ
 πυρός* in Eratosth. We should have ex-
 pected the instr. abl. So probably 'plu-
 vioque madescit ab Austro,' Ov. M. I 66.

235. 'Trahuntur' expresses extent,
 like 'tractus,' and is meant to translate
περιπεπτηνῖαι.

236. ['Caeruleae' Med. Pal. Rom.
 Gud. 'Caerulea' is only found in inferior
 copies:—H. N.]

'Caeruleus' is used widely to express
 various colours of a dull blue or green sort,
 being to a certain extent, as Dr. Arnold
 remarked, the opposite of 'purpureus'
 (E. v 38 note). So A. III 194, v 10, it is
 used of a black storm-cloud (answering to
 'atris' here); G. IV 482, A VII 346, of
 a serpent. The mention of ice seems
 more appropriate to the earthly than to
 the heavenly zones, as Keightley ob-
 serves: but Virg. was doubtless thinking
 of the sky as the parent of ice. [The
 rhythm is like that of Il. IV 281, *Κυάνας,
 σάκεισιν τε καὶ ἔγγεσι πεφρικνῖαι*.—H. N.]

237. 'Mortalibus aegris,' Lucr. VI 1,
 Hom. s' *δαιλοῖσι βροτοῖσι*. Comp. also A.
 II 268, where there is a similar juxta-

position of man's weakness and heaven's
 indulgence. The ancients supposed only
 the temperate zones to be habitable: consequently, as discovery advanced, the
 area occupied by those zones was ex-
 tended, so that instead of five parts or
 thirty degrees (from 24° to 54°), the space
 originally allotted to them, they were made
 to contain seven parts, to 66°.

238. 'Per' is rightly explained by
 Macrobius Somn. S. II 8, as equivalent to
 'inter,' as the sun never enters the tem-
 perate zones. That which goes between
 two connected objects goes through the
 pair. So v. 245, 'per duos Arctos.'
 Comp. Ov. M. II 130, 'Sectus in obli-
 cum est lato curvamine limes, Zonarum-
 que trium contentus fine, polumque Effu-
 git australem, iunctamque Aquilonibus
 Arcton.'

239. 'Oblicus' with 'se verteret.' So
 'sese tulit obvia,' A. I 314, 'Infert se
 saeptus nebula,' ib. 439; compare the
 participle in such expressions as 'sensit
 medios delapsus in hostis,' A. II 377.
 The ordinary grammatical usage attaches
 an adjective or participle to a noun as its
 absolute property: here the adjective or
 participle belongs to the noun only contin-
 gently on the relation of the noun to the
 verb. Thus in the present line the order
 of the signs is oblique not in itself but in
 reference to its revolution. The principle
 is the same as in cases of prolepsis. The
 language here is not strictly accurate,
 as it was not the zodiac but the sun that
 was supposed to move.

['Oblicus' Pal., 'obliquus' Rom., 'obli-
 quus' Med.—H. N.]

240. Virg. goes on to describe the
 Poles, North and South, speaking of the
 one as elevated and visible, the other as
 depressed and invisible. 'Scythia' is
 used for the North generally, as in III 349.
 The 'Riphaeae (*ρίπη*) arces' ('arces' of
 mountains, 'Rhodopeiae arces,' IV 461)
 were supposed to separate the Hyper-
 boreans from the rest of the world. Comp.

consurgit, premitur Libyae devexus in austros.
 hic vertex nobis semper sublimis; at illum
 sub pedibus Styx atra videt Manesque profundi.
 maximus hic flexu sinuoso elabitur Anguis
 circum perque duas in morem fluminis Arctos, 245
 Arctos Oceani metuentes aequore tingui.
 illic, ut perhibent, aut intempesta silet nox
 semper et obtenta densentur nocte tenebrae,

111 381, IV 517. Here these countries are made to stand for the northernmost point, not only of earth, but of the mundane system, as Libya for the southernmost.

242. 'Vertex' is a translation of 'polus.' 'Extremusque adeo duplici de cardine vertex Dicitur esse polus,' Cic. N. D. II 41 (translating Aratus).

243. The infernal regions were supposed to be in the centre of the earth (II 292): so here they are said to be over the south pole. 'Sub pedibus' is to be connected with 'videt,' the feet being those of Styx and the Manes; but 'videt' of course is not to be pressed, as if it were meant that the south pole were actually visible from the shades. Arat. Phaen. 25 says of the poles, ἀλλ' ὁ μὲν οὐκ ἐπίοπτος, ὁ δ' ἀντίος ἐκ βορείας, Ὑψόθεν ὠκεανοῖο.

244-246. From Arat. Phaen. 45.

Τὰς δὲ δι' ἀμφοτέρως, οἷη ποταμοῖο ἀπορρώξ,
 εἰλεῖται, μέγα θαῦμα, δράκων, περὶ τ' ἀμφὶ
 τ' ἰαγῶς,
 Μυρίος' αἱ δ' ἄρα οἱ σπείρης ἐκάτερθε φύονται

* Ἄρκτοι κτανίου πεφυλαγμένοι ὠκεανοῖο.

'Elabitur,' shoots out: not the same as 'labitur,' Forb.

246. 'Metuentes—tingui' like 'metuente solvi,' Hor. Od. II II 7. So Hom. of the Bear (II. XVIII 489), οἷη δ' ἀμμορός ἰστί λοετρῶν ὠκεανοῖο.

247. The two cases are that either the southern regions are in total darkness or that they have day when we have night. The doctrine that the sun perishes every day is Epicurean. Lucr. mentions both alternatives (v 650 foll.):

'at nox obruit ingenti caligine terras,
 aut ubi de longo cursu sol ultima caeli
 impulit atque suos efflavit languidus ignis
 concussos itere et labefactos aere multo,
 aut quia sub terras cursum convortere
 cogit

vis eadem, supra quae terras pertulit orbem.'

'Intempesta nox:' Enn. A. 21, 171 M.; Lucr. v 986; [Virg. A. 111 587, x11 846; Cic., etc. As used, the phrase = dead of night, but the Roman scholars differ in their accounts of it. Varro (L. L. VI 7, VII 72) says it denotes the time 'inter vesperuginem et iubar,' the really dark hours of night: he derives it from 'in' and 'tempus' in the sense of 'quo tempore nihil agitur.' Festus p. 82 thinks it denotes no fixed time of night, again arguing from etymology. Macrobius (I 3, VI 1) places it 'inter concubiam, noctem et mediam,' and so Censorinus. Apul. and Serv. A. 111 587 identify it with midnight. Most modern scholars explain it either as = undivided (by man's hours): so Mr. Nettleship, or as = 'unseasonable,' unsuited for work; Stowasser suggests untempered, i.e. cold. In A. x 184 'intempestae Graviscae' plainly = unhealthy (?chilly, i.e. feverish). The Greek ἀωρι νυκτός, etc., seem to mean simply unseasonableness.]

The rhythm of the verse is doubtless meant to be descriptive.—'All is wrapped in eternal night, with its silence that knows no seasons, and its thick pall deepening the gloom.'

248. Wagn. connects 'semper' with what follows: but the rhythm is superior if we connect it with v. 247.

'Obtenta nocte,' introduced rather carelessly after 'nox,' is perhaps imitated from Od. XI 19, ἀλλ' ἐπὶ νύξ' ὀλοή τέταται δειλοῖσι βροτοῖσι.

Here as elsewhere the best MSS. are divided between 'densentur' (most) and 'densantur' (Med.). On the whole authority favours 'densere,' which Serv. on A. VII 794, XI 650 declares to be the legitimate form. But the point is difficult to settle, as forms of 'densare' undoubtedly occur. [See further Neue-Wagener, Formenlehre iii 289.]

aut redit a nobis Aurora diemque reducit,
 nosque ubi primus equis Oriens adflavit anhelis, 250
 illic sera rubens accendit lumina Vesper.
 hinc tempestates dubio praediscere caelo
 possumus, hinc messorumque diem tempusque serendi,
 et quando infidum remis impellere marmor
 conveniat, quando armatas deducere classis, 255
 aut tempestivam silvis evertere pinum :

249. 'Redire' 'reducere,' and other such words, are constantly used, as Wundt remarks, of the recurring order of nature. 'Informes hiemes reducit Iuppiter, idem Summovet,' Hor. Od. II x 15.

250. 'Oriens,' the rising sun, as in A. v 739, where this line is nearly repeated. The horses of the sun come panting up hill, casting their breath, which, as Keightley observes, represents the morning air, on the objects before them.

251. Seneca (Ep. CXXII 2) quotes this line with 'illis,' which would be highly plausible, if it had other support. But Virg. is speaking of the region, not of the inhabitants, and the hypothesis of vv. 247, 248 would be hardly compatible with the existence of antipodes at all, though in a different connexion, v. 237, he seems to believe in them. So 'a nobis,' v. 249, answers to 'illic,' v. 247.

'Lumina' is Vesper's own rays; not the sunset, as Voss thinks, taking 'Vesper' generally of evening; nor the other stars, as others interpret it, much less, as the old commentators thought, the candles that are lighted on earth. Comp. IV 401, 'medios cum sol accenderit aestus.'

'Rubens' may merely mean bright, like 'luna rubens,' Hor. Od. II xi 10, or the colour of sunset may be naturally transferred to the star.

252-258. 'From this disposition of nature the husbandman and the mariner get certain knowledge, and may consult the heavens with confidence.'

252. 'Hinc' seems to refer to the whole of the preceding passage from v. 231, which has been devoted to an exposition of certain parts of the mundane system. That system has been mentioned at the outset ('Idcirco,' v. 231) as the guarantee for the regularity of the seasons, on the knowledge of which the proceedings of the husbandman depend, and now Virg. enforces the conclusion—'It is on

the strength of this that we know beforehand,' etc. Vv. 257, 258 clearly belong to this paragraph, not to that which follows (Ramsay, Classical Museum, v 107). They come in fact under 'Hinc,' which is the introduction to the whole paragraph. 'Hence it is that our watchings for the rising and setting of the stars and our attention to the course of the seasons are not useless.' Not perceiving this connexion, Ribbeck has placed vv. 257, 258 after 251.

'Tempestates' seems rightly understood by Keightley of changes of weather, which agrees with 'dubio caelo.' Rom. and fragm. Aug. have 'praedicere.'

253. The weather and the seasons are of equal importance to landsmen and seamen (vv. 204 foll. : comp. v. 456), so the occupations of both are mentioned here.

'Infidum' is significant, as showing the importance of knowing when to venture on the sea. There may be a distinction, as Voss thinks, between 'remis,' the smaller craft, and 'classis,' the larger. But it seems more likely that Virg. first speaks generally of putting to sea, and then contrasts the fleet when rigged with the cutting down of the timber.

255. 'Armatas,' rigged. 'Armariclassem cursumque parari,' A. IV 299.

'Deducere' of ships, A. III 71, IV 398. Cerda comp. Hor. Od. I iv 1, 'Solvitur acris hiemps grata vice veris et Favoni, Trahuntque siccas machinae carinas.'

256. 'Tempestivam' with 'evertere : ' *ώραία τέμνεσθαι ξύλα*, Theophr. cited by Ursinus. Cato XXXI, whom Macrob. Sat. VI 4 rather unreasonably charges Virg. with copying, says, of pines and other trees, 'cum effodies, luna decrecente eximito, post meridiem, sine vento austro. Tum erit tempestiva, cum semen suum maturum erit.' Pal. (XII 15) says that the best time of the year is February.

nec frustra signorum obitus speculamur et ortus,
temporibusque parem diversis quattuor annum.

Frigidus agricolam si quando continet imber,
multa, forent quae mox caelo properanda sereno, 260
maturare datur: durum procudit arator
vomeris obtunsi dentem, cavat arbore luntres,
aut pecori signum aut numeros impressit acervis.
exacuunt alii vallos furcasque bicornis,
atque Amerina parant lentae retinacula viti. 265
nunc facilis rubea texatur fiscina virga;

257. ['Signorum ortus et obitus,' Cic. Inv. I 34.—H. N.]

258. 'Parem' is intended to contrast with 'diversis' (Serv.). The seasons are diverse, yet as they are of equal lengths, and succeed each other regularly, they make the year uniform. 'Speculamur' in v. 257 appears to mean strictly to be on the watch for: here it means merely to pay attention to.

259-275. 'Even rainy weather has its employments; so have holy days.'

259. Hitherto Virg. has been insisting on the importance of the weather: he now shows that weather which is bad for ordinary out-door purposes is good for other things. 'Frigidus imber' cannot apply to the winter, on account of 'si quando:' besides, winter occupations are mentioned vv. 305 foll. 'Frigidus' is an ordinary epithet of rain, as chilling the air, just as 'hiemps' is used indifferently of storm and winter.

'Continet,' keeps him from his work: confines him to the house. 'Dum se continet Auster, Dum sedet et siccata madidas in carcere pinnae,' Juv. v 100.

260. 'Properare,' to hurry, is contrasted with 'maturare,' to get done in good time. See A. I 137. The contrast is noticed by Gell. x 11 = Macrob. Sat. vi 8, who follow a remark of Nigidius Figulus, 'Mature est quod neque citius neque serius sed medium quiddam et temperatum est.' [The note in Gell. and Macrob. is abridged in the Berne scholia.—H. N.]

261. 'Procudit' is explained by 'obtunsi.' Forb. quotes Lucr. v 1264, 'Et prorsum quamvis in acuta ac tenuia posse Mucronum duci fastigia procudendo.'

262. ['Vomeris dentem,' II 423.]

'Arbore,' material ablative, like 'ocreas lento ducunt argento,' A. VII 634.

'Luntres' were troughs into which grapes were put after the vintage. 'Servabit plenis in lintribus uvae,' Tibull. I v 23. Cato (XI) mentions them among the apparatus for a vineyard, saying that two are required for a vineyard of 100 jugera. They appear to have been the same as 'naviae' (Fest. p. 169, s.v. 'navia'), which were made from a single piece of wood, and were so called from their resemblance to ships or canoes, whence both names.

263. [He stamps a seal for (marking) his cattle or tickets for (numbering) his heaps of corn. 'Facit aut characteras quibus pecora signantur aut tesseras quibus frumentorum numeros designatur' (Serv.). No instance of 'imprimere signum,' = make a stamp, is quoted in the lex., but there is nothing in such a phrase which violates Latinity.—H. N.] Branding cattle is mentioned III 158.

['Impressit:'] the perfect in a series of present tenses may possibly be used because stamping a seal or ticket is a single action, hollowing a tree, etc., a prolonged one.—Marindin.]

264. The 'valli' and 'furcae' were probably to support the vines. See II 359.

265. Col. (IV 30), speaking of willows for tying up the vine ('salices viminales'), enumerates three sorts, Greek, Gallic, and Sabine or Amerian, the last of which has a slender red twig.

266. 'Facilis,' pliant, an epithet belonging rather to 'virga,' as Keightley remarks. Pal. has 'facili.'

'Rubea' of briars. 'Vincula qualia sunt ex rubo,' Col. IV 31. Serv. [and Philarg. quoted in the Berne scholia] make it an adjective from Rubi in Apulia (Hor. S. I v 94); but there is no reason to suppose that the twigs there were good for basket-making.

nunc torrete igni fruges, nunc frangite saxo.
 quippe etiam festis quaedam exercere diebus
 fas et iura sinunt; rivos deducere nulla
 religio vetuit, segeti praetendere saepem,
 insidias avibus moliri, incendere vepres,
 balantumque gregem fluvio mersare salubri.

270

267. A. I 178, 179. The roasting or drying was to make the corn easier to grind. Rom. has 'saxis.'

268. 'Why, even on holy days a husbandman may do something.' So Cato II, speaking of the means which the landowner has of checking the amount of work done by his servants, mentions holy-day employments after those for rainy weather. The things which may or may not be done on holy days are enumerated by Col. II 21 (22).

269. 'Fas et iura,' divine and human laws, Serv. [and the Berne scholia], who however seem wrong in seeking for a real distinction where Virg. probably only intended surplusage.

'Rivos deducere:' it is not clear whether letting water on or off is meant. The language will bear either equally, according to the use of 'deducere.' 'Deducere aquam in vias,' Cato CLV, is used for drawing water off from a field [though Keil there reads 'diducere']; so 'deducit' above v. 113 (opposed to 'inducit,' v. 106), [and Pallad. I 172.—H. N.] Serv. [and the Berne scholia] accept this sense here: Serv. asserts on the authority of Varro that letting water on was forbidden, and appeals to the Pontifical books to show that works might be finished on holy days, though not begun, and consequently that water already let on might be let off. But the extract which Serv. gives is not very conclusive: 'feris denicalibus aquam in pratam ducere, nisi legitimam, non licet: ceteris feris omnis aquas licet deducere' (Col. II 21 (22) draws a similar distinction between the sanctity of 'feriae denicales' and of other holy days). Macrob., Sat. III 3, explains 'deducere' by 'detergere,' alleging that old watercourses might be cleaned on holy days, but not new ones made: and Columella, l. c., enumerates among lawful things 'fossas veteres tergere et purgare.' But it is not easy to extract this sense out of the words of Virg., though Heyne attempts to do so, arguing that he who cleans a watercourse lets the

water flow, 'deducit.' If any argument could be founded on the greater or less appropriateness of the work to holy days, it would be natural to suppose Virg. to be speaking of drawing off a stream which had suddenly overflowed in the corn-field. On the other hand, Mr. Maclean remarks that to lead the water down the channels would be a daily necessity for gardens in hot weather.

'Deducere:' Med. has 'diducere;' but in such cases MSS. are of little weight, and the question, so far as they are concerned, is really one of spelling: comp. II 8. [But see A. I 211 note.]

270. 'Religio' is here used in its technical sense as a restraining, not an imperative power.

'Segeti praetendere saepem' raises a difficulty, as Col. l. c. says that the pontiffs forbid the making of hedges for corn on holy days. Forb. and Keightley suppose that old hedges might be repaired, though not new ones made: but Virg.'s words are surely express.

271. 'Insidias avibus moliri' seems to refer to snaring mischievous birds (vv. 119, 156). That would be a work of necessity, which ordinary bird-catching would not be.

'Incendere vepres:' Cato II (quoted by Keightley), mentions 'vepres recidi' among the works for holy days.

272. Washing sheep for cleanliness was not allowed on holy days, according to Macrob. and Col. II. cc., who observe that 'salubri' is emphatic, indicating that the washing is to cure disease. Comp. III 445.

'Balantum' is doubtless meant to be forcible, the sheep bleating when they are washed, as in III 457, when they are in pain. Generally it is a descriptive word, discriminating sheep from other cattle by their bleat, as in A. VII 538. To which class such passages as Enn. Alex. fr. I 5, Lucr. II 369, VI 1132 are to be referred, is hard to say.

['Fluvio:' abl. A. VI 348, etc. Others make it dat. E. VIII 101, A. XII 256.]

saepe oleo tardi costas agitator aselli
 vilibus aut onerat pomis, lapidemque revertens
 incusum aut atrae massam picis urbe reportat. 275
 Ipsa dies alios alio dedit ordine Luna
 felices operum. quintam fuge: pallidus Orcus
 Eumenidesque satae; tum partu Terra nefando

273. Varro ap. Serv. says that markets were held on holy days, to give countrymen a chance of going to town. Col. l. c. quotes Cato (cxxxviii) assaying that mules, horses, and asses had no holy days, though the pontifical books forbade the harnessing of mules on 'feriae denicales.'

'Agitator aselli,' the driver, like 'equorum agitator,' A. II 476, i.e., not the man whose business it was to drive asses ('asinarius'), but the peasant who happens to drive the ass to market. We need hardly inquire whether 'aselli' belongs primarily to 'costas' or to 'agitator.'

274. 'Vilibus' suits with 'onerat,' implying, as Serv. remarks, that they are abundant. 'Lapidem incusum' is explained by Serv. [and Gaudentius in the Berne scholia] of a millstone, which is indented that it may crush the corn better.

275. 'Picis:' for marking cattle, securing casks, repairing vessels, etc. ['Incusum' Med. Pal. Rom.—H. N.]

276-286. 'The days of the lunar months are not all equally lucky for work. The fifth is bad, the seventeenth good, and, in a different way, the ninth.'

276. Virg. is said by Pliny (xviii 321) to have followed Democritus in this enumeration of lucky and unlucky days. Hesiod (Works 765 foll.) had treated the subject at much greater length. Varro, I 37, has a chapter on the same subject, but his treatment is entirely different. Virg.'s own treatment is sufficiently cursory, only three days being named in all, for good or for evil, and those not accurately represented, at least according to Hesiod, who was evidently to some extent his model.

The force of 'ipsa' seems to be that the mere position of days in the month gives them a certain fitness or unfitness for agricultural purposes, irrespectively of more scientific considerations.

'Dedit' is commonly taken as an aorist: but it may mean that the moon has made the ordinance once for all in regulating the month.

'Alio ordine' opp. to 'uno ordine,' II 102. It is as if Virg. had said 'omnes dies non pariter felices fecit.' 'Alios' is followed by 'quintam,' as in Tibull. III vi 32 (quoted by Wund.), 'Venit post multos una serena dies.'

277. 'Felices operum' [productive of, H. N. Con. rendered happy in respect of, and comp. for the genitive, G. III 498, 'infelix animi,' A. IV 529, 'fortunatus laborum,' II 416. But this gen. of cause after 'felix' appears to be used only of persons, not as here, of things.]

'Operum' agricultural work, II 472: comp. the title of Hesiod's poem.

'Quintam:' comp. Hes. Works 802:

Πέμπτας δ' ἐξάλιασθαι, ἔπει χαλεπαὶ τε καὶ αἰναί.

Ἐν πέμπτῃ γὰρ φασιν Ἐρινύας ἀμφιπολεύειν

Ὅρκον γεινόμενον, τὸν Ἔρις τίκε πῆμ' ἐπιόρκους.

Wilfully or ignorantly Virg. misinterprets Hesiod; he confounds Ὅρκος, god of the oath, with the Latin Orcus, god of the dead, and makes the Eumenides born themselves on the fifth, instead of attending the birth of Ὅρκος (if that be Hesiod's meaning, which is doubtful). Pal. gives 'Horcus' [and this reading is mentioned by Serv. and the Berne scholia. Celsus (ap. Serv.) explained 'pallidus' 'quia iurantes trepidatione pallescunt;'] Serv. adds 'Probus Orchus legit: Cornutus vetat aspirationem addendam; where Mr. Nettleship emends 'Probus Horcus legit.' So the Berne schol. 'quidam cum aspiratione Horcus legit.' Evidently some Roman scholars preferred to think that Virg. had not confounded or combined Orcus and Ὅρκος: so also Ribbeck.]

278. 'Tum' seems better taken with Serv. in its ordinary sense of 'then' than with Forb. as 'moreover.' It appears to be added here because it had been omitted in the previous clause. No other extant authority appears to fix the birth of the giants to this day.

Coemque Iapetumque creat saevumque Typhoea
 et coniuratos caelum rescindere fratres. 280
 ter sunt conati imponere Pelio Ossam
 scilicet, atque Ossae frondosum involvere Olympum ;
 ter Pater exstructos disiecit fulmine montis.
 septima post decimam felix et ponere vitem,
 et prensos domitare boves et licia telae 285
 addere ; nona fugae melior, contraria furtis.
 Multa adeo gelida melius se nocte dedere,

279. The birth of 'Coeus' and 'Iapetus' is mentioned Hes. Theog. 134, that of 'Typhoeus,' ib. 821 foll., the latter not taking place till after the expulsion of the Titans from heaven. The two former were the sons of Earth and Uranus, the latter of Earth and Tartarus. 'Typhoeus' is distinguished by the epithet 'saevus,' as he was the most formidable (Hes. l. c.).

'Creat:' see on E. VIII 45. 'Typhoea' is probably a trisyllable, the two last vowels coalescing (comp. 'Orphea,' E. VI 30), as in Greek (Τυφωία), though it might be scanned as a dactyl, see II 69.

280. It is doubtful whether 'fratres' refers to the giant-brood generally, or to the two Aloiidae. The deeds mentioned in the following lines are ascribed to the latter by Hom. (Od. XI 304 foll.), and by Virg. himself (A. VI 582, where the words 'rescindere caelum' recur): but the Aloiidae were the sons of Poseidon and Iphimedeia, not of Earth. Possibly Virg. misunderstood the passage in the Odyssey, where they are said in Homeric phrase to have been nourished by the earth, though the word there used is *ἀρουρα*.

'Rescindere' may be to break open, like 'vias rescindere,' Lucr. II 406, or it may be compared with Aesch. Prom. 357 (of Typhoeus) *ὡς τὴν Διὸς τυραννίδ' ἐκπίρων βίᾳ*.

281. *Ὅσσαν ἐπ' Οὐλύμπῳ μέμασαν θέμεν, αὐτὰρ ἐπ' Ὀσση Πήλιον εἰνοσίφυλλον, ἢν οὐρανὸς ἀμβατὸς εἴη*, Hom. l. c. Virg. reverses the positions of Pelion and Olympus, and transfers to the latter the epithet attached to the former.

The non-elision of the 'i' and 'o' and the shortening of the 'o' are in imitation of the Greek rhythm, and are appropriate here and elsewhere where the subject reminds us of Greek poetry.

282. 'Scilicet,' agreeably to its etymo-

logy ('scire licet'), introduces an explanation or development. Here it introduces the details of the conspiracy.

'Involvere' is used in its strict sense of rolling upon, like 'involvitur aris,' A. XII 292. Olympus is heaved up the sides of Ossa. Pal. originally had 'invertere.'

283. The threefold attempt seems to be Virg.'s invention.

284. 'Septima post decimam,' the seventeenth, as is evident from Hes. Works 805, where the seventeenth follows the fifth immediately, though the work which he assigns to it is not the same as here. Of the works which Virg. assigns to the seventeenth, planting is referred by Hes. to the thirteenth, taming cattle to the fourteenth, weaving to the twelfth.

'Ponere,' plant in order, II 273, E I 74. 'Felix ponere:' see v. 213, E. v 2. 285. 'Prensos domitare,' perhaps for 'prendere et domitare:' *πρηθνεῖν ἐπὶ χεῖρα τιθεῖς*, Hes. v. 797. Taking in hand is the first step towards breaking in. Comp. III 206, 7.

'Licia telae addere,' to add the leashes to the warp, to weave. Tibull. I vi 78, 'Firmaque conductis adnectit licia telis.'

286. 'Fugae' seems to refer to fugitive slaves. Virg. however, as Heyne remarks, is speaking not in their interest, but in that of the husbandman, who is warned to be on his guard that day, while on the other hand he need not watch against thieves. In Hesiod the ninth day is merely mentioned as good for work of any sort. 'Contraria furtis:' 'avibus contraria cunctis,' Lucr. VI 741.

287-296. 'Some work is fittest for night or early morning, mowing for instance; and long winter evenings may be well spent by the husbandman in cutting torches, by his wife in weaving, or boiling and skimming.'

287. ['Adeo' is taken by Serv. and the

aut cum sole novo terras inrorat Eous.
 nocte leves melius stipulae, nocte arida prata
 tondentur; noctes lentus non deficit umor. 290
 et quidam seros hibèrni ad luminis ignis
 pervigilat, ferroque faces inspicat acuto;
 interea longum cantu solata laborem
 arguto coniunx percurrit pectine telas,

Berne scholia to mean 'valde,' but it may well have its original sense of 'besides.'—H. N. This sense appears confined to the comic poets, unless we assume it in 'tuque adeo,' Enn., G. I 24, etc.] As in vv. 259 foll., Virg.'s thought seems to be that no part of the husbandman's time is unemployed, and that every work should be done at its right time.

'Gelida nocte' is doubtless contrasted with 'medio aestu,' at the same time that it indicates the cool dew as that which makes work easier.

'Melius se dedere:' the general sense is that many operations are performed better at certain times. Virg. expresses the notion of performance by 'se dedere,' to indicate the dependence of the husbandman upon nature. Thus the use of 'se dare' here is parallel rather to the instances where it is equivalent to 'occurrere' than to those where it denotes compliance with the will of another. [“Se dedere,” nostro obsequuntur labori.” Serv.—H. N.]

288. Wakef. supposes Virg. to have imitated Lucr. v 281, 'aetherius sol Inrigat adsidue caelum candore recenti.' But the primary reference of 'inrorat' evidently is to literal dew, and it seems hardly worth while to suppose a secondary one to the sprinkling of the earth with sunlight. Heyne comp. III 305, 'extremoque inrorat Aquarius anno.' For 'aut' Rom. has 'vel.'

289. 'Stipulae:' v 85. The cutting of the stubble took place in August, within a month after the reaping. 'Leves' and 'arida' seem both to be emphatic, as suggesting what the husbandman has to obviate. 'Arida prata,' opposed to those which could be irrigated. Voss.

290. 'Lentus' expresses the effect of the moisture on the grass rather than the nature of the moisture itself.

291. 'Quidam,' like 'est qui,' Hor. Ep. II ii 182, Pers. I 76, as if Virg. knew but did not choose to name the man.

'Luminis' is generally taken of lamp or

torch-light. Keightley refers it to fire-light, comparing II 432, A. VII 13, where however there is the same doubt. It would be possible also to refer it to the late dawn of a winter sun ('lumine quarto,' A. VI 356), so that the sense should be 'one man sits through a long winter's night.' Mr. Blackburn, accepting this view, comp. Hor. Od. III viii 14, 'vigiles lucernas Perfer in lucem.' A. VIII 411 'famulas ad lumina longo Exercent penso' is open to all three interpretations.

292. 'Inspicat,' makes into the form of an ear of corn, the end of the wood being cut into a point and split into various parts. Forb. comp. Sen. Med. III, 'Multifidam iam tempus erat succedere pinum.' This is probably the same as 'incide faces,' E. VIII 29, though a distinction has been attempted between them by Ulitius on Grattius' Cyngetica, v. 484, who supposes 'incidere' to refer to the cutting of pieces of wood to be bound together into brands.

293. 'Solatus' might be taken strictly, as if Virg., though meaning that singing and weaving went on together, chose to take a point from which the former might be regarded as past, the latter as beginning or continuing. But such an explanation would not apply to A. v 708, 'Isque his Aenean solatus vocibus infit,' so that we must say that the past participle is used with a present force (v. 206 note). The domestic picture has the effect, which doubtless was one of the objects of the composition of the Georgics, of placing the life of a small country proprietor in an attractive light.

294. A. VII 14 shows the 'pectine' goes with 'arguto.' 'Pectine,' κερκίς, 'the comb, the teeth of which were inserted between the threads of the warp, and thus made by a forcible impulse to drive the threads of the woof close together. . . . Among us the office of the comb is executed with greater ease and effect by the reed, lay, or batten.' Dict. A.

aut dulcis musti Volcano decoquit umorem 295
 et foliis undam trepidi despumat aheni.
 at rubicunda Ceres medio succiditur aestu,
 et medio tostas aestu terit area fruges.
 nudus ara, sere nudus ; hiemps ignava colono.
 frigoribus parto agricolae plerumque fruuntur, 300
 mutuaque inter se laeti convivia curant ;
 invitat genialis hiemps curasque resolvit :

295. 'Must' was boiled down to 'carenum' (Pallad.), 'defrutum' (IV 269), or 'sapa,' on a night when there was no moon. 'Volcanus,' as Cerda remarks, is used elsewhere of a large fire, such as would be required for boiling 'must' (Col. XII 19; G. IV 269, 'igni multo').

This hypermeter seems a fair instance of a metrical anomaly introduced for descriptive effect. See v. 482; II 69.

296. 'Foliis,' vine leaves; wood was apt to give a smoky taste to the liquor.

'Undam aheni' like 'undantis aheni,' A. VII 263. Col. XII 20 says that the vessel should be of lead, as brass was liable to rust in boiling.

For 'trepidid' Pal. originally gave 'tepidi,' which could scarcely be used of boiling liquid. Med. Rom. have 'trepidis.'

['Aeni' Med., Pal., Gud., but Gell. II 3 says that the best MSS. in his time read 'aheni.'—H. N.]

297-310. 'Summer is the time for reaping and threshing. Winter is the husbandman's season for festivity; but he still has work, stripping acorns and berries, snaring and killing game.'

297. 'Rubicunda Ceres,' v. 96. Col. II 21 says that corn should be reaped 'cum rubicundum colorem traxerunt.'

'Medio aestu' would most naturally mean midday, as in III 331, IV 401. In that case however we must suppose a strange piece of ignorance on Virg.'s part, midday being precisely the time which the reaper would avoid, though it is the time for threshing. Comp. Theocr. x 49:

Στιον ἀλοιῶντας φεύγειν τὸ μεσαμβρινὸν ὕπνον.

Ἐκ καλᾶμας ἄχυρον τελέθει τμηρόςδε μάλιστα.

Ἀρχεσθαι δ' ἀμῶντας ἐγυρομένω κορυθαλλῶ, καὶ λήγειν εὐδοντος ἐλινύσαι δὲ τὸ καῦμα.

'Aestu' then had better be taken of summer as the hot season, as 'frigoribus

mediis,' E. x 65, means midwinter. Wagn. objects that the information in that case would be so obvious as to be needless. But Virg. is speaking of the operations proper to the various seasons (as the next lines show) as well as of the times when they should be performed, and 'hiberni,' v. 291, prepares us for the mention of summer. Wagn.'s own view, that 'medio aestu' means generally a summer's day as contrasted with a winter's night, without special reference to noon, makes 'medio' a worse than useless epithet.

'Succiditur' seems not to specify any thing about the manner of cutting, merely implying that the thing is severed from below. 'Flos succisus aratro,' A. IX 435.

298. 'Tostas' not with 'aestu.'

299. 'Ploughing and sowing both belong to the warm months,'—spring and autumn.

'Nudus,' without the upper garment, as Cincinnatus was found ploughing by the messenger from the Senate, Livy III 26. Here and in the following lines Virg. imitates Hes. Works 493 foll.; the precept is from Hes. Works 391, γυμνὸν σπείρειν, γυμνὸν δὲ βουτρεῖν. Serv. has a story, mentioned also by Suetonius, that some one, apparently in Virg.'s lifetime, hearing the first part of the line repeated, completed it with the words 'habebis frigore febrem.'

'Colono' seems to be intended strictly with reference to the labours of cultivation, as other works for winter follow, v. 305. So perhaps 'agricolae.'

300. With the use of 'parto' comp. 'parcere parto,' A. VIII 317.

'“Plerumque” dicit, quia dicturus est aliqua, quae rusticus etiam hieme possit efficere,' Serv.

302. 'Winter is the entertainer, calling out man's happier self, and unbinding his load of care.' So December is called by

ceu pressae cum iam portum tetigere carinae,
 puppibus et laeti nautae imposuere coronas.
 sed tamen et querñas glandes tum stringere tempus
 et lauri bacas oleamque cruentaque myrta ; 306
 tum gruibus pedicas et retia ponere cervis,
 auritosque sequi lepores ; tum figere dammas,
 stuppea torquentem Balearis verbera fundae,
 cum nix alta iacet, glaciem eum flumina trudunt. 310
 Quid tempestates autumni et sidera dicam,

Ov. F. III 58, 'geniis acceptus.' The 'genius' seems to be an impersonation and half-deification of the happy and impulsive part of man; an offering to it would imply that the day was to be spent in enjoyment. Hor. Od. III xvii 14, Ep. II i 144, A. P. 209. We have here another domestic picture: see on v. 291 above. [The line is quoted by Nonius 321 s.v. 'invitare.'—H. N.]

['Invitat : enlivens, as in early Latin.—H. N., Contrib. to Latin Lex.]

303. 'Winter is to them what port is to the sailor, the jovial end of a weary time.' 'Pressae,' heavy laden: virtually equivalent to Heinsius' conjecture 'fessae,' and doubtless intended to convey the notion that the ship feels the relief. Heyne. Tibull. I iii 40, 'Presserat externa navita merce ratem.'

304. A. IV 418. Comp. Prop. IV xxiv 15, 'Ecce coronatae portum tetigere carinae,' probably an imitation.

305. 'Glandes stringere,' E. x 20 note. 'Stringere' like 'stringunt frondes,' E. IX 61 note, where Cato is quoted, using it of gathering the olive.

'Quernas' because 'glans' was used of other fruits than acorns. 'Glandis appellatione omnis fructus continetur, ut Javolenus ait,' Gaius, Dig. I xvi 236.

306. Myrtle berries were used for mixing with wine, which was called 'myrteum' or 'myrtilites,' and used medicinally for pains in the stomach. (Cato cxxv (cxxvi), Col. XII 38.)

'Cruenta,' from their juice. Voss thinks the red wild myrtle is spoken of as distinguished from the black or white: but the agricultural writers do not countenance this. Forb.

307. Cerdas comp. Hor. Epod. II 35, 'Pavidumque leporem et advenam laqueo gruem Iucunda captat praemia.' Cranes were a delicacy of the table: but the hus-

bandman might naturally snare them in self-defence: see v. 120.

308. The epithet 'auritos' is said by Macrobius, Sat. VI 5, to be taken from Afranius, who in one of his prologues introduces Priapus saying, 'Nam quod vulgo praedicant Aurito me parente natum, non ita est.' [Paul. (Fest. p. 8 M.) 'Auritus a magnis auribus dicitur, ut sunt asinorum et leporum; alias ab audiendi facultate.' It is possible that the passage in Macrobius comes directly or indirectly from Verrius Flaccus.—H. N.] The word itself merely means 'having ears,' the length of the ears being an inference from the application of the epithet, just as in Soph. Aj. 140, πτηνῆς πελείας, the notion of fluttering is inferred from the strict meaning 'winged.'

'Figere,' E. II 29. Here the word must mean to hit with a bullet, not with an arrow.

309. 'The sling . . . was made of . . . hair, hemp, or leather (Veget. De Re Mil. III 14. . . "habena," A. VI 579).' 'The celebrity of the natives of the Balearic isles as slingers is said to have arisen from the circumstance that when they were children their mothers obliged them to obtain their food by striking it with a sling (Veget. I 16).' Dict. A. 'funda.' Rom. has 'torquentes.'

['Verbera,' thongs, perhaps derived from 'verro.'—H. N.]

310. 'Glaciem . . . trudunt' apparently describes the process of freezing, the rivers driving down the ice in masses, which get joined together, so that the whole surface becomes frozen. [Forb. now agrees with this explanation; he formerly took the words to mean 'when the rivers roll down the ice to the sea.' He compares the use of 'trudo' G. II 31, 335.—H. N.]

311-334. 'Autumn and spring have their special perils. Just when harvest is beginning, a hurricane will tear up the

atque, ubi iam breviorque dies et mollior aestas,
 quae vigilanda viris? vel cum ruit imbriferum ver,
 spicea iam campis cum messis inhorruit, et cum
 frumenta in viridi stipula lactentia turgent? 315
 saepe ego, cum flavis messorum induceret arvis
 agricola et fragili iam stringeret hordea culmo,
 omnia ventorum concurrere proelia vidi,
 quae gravidam late segetem ab radicibus imis
 sublimem expulsam eruerent; ita turbine nigro 320
 ferret hiemps culmumque levem stipulasque volantis.

corn from the ground, or a thunderstorm will burst on the field in all its horrors.'

311. 'Tempestates' seems fixed by 'sidera' to mean 'weather' rather than 'storms.' The latter notion is not expressed, but left to be inferred. The stars on which the autumn storms were supposed to depend were Arcturus, the Centaur, the Kids, and the Crown. Cerda comp. II. XVI 385, ἤματ' ὀπωρινῶν ὄρε λαβρότατον χρεὶ ἰδίων Ζεύς.

312. 'Mollior,' less oppressive. 'Quas et mollis hiemps et frigida temperat aestas,' Stat. S. III v 83.

313. 'Vigilare aliquid' is to bestow wakeful care on a thing. 'Vigilatae proelia dele,' Juv. VII 27; Ovid, etc.

'Ruit imbriferum,' comes down in showers, Wagn., like 'nox umida caelo Praecipitat,' A. II 8. [For the rhythm comp. A. II 250.—H. N.]

314. 'Messis inhorruit:' ὄρε φρίσσοισιν ἀρουραι, II. XXIII 599. The erect and bristling appearance of the field is intended, as Forb. remarks, not its agitation by the wind. For 'et cum' Pal. originally had 'etiam,' i.e. apparently 'et iam.'

315. Serv. says that Varro in his books 'rerum divinarum' speaks of a god Lactans, who made the ears of corn milky. Serv. read 'lactantia' here.

316. Med. originally had 'duceret.'

317. The husbandman brings the reaper with him into the field, and is beginning himself to lop the ears. 'Stringeret,' as in v. 305, 'fragili culmo' being a descriptive ablative (Serv.).

318. 'Omnia ventorum proelia' for 'proelia omnium ventorum.' 'I have seen all the armies of the winds meet in shock of battle.' The winds are supposed to be blowing from all quarters at once, as in A. I 85 (note), II 416.

Comp. Daniel VII 2, 'The four winds of heaven strove upon the great sea.' Lucr. V 1230 talks of 'ventorum paces' (Cerda). Rom. has 'consurgere.'

319. 'Late' with 'eruerent.' 'Ab radicibus imis,' Lucr. I 352.

320. 'Sublime:' the old reading 'sublime' is found in none of Ribbeck's MSS. but one cursive. Virg. probably imitated Accius, Medea fr. I, 'sublime ventis expulsum rapi Saxum aut procellis.'

'Expulsam eruerent' = 'eruerent et expellerent,' as 'digesta feratur,' II 167, = 'feratur et digeratur.' ['Eruerent' perhaps 'were intending to' or 'were such as to.'—H. N.]

'Ita—volantes' has greatly puzzled Martyn and others, who suppose Virg. to compare the hurricane that roots up the corn ('gravidam segetem') and an ordinary gust which whirls about stubble ('culmumque levem stipulasque volantes'), 'ita' being i.q. 'tam facili negotio.' But the 'culmus' and 'stipula' must be the straw of the 'seges' spoken of in the context; and the change in the point of view, by which the same thing is described in one line as heavy and the next as light, is natural enough, both representations being equally true. [Or 'levem' and 'volantes' might be tertiary predicates.] It would seem best then to take 'ita' to such an extent, 'so furiously,' comparing Lucr. I 275, 286, 'ita perfurit acri Cum fremitu, saevitque minaci murmure ventus . . . ita magno turbidus imbri Molibus incurrit validis cum viribus annis: Dat sonitu magno stragem.' Heyne objects that 'ferret' ought to be 'ferabat:' but the verb seems to have been attracted into the subj. by 'eruerent' (comp. however A. VII 808 for potential subj.). The construction would be assisted if (with Wagn.)

saepe etiam immensum caelo venit agmen aquarum,
 et foedam glomerant tempestatem imbribus atris
 collectae ex alto nubes ; ruit arduus aether,
 et pluvia ingenti sata laeta boumque labores 325
 diluit ; implentur fossae et cava flumina crescunt
 cum sonitu fervetque fretis spirantibus aequor.
 ipse Pater media nimborum in nocte corusca
 fulmina molitur dextra ; quo maxuma motu

we made 'ita' a particle of transition, 'eruerent et sublimem eicerent atque ita, i.e. erutam, ferrent ;' but the effect of the two sentences, thus connected, would be cumbersome.

322-334. The first part of the following description seems modelled on Lucr. VI 253 foll., the latter part on II. XVI 384 foll.

322. [The words 'saepe etiam . . . nubes' describe the brewing of the storm : its descent begins with 'ruit.' 'Agmen' indicates the march of the rain-clouds ('aquarum') across the sky : compare Lucr. VI 100 'denso agmine nubes.' 'Caelo' may be dat. 'the clouds come on to the sky' (Keightley) or abl. (see v. 5). Con. was inclined to understand 'agmen' of the rain descending from heaven, comparing Lucr. VI 257 'piscis e caelo demissum flumen,' but this interpretation makes v. 323 a case of ὑστερον πρότερον, as he admits. The order of the clauses suggests the view taken above.]

323. So Lucr. I. c. 'trahit atram Fulminibus gravidam tempestatem atque procellis,' and IV 169, 'Tempestatem perquam subito fit turbida foede Undique' (which from another part of the passage it is evident that Virg. had in his mind), Livy XXV 7, 'tempestatem foedae fuer.' These passages show that 'tempestatem' here is merely weather, 'foedam' having the sense of ugly or grim, [murky.—H. N.]

From this line to II 139 there is a lacuna in Pal.

324. 'Ex alto' might be taken 'from the deep,' which would doubtless be the truer view of the phenomenon. But it seems more probable that Virg. meant to represent clouds as mustered from on high, 'collectae,' like 'glomerant,' keeping up the military associations already introduced by 'agmen.' [Serv. and Gaudentius in the Berne scholia take 'ex alto' as = 'ex septentrione.'—H. N.] Comp. v. 443.

'Ruit aether:' 'aether descendit' II 325, 'caeli ruina' A. I 129, an image explained by Lucr. VI 291, 'Omnis uti videatur in imbrem vertier aether.'

325. 'Sata laeta boumque labores,' A. II 306, a translation of ἔργα βοῶν, Hes. Works 46. Homer in the parallel passage has ἔργ' ἀνθρώπων. Virg., as Ursinus remarks, seems to have imitated Apoll. R. IV 1282, ἡὶ τῶν ὄμβρον ἄσπετον, ὅστε βοῶν κατὰ μύθια ἐκλύσεν ἔργα.

326. 'Fossae,' v. 372, otherwise called 'colliciae' or 'colliquiae.'

'Cava : ' 'During the summer months in Italy there is little or no water in the beds of most of the rivers, so that their channels may justly be called 'hollow,' for they resemble a road running between two high banks.' Keightley.

327. 'Fervet . . . aequor : ' Lucr. VI 427, 'freta circum Fervescunt graviter spirantibus incuta flabris ;' A. X 291, 'Qua vada non spirant,' the violent heaving of the waves against the shore being compared to human breathing. 'The sea glows again through every panting inlet.' [Or 'freta' may = 'waters' merely : in tumult of heaving waters.—H. N.] Rom. has 'spumantibus.'

328. 'Usque adeo taetra nimborum nocte coorta Independent atrae Fornidinis ora superne. Cum commoliri tempestatem fulmina coepstat,' Lucr. VI 253.

'Ipse,' as in A. V 249, XII 725, etc., expresses not only dignity (v. 121), but personal exertion (A. II 321, etc.).

'Corusca' with 'dextra' = 'coruscante.' So Sen. Hipp. 156, 'Vibrans corusca fulmen Aetnaeum manu,' an imitation which shows how he understood Virg.

329. 'Molitur : ' 'validam in vitis molire bipennem,' IV 331.

'Quo motu,' referring to the sense rather than the words of the preceding sentence. So 'carmine quo,' IV 348 ;

terra tremit, fugere ferae et mortalia corda 330
 per gentis humilis stravit pavor; ille flagranti
 aut Athon aut Rhodopen aut alta Ceraunia telo
 deicit; ingeminant austri et densissimus imber;
 nunc nemora ingenti vento, nunc litora plangunt.
 hoc metuens, caeli menses et sidera serva, 335
 frigida Saturni sese quo stella receptet,

'quo gemitu,' A. II 73. Forb. comp. Sall. J. 114, 'Per idem tempus adversum Gallos male pugnatum: quo metu Italia omnis contremuerat.' 'Ea signa dedit,' A. II 171, is an instance of the same principle; see Kritz on Sall. J. 54, 'ea formidine.'

'Maxuma,' a perpetual epithet, γαῖα πελώρη in Hes. Theog. 173, etc., but acquiring force here from 'tremit.'

330. 'Fugere' of instantaneous flight, see I 49 note. The two perfects connected by 'et' apparently describe simultaneous actions, the asyndeton in the other clauses successive effects. Comp. Orpheus, Hymn XVIII 13, Ὀν καὶ γαῖα πέφρακε θάλασσά τε παμφανώσσα, Καὶ θήρες πτήσσουσιν, ἔταν κτύπος οὐραεῖς ἰσίδθη, and Hes. Works 511, etc., where the effect on the various beasts is drawn out.

331. 'Humilis' qualifies 'stravit,' Virg. may have thought of Lucr. v 1218.

332. Theocr. VII 77, ἡ Ἄθω ἢ Ῥοδόπαν ἢ Καύκασον ἐσχαρόωντα.

'Athon:' so Serv., the MSS., and Val. Fl. I 664 imitating this line. Servius, A. XII 701, and Priscian, VI XIII 70, lay down a precept that the last syllable of the nom. is to be made short. The earlyedd. introduced 'Atho' from Theocr., [and so more recently Deuticke.]

'Alta Ceraunia,' a half-translation of Ἀκροκραύνια, which Hor. Od. I III 20 uses untranslated. Lucr. VI 640 adduces the fact of lightning striking a mountain as an argument against its supernatural origin.

'Telo:' so Aesch. uses βέλος of the thunderbolt, P. V. 358, etc.

333. 'Deicit,' of lightning, A. VI 581, Lucr. V 1125. 'Telo deicis,' A. XI 665. It is apparently intended that one of the peaks is overthrown, though 'deicit Athon telo' may only mean 'deicit telum in Athon.' ['Deicis,' i.e. 'deicit,' Med. and Rom.—H. N.]

'Ingeminant:' the rain and wind increase after a thunderclap. 'Quo de con-

cussu (comp. "quo motu," above) sequitur gravis imber et uber,' Lucr. VI 289.

334. 'Plangunt,' intransitively, 'wail.' [Ovid Met. III 505; Lucr. IX 68, etc.; Neue-Wagener, Formenlehre III 77.] The reflective 'planguntur' would be more usual. But the common use of 'plango' with an accusative of the person lamented may prepare us for finding it used without any expressed object. Jahn makes 'austri' and 'imber' the nominative, which seems less forcible and appropriate. 'Plangit,' the reading of Rom. and Serv. (who also mentions 'plangunt'), would be awkward, whether the nominative were sought in 'imber' or in 'Iuppiter.' 'Doubly loud howls the south wind, doubly thick gathers the cloud of rain, and under the blast's mighty stroke forest and shore by turns wail in agony.'

335-350. 'The precautions to be observed are attention to times and seasons and observance of the rural deities. Especially Ceres is to be worshipped duly in the spring of each year, with offerings of milk, wine, and honey, and the ceremony of leading a victim round the young corn with a rustic procession.'

335. A virtual repetition of vv. 204 foll. 'Sidera' is not here to be restricted to the signs of the Zodiac, as the next two lines are evidently intended to give instances of the things to be observed. 'Caeli menses,' like 'caeli hora' III 327, 'caeli tempore' IV 100.

336. Saturn and Mercury are chosen as the two extremes, and the husbandman is told to observe their course in the sky. Saturn in Capricorn, according to Serv., was supposed to cause heavy rains, especially in Italy. [Forb. comp. Pliny II 106.—H. N.]

'Frigida' from its distance from the sun. 'Recepto' is used nearly in the sense of 'recipio.' In Pers. VI 8, 'multa litus se valle receptat,' it may be intended to mark the numerous bends of the bay.

quos ignis caeli Cyllenius erret in orbis:
 in primis venerare deos, atque annua magna
 sacra refer Cereri laetis operatus in herbis,
 extremae sub casum hiemis, iam vere sereno. 340
 tum pingues agni, et tum mollissima vina;
 tum somni dulces densaeque in montibus umbrae.
 cuncta tibi Cererem pubes agrestis adoret,
 cui tu lacte favos et miti dilue Baccho,

337. 'Caeli:' so Rom. etc., Serv. Seneca. That 'caeli orbis' (A. VIII 97) could be used for a planet's orbit no less than for the sun's, appears from II 477 'caeli vias,' Lucr. v 648 'qui minus illa queant per magnos aetheris orbis Aestibus inter se diversis sidera ferri.' Med. and Probus have 'caelo,' and so Ribbeck and others: it is slightly supported by Catull. LXII 20 'Hespere, qui caelo fertur crudelior ignis?'

'Ignis Cyllenius,' Mercury, called by the Greeks ὁ στυλίων. 'Ignis' is doubtless contrasted with 'frigida' in v. 336.

338. Ceres is distinguished from the other gods to show that she in particular is to be worshipped.

'Magnae,' an ordinary epithet of the gods, applied to Jupiter, Apollo, Juno, Pales, etc.

'Annua sacra' are the Ambarvalia, mentioned before, E. v 70 (note), and described at length Tibull. II 1.

339. 'Refer' might express recurrence; see v. 249. But here it seems to denote the payment of a due, as A. v 605.

'Operatus,' sacrificing, like 'facio' (E. III 77), ῥέζω. 'Tunc operata Deo pubes discumbet in herba,' Tibull. II v 95. For the present force of the part. see vv. 206, 293.

Med. originally had 'orbis,' which was altered first into 'herbis,' then into 'arbis,' i.e. 'arvis,' the reading of some inferior copies.

340. The language is not to be pressed, as the Ambarvalia did not take place till the end of April. 'Casum,' end, contains a sense of 'cadere,' which is generally expressed by 'occidere.' Rom. and Gud. corr. have 'casu.'

341. ῥήμος πύραυραι τ' αἰγες καὶ ὄνος ἄμστος, Hes. Works 585, speaking of summer. 'Pingues' doubtless refers to fatness either for sacrifice or for eating, as the mention of wine shows.

'Mollissima:' so 'mollis mero,' Hor. Od. I vii 19, 'molle Calenum,' Juv. I 69, 'mellow,' Greek μαλακός as opposed to σκληρός ('durum Bacchi saporem,' IV 102).

342. The second clause explains the first. Hesiod l. c. wishes for a seat under the shadow of a rock.

343. ['Tibi:' the dat. resembles those in E. VII 7, 9, X 33; G. II 298; A. VI 343, etc. Landgraf classes these as cases where the dat. stands for a possessive pronoun, 'tua,' etc. But here 'tibi' might be a dat. of the person interested, Roby II 50.]

344. Libations of honey, milk, and wine are to be made to Ceres. Macrob. Sat. III 11, explaining this passage, says that the mixture was called 'mulsum.' He also comp. IV 102, and explains 'miti' here of the wine as corrected by the honey; but this is needless after 'mollissima,' preceding.

It is not clear why Virg. directs this particular offering. Cato CXXXIV directs that before harvest wine be offered to Ceres with the entrails of the sacrifice, but he says nothing of other liquids. Milk, wine, and honey formed part of the Greek offerings to the dead (Aesch. Pers. 611, Odyss. XI 27); and the Greek Demeter was connected with the lower world (Müller's Diss. on the Eumenides, §§ 80 foll.). Daphnis at the Ambarvalia is to have milk and oil (the latter being part of the funeral libations, and occasionally offered to Demeter, Müller, § 89), and also wine (E. v 67 foll.). Theocr. v 53 foll. makes milk and oil offered to the nymphs, milk and honey to Pan: and Macrob. l. c. says that on December 21 'mulsum' was offered to the Panes.

Serv. mentions an interpretation which coupled 'Baccho' with 'cui;' but 'miti' is strongly against this, though Bacchus and Ceres are invoked together at the

terque novas circum felix eat hostia fruges, 345
 omnis quam chorus et socii comitentur ovantes,
 et Cererem clamore vocent in tecta; neque ante
 falcem maturis quisquam supponat aristas,
 quam Cereri torta redimitus tempora quercu
 det motus incompósitos et carmina dicat. 350

Atque haec ut certis possemus noscere signis,
 aestusque pluviasque et agentis frigora ventos,
 ipse Pater statuit quid menstrua Luna moneret;
 quo signo caderent austri; quid saepe videntes

beginning of Tibullus' description (II i 3), and associated, perhaps in connexion with the Ambarvalia, by Virg. himself, E. v 79.

345. 'Tunc vitula innumeros lustrabat caesa iuencos: Nunc agna exigui est hostia parva soli. Agna cadet vobis, quam circum rustica pubes Clamet: Io messis et bona vina date,' Tibull. I i 21 foll., from which it appears that the victim varied according to the circumstances of the worshipper. Cato CXXXIV speaks of a sow. In the 'Suovetaurilia' the sacrifices were carried three times round the assembled multitude, and so in the lustration of the fleet.

'Felix' is 'auspicious,' not, as Serv. thinks, 'fruitful,' there being no instance quoted where it is applied in that sense to an animal.

346. 'Chorus et s.:' 'chorus socio-rum.'

347. So Hor. Od. I xxx 3, 'vocantis Ture te multo Glyceræ decoram Transfer in aedem,' though the goddess is invited there to a chapel, not to a house.

'Neque ante.' This may be either an additional warning to the husbandman to celebrate the Ambarvalia, as an indispensable preliminary to the harvest, or an injunction to perform a second set of rites in summer time (Cato CXXXIV). The language favours the latter, as otherwise, taken strictly, it would seem to imply that the Ambarvalia might be celebrated any time before the harvest. Still it would have the awkwardness of an apparent afterthought, the mention of the second festival being almost entirely overshadowed by the first. Comp. however Tibull. II i 21, where harvest rejoicings are briefly alluded to in the middle of the description of the Ambarvalia. The ob-

servances here specified, dancing and singing, are too common to be fixed to either festival. Comp. E. v 73, 74, Tibull. II i 51 foll., Hor. Od. III xviii 15.

349. 'Quercu,' in memory of man's first food. Serv.

350. 'Det motus:' 'haud indecoros motus more Tusco dabant,' Livy VII 2, speaking of the origin of dramatic entertainments.

'Incompósitos:' 'incomposito pede,' Hor. S. I x I, of rough verses.

351-392. 'Besides, Jupiter has given the husbandman prognostics. Wind is foretold by noises on the sea, in the mountains, in the woods, by the habits of birds, by shooting stars, by down on the water. Rain is preceded by thunder and lightning, by the descent of cranes, cattle snuffing the air, swallows flying low, frogs croaking, ants carrying out their eggs, and other such signs.

351. 'Possemus' Med. (first reading) Rom., etc.; 'possimus' (Gud., Med. late corr.) was the old reading. 'Moneret' supports 'possemus.'

'Haec' is 'aestus, pluvias, agentis frigora ventos.'

'Noscere' Med. corr.; 'discere' Med. Rom. [and so Ribbeck, Conington].

352. 'Agentis frigora ventos:' 'frigora' is the important word, contrasted with 'aestus' and 'pluvias.' Ovid M. I 56 imitates, 'facientis frigora ventos.'

353. There is a slight similarity in these lines to Aratus, Diosemeia 10-13. 'Menstrua:' in her monthly course.

354. 'What should betoken the fall of the wind.' 'Signum,' σημα.

'Saepe videntes' is explained by vv. 365 foll. to mean observation of a thing frequently repeated on the same occasion,

agricolae propius stabulis armenta tenerent. 355
 continuo, ventis surgentibus, aut freta ponti
 incipiunt agitata tumescere et aridus altis
 montibus audiri fragor, aut resonantia longe
 litora misceri et nemorum increbrescere murmur.
 iam sibi tum curvis male temperat unda carinis, 360
 cum medio celeres revolant ex aequore mergi
 clamoremque ferunt ad litora cumque marinae
 in sicco ludunt fulicae notasque paludis

and thus proved not to be accidental, and not observation of the same thing on different occasions, which seems to be its force in v. 451. Natural observation is grounded by Virg. on divine warning.

356. ['Continuo,' immediately, in quick succession, as I 169, IV 254. The context might suggest in these passages a sense like that of *ἀβρία*, 'to begin with' or 'for example,' but there seems no clear instance of this sense belonging to 'continuo.']

The important words are 'ventis surgentibus.' Those that follow are prognostics of wind, almost all copied from Arat. Dios. 177-200. Many of them in turn are reproduced by Lucan V 551-567. [With the whole passage vv. 356-392 comp. Pliny XVIII 359-365, who differs, however, from Virg. in details.—H. N.]

357. Connect 'agitata tumescere.'

['Altis montibus,' probably abl. of place where (v. 6 note), but possibly of place whence. There is the same uncertainty in v. 374: see Roby 1173.]

358. 'Aridus' [of a harsh sound of breaking and tearing, Lucr. VI 119; Varro Manius 10 'tonat aridum'; Ter. Maurus 332 K of the letter R.—H. N.] So Kingsley talks of 'thunder harsh and dry.' In Greek *καρφαλέον, αὖρον, ξηρόν* are used of sounds (Hom. II. XIII 409, 444, etc.). Rom. has 'arduous.'

'Resonantia longe': *μακρόν ἐπ' αἰγιαλοὶ βοῶντες Ἄκραί τ' εἰνάλοι, ὅπου εἶδιος ἰχθυεσσαὶ γίγνονται*, Arat. I. c. Virg. has passed over *εἶδιος*.

359. 'Misceri' is explained by 'resonantia,' which acts instead of an abl. like 'murmure' A. I 124, 'tumultu' A. II 486. For the sound of the woods as a sign of wind, comp. A. X 97 foll.

360. 'Curvis' Med., Gud., 'a curvis' Rom. and two of Ribbeck's cursives, supported by Arusianus p. 264 L. Euphony

favours the omission of 'a,' which is likely to have been added by a transcriber as giving the commoner construction.

['Curvis carinis': 'carina' is the lower part of the ship's hull, not merely the keel but the 'shell' of which the curving planks form the hull. Hence the epithets 'curvae' here, 'panda' II 445 (= the open hull); Nettleship, Contr. to Latin Lex. p. 404. See Wölfflin's Archiv i 331, iii 124 for other explanations.]

'Sibi temperat' should be taken probably as one word = 'parcit,' and 'curvis carinis' as dat. There seems to be no conclusive instance of 'temperare' followed by the abl. without a preposition.

'Male': scarcely.

361. There is some difficulty in identifying 'mergi' and 'fulicae.' 'Mergi' are commonly supposed to be cormorants, but their flying from the sea before a storm leads Keightley to identify them with sea-gulls, though he admits that this does not suit Ovid's description (M. XI 794) of the 'mergus' as long-necked. 'Fulicae,' Keightley thinks, are cormorants, not coots, as Pliny XI 122 speaks of them as crested. On the other hand Cic. de Div. I 8, translating Aratus, gives 'fulix' for *ἰρωδιός*, the heron. The confusion is further increased by the want of correspondence between Virg. and Aratus. What Virg. says of the 'mergus' is said by Aratus of the heron: what Virg. says of the 'fulicae' is said by Aratus of the *αἰθυαί*, which appear from Pliny X 91 to have been the Greek equivalent to 'mergi.' [Pliny XVIII 362 speaks of 'mergi, gaviae, maria aut stagna fugientes,' as one of the signs of wind.—H. N.]

362. 'Marinae' is opp. to 'in sicco.' Lucan (V 553) agrees with Aratus, 'Aut siccum quod mergus amat.'

deserit atque altam supra volat ardea nubem.
 saepe etiam stellas, vento independente, videbis 365
 praecipites caelo labi, noctisque per umbram
 flammaram longos a tergo albescere tractus;
 saepe levem paleam et frondes volitare caducas,
 aut summa nantis in aqua colludere plumas.
 at Boreae de parte trucis cum fulminat, et cum 370
 Eurique Zephyrique tonat domus: omnia plenis
 rura natant fossis atque omnis navita ponto
 umida vela legit. numquam imprudentibus imber
 obfuit: aut illum surgentem vallibus imis
 aëriæ fugere grues, aut bucula caelum 375
 suspiciens patulis captavit naribus auras,

364. Keightley says that Virg. is more accurate here than Aratus, who makes the heron fly from the sea. Aratus however had been preceded by Theophrastus (De Sign. Vent. p. 420), *ἰρωιδιὸς ἀπὸ θαλάσσης πετόμενος καὶ βοῶν πνεύματος σημεῖον ἴστι.*

365. Vento independente: 'emphatic, like 'ventis surgentibus.' Arat. l. c. says that the wind comes from the same quarter as the shooting stars. In Geopon. I 11, on the contrary, the wind is said to come from the quarter towards which the stars shoot. [Seneca N. Q. XII 11, 'argumentum tempestatis nautae putant cum multae transvolant stellae.'—H. N.]

367. 'Flammaram: 'οἱ δ' ὄπιθεν ῥυμοὶ ὑπολευκίνωνται, Arat. l. c. But the words are from Lucr. II 206 foll., 'Nocturnasque faces caeli sublime volantis Nonne vides longos flammaram ducere tractus? . . . Non cadere in terram stellas et sidera cernis?' (Macrob. Sat. VI 1).

369. Arat. 189 makes thistle-down playing on the water a sign of wind. 'Colludere: ' they stick together and drive the same way.

370. These are the signs of rain, also taken with few variations from Arat. 201.

'Boreae: ' the meaning is, when there are thunders and lightnings from all parts of the sky, three winds being put for all, as Arat. l. c. shows.

371. 'Domus,' as if each wind had a home in the quarter of heaven from which it blows, a different conception, as Voss remarks, from the cave of Aeolus in A. I. Comp. IV 298 note.

372. 'Plenis fossis: ' comp. 'implentur fossae,' v. 326.

373. 'Imprudentibus' = 'ex improviso,' unwarned. Med. originally had 'prudentibus,' which Schrader preferred.

374, 375. 'Obfuit' in a bad sense. 'Rain has never been known to take men by surprise: there have always been these and these prognostics.' The perfects 'fugere,' etc., are used to suit 'obfuit.' 'Vallibus imis,' abl. loci, 'in the valleys,' with 'fugere; ' comp. Tac. H. III 85, 'si diem latebra vitavisset' (though 'latebra' there may be abl. instrum.). For the fact of cranes descending before rain see Aristotle, Hist. A. IX 10.

375. 'Aeriae,' high in air, describing the usual mode of the crane's flight. Hom. Il. III 7 calls cranes *ἠρίαίαι*, but the epithet there means 'early in the morning.' [In Apoll. Rhod. etc., however, it means 'high in air,' so that the misunderstanding of Homer is older than Virg.]

'Bucula: ' the whole passage to v. 387 is closely imitated from Varro Atacinus (quoted by Serv.), who himself translated Aratus:

'tum liceat pelagi volucres tardaeeque
 paludis
 cernere inexplcto studio certare lavandi
 et velut insolitum pennis infundere
 rorem:
 aut arguta lacus circum volitavit hirundo,
 et bos suspiciens caelum (mirabile visu)
 naribus aerium patulis decerpit odorem,
 nec tenuis formica cavis non evehit ova.'

aut arguta lacus circumvolitavit hirundo,
 et veterem in limo ranae cecinere querellam.
 saepius et tectis penetralibus extulit ova
 angustum formica terens iter, et bibit ingens 380
 arcus, et e pastu decedens agmine magno
 corvorum increpuit densis exercitus alis.
 iam varias pelagi volucres, et quae Asia circum
 dulcibus in stagnis rimantur prata Caystri,
 certatim largos umeris infundere rores, 385
 nunc caput obiectare fretis, nunc currere in undas,
 et studio in cassum videas gestire lavandi.

377. 'The swallow is always observed to fly low before rain, because the flies and other insects on which she feeds keep at that time near the surface of the ground and the water.' Keightley.

'Arguta,' not a perpetual epithet, but denoting that she twitters as she flies.

378. 'Vetus querella' has no reference to legend or fable, as Serv. supposes. Keightley quotes the schol. on Hor. Epod. II 26, who says that the ancients used 'querella' of the note of all animals but man. [Lucr. II 358, Virg. A. VIII 215 use the word of cattle, possibly with the notion of complaint.]

379. 'Saepius' denotes repetition (v. 354), which agrees with 'terens.' Whether it is to be extended to 'bibit' and 'increpuit' is not clear.

'Tectis penetralibus,' like 'adytis penetralibus,' A. II 297, and 'caeli penetralia templa,' Lucr. I 1105. Keightley remarks that on the contrary the ant is observed to carry in her eggs at the approach of rain. [Pliny XVIII 364 enumerates among his prognostics 'formicae concursantes aut ova progerentes.—H. N.]

380. It has been supposed from *κοιλῆς ὄχης*, Arat. 224, that 'terens angustum iter' means 'boring a narrow passage.' But 'tectis penetralibus' is the translation of *κοιλῆς ὄχης*, and 'angustum iter' is to be interpreted like 'calle angusto,' A. IV 405, 'terens' ('terere viam') being explained by 'saepius.'

381. 'Arcus:' Aratus has *διδύμη Ἴρις*. Plaut. Curc. I ii 41, 'Ecce autem bibit arcus! pluet, Credo, hercle hodie.' The rainbow was supposed to draw up moisture from the sea, rivers, etc., with its horns, and to discharge it in rain. Hence Tibull, I iv 44 and Stat. Theb. IX 405 talk

of 'imbrifer arcus.' Seneca N. Q. I 6, who refers to Virg., says that a rainbow in the south brings heavy rain, in the west slight showers and dew, in the east fair weather. Virg. of course can only mean that the appearance of the rainbow is a sign of rain, drawing up the water being assumed to be its constant function.

382. 'Densis alis' looks like a mis-translation of *τιναζόμενοι πτέρα πυκνά* in Arat. 237. It here means however 'with crowded wings.'

383. Arat. 210 foll.

'Variae' Med., Rom., Gud. originally, and so Ribbeck; 'varias' Gud. corr. Serv. mentions both, but emphatically prefers 'varias.' Virg.'s love of variety might have led him to change the construction (comp. vv. 199 foll., A. II 775, notes); but the acc. is neater, and is supported by the passage from Varro.

'Variae volucres' is common in Lucr. [meaning the different species (Munro I 589), as here.] 'Circum,' adverbial. ['Atque' (adque) for 'et quae' Med. and Rom., and so Probus.—H. N.]

384. 'Rimantur Asia prata:' search, try in every chink; 'rimaturque epulis,' A. VI 599.

'Asia prata:' II. II 461, *Ἀσίῃ ἐν λευμῶνι Καῦστρίον ἀμφὶ ῥέεθρα*. 'Caystri' with 'stagnis.' The whole clause 'quae—Caystri' is a literary amplification of Aratus' epithet *λεμναῖαι*.

385. 'Rores' implies that they make it into spray.

386. Med. corr., Rom., Gud. have 'undam.'

387. 'In cassum,' wantonly or without object; nearly the same notion as Aratus' *ἀπληστον*, Varro's 'inexpleto studio.'

tum cornix plena pluviam vocat improba voce
 et sola in sicca secum spatiat harena.
 ne nocturna quidem carpentes pensa puellae 390
 nescivere hiemem, testa cum ardente viderent
 scintillare oleum et putris concrecere fungos.
 Nec minus ex imbri soles et aperta serena
 prospicere et certis poteris cognoscere signis :
 nam neque tum stellis acies obtunsa videtur 395
 nec fratris radiis obnoxia surgere Luna
 tenuia nec lanae per caelum vellera ferri ;
 non tepidum ad solem pinnas in litore pandunt
 dilectae Thetidi alcyones, non ore solutos

388. 'Improba:' comp. 'improbans' v. 119. If it means 'ceaselessly' here, it should be taken with 'vocat,' but we may render 'like an ill spirit.' So Ladewig, 'die Hexe,' the witch, which may be illustrated by Hor. S. II v 84, 'anus improba.'

'Pluviam vocat:' Lucr. v 1084 foll., 'cornicum ut saecula vetusta Corvorumque greges, ubi aquam dicuntur et imbris Poscere, et interdum ventos aurasque vocare.' [Pliny XVIII 363 'cum terrestres volucres contra aquam clangores dabunt perfundentesque sese, sed maxime cornix . . . ardea (not cornix) in mediis harenis tristis.'—H. N.]

389. 'Spatiat' expresses the pace of the 'stately raven.' The alliteration, as in the previous verse, gives the effect of monotony.

The margins of Med. and Gud. insert a line here, 'At (or 'aut') caput obiectat querulum venientibus undis,' which is doubtless manufactured from v. 386.

390. The stress is on 'nocturna;' not even those who are shut up in doors at night are without prognostic. 'Nisi erile mavis Carpere pensum,' Hor. Od. III xxvii 64.

391, 392. From Arat. 302, 307. Aratus makes the sputtering a prognostic of bad weather generally, and the fungi a prognostic of snow. Virg. however agrees exactly with Aristoph. Wasps 262, *ἐπεισι γούν τοῖσαν λύχνους οὐτοῦ μήνητες*. Φιλί δ', ὅταν τοῦτ' ἦ, ποιεῖν νερόν μάλιστα. 'Testa,' the earthen lamp. [Pliny XVIII 358 describes similar phenomena.—H. N.]

393-423. 'When the rain is over, you

can tell whether the weather is going to be fine, by such marks as these: the moon and stars are bright, the sky free from fleecy clouds, kingfishers leave off sunning themselves, and so forth.'

393. 'Ex imbri,' after the shower you will know whether it is going to be fine or to rain again, as Wagn. remarks. Rom. has 'eximbres,' which Martyn adopted; but the word has no authority.

'Soles,' fine days. Ov. Trist. v viii 31, 'Si numeres anno soles et nubila toto, Invenies nitidum saepius isse diem.'

395. Virg. begins by negating certain phenomena, which would have been more naturally mentioned among the signs of rain. Arat. 281, *Ἥμος δ' ἀστεροθεν καθαρόν φάος ἀμβλύνηται*. [Gellius vi xvii 8 quotes this line 'Nam neque tunc astris acies obtunsa videri.'—H. N.]

396. 'Obnoxia,' beholden to. 'And the moon is bright as though she shone with her own light.' 'Non rastris, hominum non ulli obnoxia curae,' II 438. Wagn. interprets it 'not reddened by the sunset:' Heyne (Excursus on the passage) supposes the meaning to be that the moon does not rise, regarding 'fratris radiis obnoxia' as a perpetual epithet.

397. Arat. 206, 207. Lucr. vi 504 compares rain-clouds to 'pendentia vellera lanae,' referring principally to their power of imbibing moisture. [Pliny XVIII 356 'si nubes ut vellera lanae spargentur.'—H. N.]

'Tenuia,' trisyllable, as Lucr. III 383, 'tenuia fila,' and elsewhere.

398. 'Tepidum ad solem,' the afternoon or evening sun.

399. 'Dilectae Thetidi,' possibly be-

immundi meminere sues iactare maniplos. 400
 at nebulae magis ima petunt campoque recumbunt,
 solis et occasum servans de culmine summo
 nequiquam seros exercet noctua cantus.
 apparet liquido sublimis in aere Nisus,
 et pro purpureo poenas dat Scylla capillo; 405
 quacumque illa levem fugiens secat aethera pinnis,
 ecce inimicus, atrox, magno stridore per auras
 insequitur Nisus; qua se fert Nisus ad auras,
 illa levem fugiens raptim secat aethera pinnis.
 tum liquidas corvi presso ter gutture voces. 410
 aut quater ingeminant, et saepe cubilibus altis,
 nescio qua praeter solitum dulcedine laeti,
 inter se in foliis strepitant; iuvat imbris actis

cause the lovers were changed into Halcyons by Thetis: but it is simpler to say 'loved by her as sea-birds.' Comp. Theocr. VII 59. Serv. mentions a strange reading 'soluto,' i.e. nimium patenti. ['Alcyones: Thomson's Greek Birds, p. 28.]
 400. 'Meminere:' comp. 'meminere fugai, Lucr.' IV 713, and the Homeric use of *μνησθαί*.

'Iactare solutos maniplos,' to toss them so as to loosen them; toss them to pieces. Keightley says the swine carry straw in their mouths to make beds for themselves. [Pliny XVIII 364 mentions as a sign of bad weather 'turpes porci alienos sibi manipulos faeni lacerantes.'—H. N.]

401. 'Nebulae,' the clouds on the mountains. Comp. Arat. 256-258.

['Campo' abl. of place, v. 6 note, Roby 1173. Others explain as local dat. and class with it 'terrae defigitur' II 290, 'solo sternere' A. XI 485.]

403. The night-owl is a sign of fine weather, Arat. 267. 'Nequiquam,' like 'incassum'—prolonged objectless effort.

404. 'Liquido,' clear after the storms. For the story see the Ciris (where vv. 538-551 are reproduced) and Ov. M. VIII 1 foll.

407. It is best to take 'inimicus, atrox' as two epithets. Comp. 'Acer, anhelanti similis,' A. v 254.

408. Keightley explains 'qua se fert Nisus ad auras' of the greater bird having missed his pounce, and thus being obliged to soar into the air in order to make a

second, while the smaller escapes as fast as it can.

409. 'Raptim:' the primitive meaning is by a snatch or by snatches; hence eagerly, hastily, quickly. Comp. that sense of 'rapidus' in which it seems to have the meaning of 'rapio' (E. II 10 note).

410. 'Liquidas,' soft, opposed to 'raucas.' 'Presso gutture' apparently opposed to 'plena voce.' The whole passage is loosely rendered from Arat. 271-277. Aratus appears to distinguish accurately between the *ἰσημαῖος κόραξ* that cries *δισσάκις* and *πλειότεροι δ' ἀγεληδόν*. Comp. Lucr. v 1083 foll. /

411. 'Cubilibus altis' seems a loose version of *ἐπὶ ἡ κοίτοιο μέδωνται*.

412. 'Nescio qua,' etc.: *χαίρειν κέ τις ὠίσσαυρο*. The Virgilian version is characteristic.

413. 'Imbris actis' may either be 'when the rain is spent,' like 'tempus actum' (Burm.), or 'when the rain is driven away' (Heyne), but not 'when the rain has descended' (Wund., who comp. II 334). The sentence can hardly have any other meaning than that the rooks are glad to revisit their young when the showers are over, though Keightley objects that they have been driven home already by the shower, and accordingly understands 'revisere,' to review, examine the state in which they are in after the storm. Serv. asserts on the authority of Pliny that rooks are apt to forget their young and not go near them.

progeniem parvam dulcisque revisere nidos ;
 haut, equidem credo, quia sit divinitus illis 415
 ingenium aut rerum fato prudentia maior ;
 verum, ubi tempestas et caeli mobilis umor
 mutavere vias et Iuppiter uvidus austris
 denset, erant quae rara modo, et, quae densa, relaxat,
 vertuntur species animorum, et pectora motus 420
 nunc alios, alios, dum nubila ventus agebat,
 concipiunt : hinc ille avium concentus in agris
 et laetae pecudes et ovantes gutture corvi.

Sj vero solem ad rapidum lunasque sequentis
 ordine respicies, numquam te crastina fallet 425
 hora neque insidiis noctis capiere serенаe.
 luna, revertentes cum primum colligit ignis,

415, 416. An allusion to Pythagorean, Platonist, and Stoic spiritualism, which Virg. here rejects in favour of the Epicurean and Lucretian materialism. In IV 219 etc. he mentions the 'anima mundi' view without disapprobation.

'Sit : ' here as elsewhere the subj. is used of a reason not accepted as true by the speaker : Madv. § 357 b.

'Divinitus' is distinguished from 'fato,' as Virg. is apparently alluding to the language of different philosophies. 'Not, if I may judge, that Heaven has given them any spark of wit like ours, or Fate any deeper insight into things.' 'Rerum prudentia' go together. 'Maior,' 'more than usual'—more, for instance, than men have.

It seems better to follow Reiske in pointing 'Haut, equidem credo' than to keep the common punctuation 'Haut equidem credo.' 'Equidem credo' is thrown in modestly. 'Iuvat—nidos' will then be a kind of parenthesis, giving the reason for the joy of the birds, which is the main subject of the sentence. Ov. M. xv 359 however has 'Haut equidem credo.'

417. Lucr. v 1083, 'Et partim mutant cum tempestatibus una Raucisonos cantus.'

418. 'Mutavere vias' is explained by 'mobilis,' the weather and the atmospheric moisture being supposed to shift. 'Commutare viam' occurs Lucr. II 130. There is no occasion to follow Ribbeck in reading 'vices,' the conjecture of Catrou and Markland, found also in some late MSS.

'Iuppiter uvidus austris' denotes the

condition of the atmosphere before the change. Connect 'uvidus austris,' not, as Keightley, 'austris denset.' 'Umidus auster,' v. 462. Rom. and Gud. have 'umidus' here.

419. For 'denset' see on v. 248.

420. 'Species,' phases, a materialistic word. 'Motus,' also materialistic.

421. 'Alios, dum nubila ventus agebat' is to be construed parenthetically. The change from low to high spirits being the point, the second 'alios' is logically 'quam.' Comp. 'Nunquam aliud natura, aliud sapientia dicit' (Juv. xiv 321); 'alium fecisti me, alius ad te veneram' (Plaut. Trin. I ii 124).

422. For 'hinc' Med. a. m. p. has 'hic.'

Perhaps we may render 'There lies the secret of the birds' rural chorus, and the ecstasy of the cattle, and the rooks' triumphal paean.'

424-437. 'You may get prognostics too from observing the sun and moon. Obscurity in a new moon is a sign of rain : redness, of wind ; if she is clear on her fourth day, there will be fine weather to the end of the month.'

424. 'Rapidum : ' whirling.

'Sequentes,' following each other. 'Lunas' might mean either the daily or the monthly moons, but, looking to 'primum' and 'ortu quarto,' it probably means the daily.

426. Cerda comp. A. v 851, 'Caeli toties deceptus fraude sereni.'

427. These lunar prognostics are selected from Arat. 46 foll., where the subject is

si nigrum obscuro comprehenderit aera cornu,
 maxumus agricolis pelagoque parabitur imber ;
 at si virgineum suffuderit ore ruborem, 430
 ventus erit ; vento semper rubet aurea Phoebe.
 sin ortu quarto, namque is certissimus auctor,
 pura neque obtunsis per caelum cornibus ibit,
 totus et ille dies, et qui nascentur ab illo
 exactum ad mensem, pluvia ventisque carebunt, 435
 votaue servati solvent in litore nautae
 Glauco et Panopeae et Ἰηοο Melicertae.
 sol quoque et exoriens et cum se condet in undas

treated much more elaborately. Virg. has seized the three main points, dullness as a sign of rain, redness of wind, brightness of fair weather, and expressed them in language borrowed from various parts of his original. Aratus has expressed them himself yet more concisely, vv. 70 foll. :

Πάντη γὰρ καθαρῇ κε μάλ' εὐδία τεκμήριο,
 Πάντα δ' ἰρευθομένη δοκίειν ἀνέμοιο κελύ-
 θους,
 *Ἄλλοθι δ' ἄλλο μελαινομένη δοκίειν ὑετοῖο.

'Colligere' seems to imply the recalling of things scattered and their formation into a mass. 'Revertentes,' returning to her.' 'Sparsosque recolligit ignis,' Lucan I 157, of the lightning. The metaphor is perhaps from a general rallying his forces. If this seem too great a strain on the language, we may construe 'colligit' simply 'gathers,' and 'revertentes' 'reappearing.' 'What time the mighty moon was gathering light,' Tennyson.

428. 'Aera,' the air seen between the horns of the crescent moon. But the words need only mean 'if the air is dark and the crescent dull.' [The Berne scholia quote from Nigidius Figulus De Ventis lib. iv 'Si summum corniculum maculas nigras habuerit, in primis mensis partibus imbres fore ; at si in imo cornu, serenitatem debemus scire.' See also Pliny XVIII 347 foll., and Varro quoted there.—H. N.]

429. 'Agricolis pelagoque,' a poetical variety for 'agris pelagoque' or 'agricolis nautisque.'

430. 'Ore' may be abl. of place [v. 6 above, Roby 1173]. But the phrase is simply an inversion of 'suffuderit os rubore,' and here, as elsewhere (see A. I 381), Virg., in seeking for variety, seems to have had more than one possible con-

struction in his mind. It seems scarcely Virgilian to suppose 'ore' to be an old form of the dative.

431. 'Vento' might be taken either as an abl. instrum. (see v. 44), or as an abl. of circumstance (comp. 'ut in tectoriis videmus Austro,' Cic. de Div. II 27). It might be objected to the latter that the redness is a prognostic of coming wind, although we might perhaps say, 'when there is wind about.'

432. 'Is,' 'ortus quartus.' Aratus dwells on the third and fourth as the critical days, and connects his prognostics with them. Virg. first gives the unfavourable prognostics without reference to days, and then connects the favourable prognostics with one of the critical days.

'Auctor,' authority ; A. v 17, 'non si mihi Iuppiter auctor Spondeat.'

433. Virg. takes his general distinctions from Aratus, 'pura' answering to καθαρῇ, 'obtunsis cornibus' to παχίων και ἀμβλείησι κεραίας, and 'rubes' to ἰρευθης.

434. Arat. 73 foll. seems to say that the signs of the third and fourth days will only hold good for half the month.

436. 'Servati,' that have come safe to port ; not, preserved from peril as if there had been a storm. Comp. σώζεσθαι.

'In litore,' A. v 236. Rom. has 'ad litora.'

437. Taken almost verbally, according to Gell. XIII 26 (= Macrob. Sat. v 17) from a line of Parthenius,—Γλαύκῳ και Νηρεῖ (Νηρηΐ?) και Ἰνώῳ (Gell. gives ἰναλίῳ) Μελικέρτῳ. The peculiarity is that the last syllable of 'Glauco' is left open in the thesis, a licence not indulged in by Virg. elsewhere.

438-460. 'For the sun's prognostics, a spotted or hollow disc at rising is a sign

signa dabit; solem certissima signa secuntur,
 et quae mane refert et quae surgentibus astris. 440
 ille ubi nascentem maculis variaverit ortum
 conditus in nubem medioque refugerit orbe,
 suspecti tibi sint imbres; namque urget ab alto
 arboribusque satisque Notus pecorique sinister.
 aut ubi sub lucem densa inter nubila sese 445
 diversi rumpent radii, aut ubi pallida surget
 Tithoni croceum linquens Aurora cubile,
 heu, male tum mitis defendet pampinus uvas:
 tam multa in tectis crepitans salit horrida grando.
 hoc etiam, emenso cum iam decedit Olympo, 450

of rain: a cloudy or pale sunrise of hail. At sunset, dark grey spots denote rain, fiery red wind, a mixture of the two rain and wind. But a clear rising and setting betoken clear weather.'

The first part of the passage is closely imitated from Arat. 87 foll.

439. 'Secuntur,' attend. Med. and two of Ribbeck's cursives read 'sequentur.'

440. 'Refert,' probably of recurrence: see on v. 249. 'Surgentibus astris,' at sunset. [Med. has 'austtris.'—H. N.]

441. Virg. has here mixed two, and, unless 'que' in the next line is to be taken for 've,' three signs which are separate in Aratus. 'Nascentem,' etc., is a translation of *ποικίλοισι νέον βάλλοντος ἀρούρας κύκλος*, and 'medioque refugerit orbe' of *εὐίλος εἰδόμενος περιτέλλη*, which is translated by Avienus 'medioque recedens orbe.'

442. 'Condo' is naturally constructed here, as in v. 438, as a verb of motion, as it means strictly not 'to hide,' but 'to throw together' (comp. 'conicio,' 'contorqueo').

'Medioque refugerit orbe:' either (1) recedes from the middle of his disc to the circumference, or (2) retires in respect of the middle of his disc. Lucan, v 544, has a similar line, speaking of sunset: 'Orbe quoque exhaustus medio languisque recessit.' As in the case of the moon, Virg. has picked out salient points from Aratus' lengthy enumeration. [Consentius p. 398 K quotes the line with 'refulserit.'—H. N.]

443. 'Urget' without a case, A. x 433. There is the same doubt about 'ab alto' here as about 'ex alto,' v. 324. The

sense 'from the deep' is truer to nature; 'from on high' perhaps more like Virg.

445. Aratus couples this prognostic with the concavity of the disc as portending either wind or rain. Lucan, v 542, speaking of sunset, says, 'Noton altera Phoebi, Altera pars Borean ducta luce vocabat.' ['Si medius erit inanis, pluviam significabit.' Pliny XVIII 346.—H. N.]

'Sese diversi rumpent' is *σχίζόμενα*. 'Sese rumpent' = 'erumpent,' as in A. xi 549, 'tantus se nubibus imber Ruperat.' ['Sub lucem,' at daybreak, A. vi 255, etc.—H. N.]

446. The only thing answering to this in Aratus is v. 115-119; where however though the phenomenon is the same, its significance is totally opposite. [Pliny xviii 343 'si in exortu spargentur (radii) partim ad austrum, partim ad aquilonem, pura circa eum serenitas sit licet, pluviam tamen ventosque significabunt.' 'Rumpunt' Rom.—H. N.]

['Diversi:' scattered far apart, iv 367.]

447. Imitated from Il. xi 1, Od. v 1, and repeated A. iv 585, ix 460.

448. ['Defendit' Gud. originally. 'Mitis,' ripe.—H. N.]

449. Comp. *φορῖσσοντας ὄμβρους*, Pind. Pyth. iv 81. The radical notion of 'horridus' seems to be that of erect points.

450. If 'hoc' refers to what goes before, it may mean either generally the sun's significance, or specially the particular fact just noted, that being taken as a type of the others, which are supposed to be yet more significant in the evening than in the morning. Aratus, v. 158, says, 'Ἐσπερίοις καὶ μᾶλλον ἐπιτρέπε σήμασι τούτοις' (the last three words are other-

profuerit meminisse magis ; nam saepe videmus
 ipsius in voltu varios errare colores :
 caeruleus pluviam denuntiat, igneus Euros ;
 sin maculae incipient rutilo inmiscerier igni,
 omnia tum pariter vento nimisque videbis 455
 fervere. non illa quisquam me nocte per altum
 ire neque a terra moneat convellere funem.
 at si, cum referetque diem condetque relatum,
 lucidus orbis erit, frustra terreberè nimbis,
 et claro silvas cernes Aquilone moveri. 460
 denique, quid vesper serus vehat, unde serenas

wise read ἀληθία τεκμήρια,) Ἐσπερόθεν γὰρ ὁμῶς σημαίνεται ἐμμενές αἰεὶ. This points to the latter of the two interpretations suggested, 'hoc' being σήμασι τούτοις. But it is possible that Virg. may refer to what follows, and that 'nam' v. 451 has the force of 'nempe' (see II 398), explaining rather than justifying the words preceding it.

Gud. and two other of Ribbeck's cursives have 'decedet,' which Heyne retained.

451. Comp. Arat. 102-107. After 'nam' understand 'tum' at evening.

452. 'Errare,' ἐπιτρέχει.

453. 'Caeruleus' (note on v. 236), μελανεῖ. 'Igneus,' ἔρεθος.

454. A translation of εἰ γε μὴν ἀφοτέρων ἀνυδὺς κεχρωσμένος εἶη. 'Maculae' must therefore relate to 'caeruleus,' and 'igni' to 'igneus.'

['Incipient' Med. corr.; 'incipiunt' Med., Rom., Gud.—H. N.]

456. 'Fervère:' Virg. also uses 'ef-fervo,' 'strido,' and 'fulgo.' 'Non' is for 'ne'; see III 140, A. XII 78 note.

457. Ribbeck reads 'moveat' from Med. a m. p., it is difficult to see why.

'Convellere funem,' cast loose the rope fastening the ship to the shore.

458. Arat. 126 foll. Aratus says that if the sun sets without cloud but there are red clouds above, then there is no danger of rain next morning or at night. Virg. omits half the prognostic, and extends the rest to the morning.

459. 'Frustra terreberè nimbis' appears at first sight to mean 'you need not be frightened by clouds, if there are any,' implying that there are likely to be some. But the words seem to be a rhetorical

translation of Arat. l. c. οὐ σε μάλα χροὶ Αἴθριον οὐδ' ἐπὶ νυκτὶ περιτρομέειν ὑετοῖο.

460. 'Claro' marks that the fear of 'nimbi' is vain.

461-491. 'In short, the sun is your great prognosticator of weather; and not of weather alone. He gives signs of sudden and secret commotions, as lately when he darkened himself in grief for the death of Caesar, though in truth that was a time for other portents in earth, sea, and sky—dogs howling, owls hooting, volcanic eruptions, and many more—all prelusive to a second battle of Roman against Roman, fought in the same country as the first, and leaving relics to be turned up in distant days by the husbandman.'

461. 'Vehat:' Med. (first reading) and Rom. have 'ferat.' But 'nescis quid vesper serus vehat' was a Roman proverb, and formed the title of one of Varro's Menippean Satires. Gell. XIII 11, Macrob. Sat. I 7. 'The secrets which evening carries on his wing.'

'Unde serenas Ventus agat nubes' seems to be explained by the previous line. The sun gives prognostics of fair winds producing fair weather. 'Serenas agat nubes' is either 'agat nubes ita ut serenum sit caelum,' or, as Mr. Blackburn thinks, brings clouds prognosticating fine weather. [Nonius p. 175 in a note on 'seresco' says that Virg. here is using 'serenas' 'docte' in the sense of 'siccus,' and quotes 'arida nubila' from G. III 197. This note occurs in a shorter form in the Berne scholia. There seems no reason against taking 'serenas' as = dry, rainless.—H. N.] Probably Virg. is loosely summing up the minute directions in Arat. 880-889.

ventus agat nubes, quid cogitet umidus Auster,
 sol tibi signa dabit. solem quis dicere falsum
 audeat? ille etiam caecos instare tumultus
 saepe monet fraudemque et operta tumescere bella.
 ille etiam extincto miseratus Caesare Romam, 466
 cum caput obscura nitidum ferrugine textit,
 impiaque aeternam timuerunt saecula noctem.
 tempore quamquam illo tellus quoque et aequora ponti
 obscenaque canes importunaeque volucres 470
 signa dabant. quotiens Cyclopum effervere in agros

462. 'Cogitet': Heyne comp. Hor. Od. I xxviii 25, 'quodcumque minabitur Eurus.' Forb. comp. Id. Od. IV xiv 25, 'Aufidus—Diluvium meditatatur agris.' 'The hidden purpose of the rainy South.'

463. Manil. II 134, 'Quod fortuna ratum faciat, quis dicere falsum Audeat?'

464. 'Tumultus,' a sudden alarm of war, generally in Italy or Cisalpine Gaul. So A. VI 858, 'magno turbante tumultu.'

465. 'Fraudem,' unseen danger or treachery, as is shown by 'caecos tumultus' and 'operta bella.'

466. 'Ille etiam' is parallel to 'ille etiam' v. 464, being in fact only a stronger form of the copulative. 'Miseratus' need merely mean 'showed his sympathy with Rome's loss,' though it might also imply that the sun sent a friendly warning of the evils that were yet to come.

467. [Compare Ovid M. xv 789, 'caerulus et vultum ferrugine Lucifer atra Sparsus erat.' Tibull. II v 75, Lucan I 522. Serv. and most commentators say that the sun was eclipsed in the April or November after Caesar's death, but some astronomical calculations made for me show that no solar eclipse was visible in Italy in B. C. 44, and the same conclusion is reached by G. Hofmann in a tract on ancient eclipses (Triest, 1884). Pliny II 98, Dio XLV 17, and Plutarch Caes. XVII speak of a paleness of the sun in that year, and it is probable that the sun's light was then affected by sunspots or abnormal meteorological conditions or volcanic dust (v. 471). Keightley compares the phenomena of 1783, when Calabria was devastated by earthquakes and eruptions and the atmosphere of all Europe obscured.]

'Ferrugo,' properly dark blue, [or dark violet (Munro Lucr. IV 761), hence generally 'dark' as here. See Nonius p. 549

'ferri similem esse volunt, vere autem est caeruleus'; Plaut. Miles IV iv 43 'is colos thalassicus'; Servius on A. IX 582 'vicinus purpurae subnigrae'; Ovid (above) and Virg. A. VI 303, 410 couple it with 'caerulus.' Virg. uses it of hyacinth blooms (G. IV 183), Charon's boat (A. VI 303), purple (IX 582, XI 772). It seems to have no connexion with iron rust.]

468. 'Impia,' unnatural. — H. N.; 'saecula,' race, like 'mortalia saecula' in Lucr.

469. 'Quamquam:' though, if we are to speak of the sun's significance to the world as well as to the husbandman, it was not the sun alone. 'Tellus,' by earthquakes, vv. 475, 479: *σεισμός μάγας γενόμενος*, Dio I. c.

470. 'Obscena,' Med., 'obsceni,' the other MSS. The fem. seems usual; 'Visaeque canes ululare per umbram,' A. VI 257.

['Obscena' ill-omened, A. XII 876, etc. Mr. Nettleship, Contrib. to Latin Lex., connects the word with 'obscurus' (cf. 'alienus,' 'alius'), 'obscurus,' 'op-acus,' etc., in the sense of dark, unfit for light.] 'Importunae' [restless, homeless. The word is derived from 'portus,' a home; hence (1) its meaning here, A. XII 864 (unquiet), XI 305 'bellum importunum' (ceaseless), (2) wild, cruel, as often in Cic. Liv.—Nettleship, Contr. to Latin Lex. Others take the primary sense to be 'not offering harbour' (*ἀξενος*), i.e. dangerous or cruel; hence, here, 'inuspicious,' as Con. took it, virtually synonymous with 'obscaenae.']

471. 'Signa:' rooks picked out an inscription in the temple of Castor, a pack of dogs howled at the door of the chief pontiff, Dio I. c. 'Tristia mille locis Stygius dedit omina bubo,' Ov. I. c.

vidimus undantem ruptis fornacibus Aetnam,
 flammaramque globos liquefactaque volvere saxa!
 armorum sonitum toto Germania caelo
 audiit; insolitis tremuerunt motibus Alpes. 475
 vox quoque per lucos volgo exaudita silentis,
 ingens, et simulacra modis pallentia miris
 visa sub obscurum noctis; pecudesque locutae,
 infandum! sistunt amnes terraeque dehiscunt
 et maestum inlacrimat templis ebur aeraque sudant.
 proluit insano contorquens vertice silvas 481

Serv. says night-birds appeared by day; so Lucan l. c. 'dirasque diem foedasse volucres.' So Shakespeare, *Jul. C.* i 3, 'And yesterday the bird of night did sit, Even at noonday, upon the market-place, Hooting and shrieking.'

'Dabant' seems to imply that these portents occurred before Caesar's death, as warnings of the crime and harbingers of the calamity, which is the meaning of *Ov. l. c.* Virg. however may mean that they were signs of the anger of the gods at the parricide, and prognostics of civil war as a punishment. Dio describes the portents as following Caesar's death, and speaks as if they were regarded by some as omens of the subversion of the republic. *Cic. Phil. IV* 4 makes another use of them. *Hor. Od. IV* 2 treats the prodigies in the same spirit as Virg., apparently regarding them as penalties from heaven for the civil wars. The phenomena were doubtless spread over a considerable period.

472, 473. 'Undantem' refers to the lava. 'Fornacibus' is suggested by 'Cyclopum.' 'Volvere' is the lava stream. 'Liquefacta saxa:' comp. *A. III* 576. With the language comp. *Lucr. VI* 680-693. Serv. quotes from *Livy* a statement that before the death of Caesar there was an eruption of Aetna so tremendous as to be felt even at Rhegium.

474. 'The noise of battle hurtles in the air,' *Shaksp. Jul. C.* II 2. Comp. *A. VIII* 526 foll., *Ov. M. XV* 783, 'Arma ferunt nigras inter crepitantia nubes, Terribilisque tubas auditaque cornua caelo Praemonuisse nefas.'

475. The belief of the ancients that earthquakes took place in the Alps from time to time (*Pliny II* 194), is confirmed by modern experience, though Heyne suggests that avalanches may have been

mistaken for them. *Lucan l. c.* has 'veteremque iugis nutantibus Alpes Discussere nivem.' 'Montibus,' *Med., Rom. corr.*

476. 'Eodem anno M. Caedicius de plebe nuntiavit tribunis se in Nova via, ubi nunc sacellum est (sc. Aii Locutii), supra aedem Vestae vocem noctis silentio audisse clariorem humana, quae magistratibus dici iuberet Gallos adventare,' *Livy V* 32; comp. *Juv. XI* 111. So the voice, *μεταβαίνωμεν ἐντεῦθεν*, from the Temple just before the taking of Jerusalem, *Josephus, Bell. Iud. VI* iii 3; *Tac. H. V* 13. 'Lucos' shows that the voice was divine. So *Ov. l. c.* has 'sanctis lucis.'

477. 'Simulacra modis pallentia miris,' *Lucr. I* 123 [quoted in the *Berne scholia*, and imitated again by *Virg. IV* 309; *A. I* 354, *VI* 738, x 822.]

478. 'Pecudesque locutae:' the old portent 'locutus bos.' 'Infandum' calls attention to its unnatural horror.

479. 'Sistunt,' intransitive. The cause of 'sistunt' is given in 'terrae dehiscunt,' the earthquake. The same portent seems pointed to by *Horace*, 'Vidimus flavum Tiberim retortis Litore Etrusco violentem undis,' *Od. I* ii 13.

'Terrae' generally means the whole expanse of the earth; here it implies that there were numerous earthquakes.

480. 'Templis,' abl. of place (v. 5).

'Ebur' and 'aera' are ivory and bronze statues, the material being put for the object. So 'ebur' for an ivory pipe, *II* 193; 'spirantia aera,' *A. VI* 848. *Ov. M. XV* 792, 'Mille locis lacrimavit ebur.' 'Inlacrimat' seemsto mean 'weeps over Caesar.'

481. *Dio l. c.* says ὁ τε Ἡριδανὸς ἐπὶ πολὺ τῆς περὶ γῆς πελαγίσας ἐξαίφνης ἀνεχώρησε, καὶ παμπληθεῖς ἐν τῷ ξηρῷ ὄφεις ἐγκατέλιπε. [*Acron* on *Hor. Od. IV* iv 67 quotes a variant 'proruit.'—*H. N.*]

fluviorum rex Eridanus, camposque per omnis
 cum stabulis armenta tulit. nec tempore eodem
 tristibus aut extis fibrae apparere minaces
 aut puteis manare cruor cessavit, et altae 485
 per noctem resonare lupis ululantibus urbes.
 non alias caelo ceciderunt plura sereno
 fulgura, nec diri totiens arsere cometae.
 ergo inter sese paribus concurrere telis
 Romanas acies iterum videre Philippi; 490

482. The notion of overflowing is expressed here metrically by a crasis, as in v. 295 by a hypermeter.

'Campos—tulit,' repeated (with the substitution of 'trahit') A. II 499.

484. 'No respite was there in those fearful days to the threatening filaments that overcast the sullen entrails, or to the blood that welled from springs in the ground, or to the howling of wolves by night, echoing through our steep-built towns.' 'Fibrae,' according to Varro, L. L. v 79, [Fest. p. 90 M.] and Serv. on v. 120, A. VI 599, x 176, are the extremities of the liver. Cels. IV II says that the lungs are divided into two 'fibrae,' the liver into four. What the point to be observed with regard to them was does not appear. Cic. de Div. I 10 says 'quid fissum in extis, quid fibra valeat, accipio,' which would almost seem as if the mere existence of a 'fibra' was a phenomenon: but he may merely mean what good or evil can be prognosticated from the state of the 'fibra.' Ovid's language here is parallel to Cicero's: 'magnoque instare tumultus Fibra monet, caesumque caput reperitur in extis.' Inauspicious appearances during sacrifice happened to Caesar himself, Suet. Jul. 81. Dio l. c. speaks of a bull leaping up after sacrifice.

485. 'To run from wells,' as if there were springs of blood. Ov. l. c. speaks of bloody rain.

486. 'Resonare' depends on 'cessaverunt.' 'Altae' seems to point to the position of the Italian cities on hills, II 156. Wolves entering Rome are several times mentioned in Livy as portents.

'Ululare' of wolves, A. VII 18, of dogs A. VI 257.

487. 'Serenus' thunder in a clear sky converted Horace. 'Namque Diespiter Igni corusco nubila dividens Plerumque

per purum tonantis Egit equos volucrumque currum,' Od. I xxxiv 5. Dio l. c. speaks of lightning striking the temple of Victory, but not of a clear sky. A correction in Gud. has 'sinistro,' [a reading which is mentioned in the Berne scholia, and may be right, 'serenus' being a gloss. —H. N.]

488. 'Totiens arsere cometae:' Voss suggests that they were meteors. Dio says λαμπράς ἀπ' ἀνίσχοντος ἡλίου πρὸς δυσημῆς δίδραμε, καὶ τις ἀσθηρ κωνὸς ἐπὶ πολλὰς ἡμέρας ὤφθη.

489. 'Ergo:' the murder of Caesar led to a retribution on Rome, which was foreshadowed by all these portents.

'Paribus:' they were Romans on both sides. 'Pares aquilas et pila minantia pilis,' Lucan I 7.

490, 491. We need not suppose that Virg. actually confounded the sites of the battles of Pharsalia and Philippi, as 'iterum' may go with 'concurrere,' the sense being 'the issue of all was a second civil war.' But in the next line he dwells on the fact that both were fought in the north of Greece with something less than geographical accuracy, extending Emathia, which was a name of Paeonia, and afterwards of Macedonia, so as to cover Thessaly. Later writers were still less strict, probably, as Merivale (Hist. Rom. iii 214, ed. 1) suggested, mistaking Virg., whom they imitated. Ov. M. xv 824, 'Emathiaque iterum madefient caede Philippi,' may mean no more than Virg. does. But Manil. I 906, Lucan I 680 etc., Juv. VIII 242 distinctly confuse the sites. [Serv. and one of the notes in the Berne scholia say: 'Philippi civitas Thessaliae in qua primo Caesar et Pompeius, postea Augustus et Brutus dimicaverunt.' Another note in the Berne scholia is more accurate.—H. N.]

nec fuit indignum superis, bis sanguine nostro
 Emathiam et latos Haemi pinguescere campos.
 scilicet et tempus veniet, cum finibus illis
 agricola, incurvo terram molitus aratro,
 exesa inveniet scabra robigine pila,
 aut gravibus rastris galeas pulsabit inanis,
 grandiaque effossis mirabitur ossa sepulchris.
 di patrii, Indigetes, et Romule Vestaque mater,
 quae Tuscum Tiberim et Romana Palatia servas,

495

491. 'Nor did it seem too cruel in the eyes of the gods.' Comp. 'Cui pulchrum fuit in medios dormire dies,' Hor. Ep. I ii 30, and for the absolute use of 'indignum' with the ethical dative, 'Sat fuit indignum, Caesar, mundoque tibique,' Lucan x 102. [Markland conj. 'superi' for 'superis,' which is favoured by the remark of Servius and the Berne scholia, 'quasi exclamatio est ad deos.'—H. N.]

492. 'Pinguescere:' Hor. Od. II i 29. Plutarch, Marius 21, says that Archilochus spoke of the plains as fattened by human bodies—perhaps the earliest that did so. Aesch. Theb. 587, τήνδε πικρῶ χθόνα, is sometimes taken to mean this.

493. 'Yes, and the time will come when in those borders the husbandman, as with his crooked plough he upheaves the mass of earth, will find, devoured by a scurf of rust, Roman javelins, or strike his heavy rake on empty helms, and gaze astounded on the gigantic bones that start from their broken sepulchres.' 'Agricola' is probably meant to recall the reader to the real subject of the poem. In any case it is an unconscious testimony to the arts of husbandry as more permanent than those of war.

494. Lucr. v 932, 'Nec robustus erat curvi moderator aratri Quisquam, nec scibat ferro molirier arva.' 'Molitus' perhaps suggests that the relics of Pharsalia would be buried deep by age.

495. 'Pila' is emphatic; it was the characteristic Roman weapon. So Lucan I 7, cited on v. 489.

'Scabra robigine,' Catull. LXVIII 151.

496. 'Inanis' is emphatic, as the hollowness would affect the sound, at the same time that it reminds us that the heads which wore the helmets have long since mouldered away.

497. 'Grandia' refers to the notion that

mankind degenerated. Juv. xv 69, 'Nam genus hoc vivo iam decrescerat Homero; Terra malos homines nunc educat atque pusillos' [and Mayor's note].

'Effossis,' broken into by plough or harrow.

498-514. 'We have a Caesar yet: spare him to us, ye gods, though ye may well call him away from a world like ours, where right and wrong are inverted, husbandry gives way to arms, war rages from east to west, cities of the same land are arrayed against each other, and humanity is whirled on like a charioteer in a race mastered by his horses.'

498. [Compare the similar invocations in Ovid Met. xv 861, Livy VIII 9, and] Hor. Od. I 2.

'Indigetes:' [this word, as used by Virgil, Ovid, Livy, and others, seems to denote national or indigenous deities, even including national heroes like Romulus (A. XII 794), but the exact sense was apparently unknown even in Virgil's time. The Roman scholars gave various accounts, e.g. that it applied to all gods alike, that it denoted Lares, Penates, and other gods whose special names were unknown (so prob. Verrius Flaccus; comp. Lucan I 556): Serv. says 'proprie sunt dii ex hominibus facti, abusive omnes generaliter.' Modern scholars differ equally: Mr. Nettleship derives the word from 'in-dic-' i.e. one proclaimed as god, and suggests that originally it included all the gods of Italian towns, but was later reserved for the oldest (Contrib. to Latin Lex. p. 483). See also Roscher's Lex. Mythol. and Marindin in Class. Dict.]

499. 'Tuscum Tiberim:' probably the old connexion of Etruria with Rome was in Virg.'s mind here, as it obviously was in the Aeneid.

'Romana Palatia:' the Palatine was the hill of Romulus and his city.

hunc saltem everso iuvenem succurrere saeclo 500
 ne prohibete! satis iam pridem sanguine nostro
 Laomedontae luimus periuria Troiae;
 iam pridem nobis caeli te regia, Caesar,
 invidet, atque hominum queritur curare triumphos;
 quippe ubi fas versum atque nefas: tot bella per orbem,
 tam multae scelerum facies; non ullus aratro 506
 dignus honos; squalent abductis arva colonis,
 et curvae rigidum falces conflantur in ensem.
 hinc movet Euphrates, illinc Germania bellum;

500. 'Hunc saltem:' as the gods had snatched away Caesar. 'Saeculum' answers exactly to 'the age.'

['Iuvenem:' he was only nineteen when he began his career in 44 B.C., as he observes himself, *Mon. Ancyr. 1*, and his youth is emphasized by Cicero ('*adulescens vel puer potius*,' etc.) and Virgil *E. 1 43*, writing not long after. Later writers continue the idea, as Virgil here, Horace *Od. 1 ii 41* (probably B.C. 29): a hieroglyphic inscr. at Philae, dated B.C. 29, calls him 'the beautiful youth,' and his youthful head appears on his coins after 27 B.C. Contrast Shakespeare's 'peevish school-boy.']

502. Hor. (*Od. 111 iii 21*) indulges in the same affectation of antiquarian superstition, a spirit to which it must be allowed that the *Aeneid* itself ministers. [But Hor., as Mommsen has shown, concealed a political meaning under the antiquarianism of *Od. 111 3*; Virgil's allusion here to Troy seems purely learned and literary.] The line itself is nearly repeated *A. IV 541*.

504. This was written probably before Octavian had enjoyed his triple triumph in B.C. 29, though he had had more than one ovation. But Virg. speaks to him, as Forb. remarks, as if to live on earth were synonymous with to triumph. Yet there is something strange in the expression 'human triumphs,' unless we suppose the poet to intend some still more extravagant compliment. Perhaps the feeling may be that the human victor was all but a god ('*Res gerere et captos ostendere civibus hostis Attingit solum Iovis et caelestia temptat*,' Hor. *Ep. 1 xvii 33*), but that Caesar might rise higher. Hor. treads closely in the steps of Virg. '*Hic magnos potius triumphos, Hic ames dici pater atque princeps*' (*Od. 1 ii 49*).

505. 'Ubi' = 'apud quos,' sc. 'hominines.'

'Quippe' assigns the reason why heaven grudges Caesar to so thankless a sphere.

'Versum,' inverted, not overturned. *Comp. Hor. Epod. v 87, 88*. '*Venena magnum fas nefasque non valent Convertere humanam vicem*,' [*Ov. M. vi 585*, '*fasque nefasque confusura ruit*.'—H. N.]

506. 'Aratro' is probably dative. 'The plough has none of its due honour.' '*Honos erit huic quoque pomo*,' *E. 11 53*. But it might possibly be the abl. 'The plough is thought worthy of no honour.'

The language is like *A. vii 635*, '*Vomeris huc et falcis honos, huc omnis aratri Cessit amor*.' Here and in the two following lines the subject of the *Georgics* is kept before the eye.

507. 'Squalent,' [grow hard and rough for want of ploughing.] 'Abductis,' taken away to serve as soldiers. Keightley.

508. 'Curvae' and 'rigidum' seem to be opposed, and 'rigidum' to refer to the straight Roman sword.

['Formantur' for 'conflantur' Nonius p. 380, and Servius on *A. xii 304*, both in a note on the word 'rigidus.'—H. N.]

509. [It is doubtful if this refers to any particular wars. The Parthian frontier was continuously quiet from 40 to 31; in the West, Agrippa crossed the Rhine in 38, and Carrinas repulsed the Suebi at an unknown date between (probably) 37 and 30 (*Dio LI 21*). Most edd. suppose Virg. here to allude to 38: Mr. Nettleship preferred 32, to which date he conjecturally assigned the success of Carrinas, and Ribbeck (*Prol. p. 16*) took a similar view. But the events of the year, a Parthian foray and (if we admit it) the victory of Carrinas were unimportant. The wording of the line resembles *E. 1 62*, and the meaning

vicinae ruptis inter se legibus urbes 510
 arma ferunt; saevit toto Mars impius orbe;
 ut cum carceribus sese effudere quadrigae,
 addunt in spatio, et frustra retinacula tendens
 fertur equis auriga, neque audit currus habenas.

probably is (as Serv. says) 'undique bellum movetur.' Vv. 510-511 might refer to Antony, who began to arm against Octavian in 32, but the language is vague. If the lines were meant to refer to definite events of about 32, we should have expected Dacia (II 497) rather than Germania.]

510. 'Vicinae urbes:' [Dio I. 6 clearly implies that some Italian cities, esp. those in which veterans of Antony were settled, gave trouble to Octavian: such a city was Bononia.—H. N. The words, however, need be no more than the antithesis of the preceding line.] 'Ruptis inter se legibus,' breaking the laws which bound them together. 'Legibus,' the laws of civil society. Forb. comp. A. VIII 540, 'Poscant acies et foedera rumpant.'

511. 'Impius' is emphatic; most of the wars of the time were connected directly or indirectly with the civil conflict.

512. 'Carceribus:' the 'carceres' were stalls at the end of the circus, with gates of open woodwork, which were opened simultaneously to allow the chariots to start.

513. ['Addunt in spatio:' so Med.

(omitting 'in'), Gud., the Berne scholia, the Bamberg and Munich MSS. of Quintilian VIII iii 78, the Vaticanus of Serv., and Sil. XVI 373 (imitating this line) 'Iamque fere medium evecti certamine campum In spatio addebant.' The Berne scholia explain thus: 'propria vox circi, equi enim cursus spatio addere dicuntur' (H. N.). Rom. has 'addunt spatia;' Med. late corr. and most MSS. of Serv. 'addunt in spatia,' and so Ribbeck, Conington, and most edd. since Burmann, who explain it as = 'addunt (se) in spatia,' throw themselves on the course, or 'addunt (gradum)' or 'addunt (spatia) in spatia.' The ellipse, which must be assumed with either reading ('spatio' or 'spatia'), seems unparalleled.]

514. 'Fertur equis,' like ἀστομοὶ πῶλοι βίᾳ φέρουσιν, Soph. El. 725. Comp. A. I 476. For 'audit' comp. Hor. Ep. I xv 13, 'equi frenato est auris in ore;' and for 'currus (= equus) audit,' Pind. Pyth. II 21, ἄρματα πεισιχάδωνα, and below III 91. Serv. suggests that the charioteer hurried on by the furious horses is Octavian, who cannot bridle the evils of the age; but this hardly agrees with v. 500.

LIBER SECUNDUS.

THE subject of this book is the culture of trees, especially of the vine, but there is no great regularity in the mode of treatment. Virgil opens with an enumeration of the different ways of propagating trees, natural and artificial, so as to indicate the magnitude of the theme; then he shows how art can improve upon nature, and recurs to the manifoldness of his subject, dwelling especially on the innumerable varieties of vines. Without much relevancy he talks of trees indigenous to different countries, and is thence drawn into an eulogy (vv. 136-176) of Italy, which he does not fit with any practical application. The question of the aptitudes of various soils (vv. 177 foll.) is treated more widely than the subject of the book requires, embracing the choice of corn and pasture land as well as of ground for planting trees. For the next 160 lines (vv. 259-420) the poet seems to be thinking exclusively of the vine or of trees planted in the 'arbustum' as its supporters. He does not distinguish between the different modes of rearing the vine, but appears to assume that the 'arbustum' will be adopted. He speaks of the vine and its supporters almost indifferently, as objects more or less of the same culture, so that, while keeping the former prominently before him, he feels himself at liberty to use general language, or even to confine his language to the latter, as metrical convenience or poetical variety may suggest; a manner of speaking which renders this part of the book peculiarly difficult, at least to an unprofessional commentator. The olive, which was put forward prominently in the programme of the book, is disposed of in a very few lines (vv. 420-425), as requiring hardly any culture. The other fruit-trees (vv. 426-457) are dismissed even more briefly, and the remaining trees receive a very hasty recommendation to the cultivator, backed with an assurance that they are even more useful to man than the vine. In the celebrated digression (vv. 458 foll.) which concludes the book, the laborious aspect of a country life, elsewhere so prominent, is kept out of sight, and we hear only of ease, enjoyment, and plenty. Its interest as bearing on the tastes of the poet himself has been noticed in the general Introduction to the Georgics.

The beauties of this book have always been admired, and deservedly so. They are most conspicuous in the digressions; but the more strictly didactic part contains innumerable felicities of expression, though it may be doubted whether in general they do not obscure the practical meaning as much as they illustrate it—whether in fact they do not constitute the strongest condemnation of that school of poetry of which they are so illustrious an example. [The debt of Virgil to Lucretius is perhaps even greater in this book than in the other Georgics: examples are quoted by Mr. Munro on *Lucr.* i 78, iii 449.]

As in the case of Book I, we can say nothing of the date. Vv. 171, 172 seem to have been written just after Actium; but the passage to which they belong is precisely one which may have been introduced after the bulk of the poem was composed. [Vv. 497 foll., 505 foll., may allude to the events of 33-32 B.C.—H. N.]

HACTENUS arborum cultus et sidera caeli,
 nunc te, Bacche, canam, nec non silvestria tecum
 virgulta et prolem tarde crescentis olivae.
 huc, pater o Lenaeae; tuis hic omnia plena
 muneribus, tibi pampineo gravidus autumnno 5
 floret ager, spumat plenis vindemia labris;
 huc, pater o Lenaeae, veni, nudataque musto
 lingue novo mecum dereptis crura coturnis.

Principio arboribus varia est natura creandis.

1-8. 'Thus far of tillage and seasons: now of the vine, the trees of the plantation, and the olive. May the patron of the vine assist me, helping the poet as he helps the vine-dresser.'

1. 'Arborum cultus' is the general subject of Book 1; 'sidera caeli' refers to vv. 204-258, and perhaps to the prognostics which occupy the latter part of that book.

'Hactenus,' sc. 'cecini.' Comp. Aesch. Cho. 143, ἡμῖν μὲν εὐχὰς τάσδε, τοῖς δ' ἰναρτοῖς λέγω, κτλ.

Rom. is wanting from this line to v. 215, and till v. 138 Med. is the only extant first-class MS. (except Ver. 92-117).

2. 'Virgulta:' Voss and Wagn. rightly observe that the forest-trees are introduced principally as forming the supporters of the vine, so that there may be a special propriety in 'tecum.' [*Virgulta* pro infelicibus arboribus posuit, quibus in Italia vites cohaerent.' Berne schol. and Serv.—H. N.] 'Virgulta,' a number of twigs, hence applied to bushes and low or young trees, which here seem to be taken as the type of such trees as the husbandman cultivates.

'Silvestria' seems to be used vaguely.

3. Hesiod, as reported by Pliny xv 3, said that the 'sator' (perhaps the sower) of an olive never saw its fruit. Theophr. De Caus. Plant. i 9 called the olive *δυσ-αυξής* contrasting it with the vine. Hence Varro i 41 recommends that it should not be raised from seed (see below, vv. 56 foll.).

4. 'Huc' may be elliptical, like *δέτρο*: but 'veni,' v. 7, smooths over the ellipse, which is at least unusual.

'Pater:' 'Omnem deum necesse est inter sollempnis ritus patrem nuncupari; quod Lucilius in deorum concilio iridet (Sat. i 9, Müller): Nemo ut sit nostrum, quin aut pater optumu' divum, Aut Nepetunu' pater, Liber, Saturnu' pater, Mars,

Ianu', Quirinu' pater, siet ac dicatur ad unum,' Lactant. iv 3. Compare the equally general application of *ἄναξ* to the gods of Greece. Virg., while showing his ritual learning and giving the invocation an air of pontifical solemnity, doubtless thought of Bacchus as patron of men and giver of increase to the fruits of the earth.

'Tuis hic omnia plena:' Virg. fancies himself surrounded by the gifts of autumn, of which he is going to sing. To conceive of him as meaning that he actually writes in autumn would be less natural. A modern poet (Keats at the opening of *Endymion* is an instance) might introduce such a personal specification.

5. 'Tibi' seems to express the acknowledgment of nature to its author and sustainer; see i 14 and v. 15 below.

'Autumno' may be temporal or constructed with 'gravidus' in the sense of the fruits of autumn, like *ἄπώρα*.

8. 'Mecum:' comp. 'Ignarosque viae mecum miseratus agrestis,' i 41, and 'una,' v. 39 below.

Med. has 'direptis;' see i 269.

'Coturnis:' Vell. P. ii 82, of Antonius, 'Cum redimitus hedera coronaque velatus aurea et thyrsum tenens coturnisque succinctus curru velut Liber pater vectus esset Alexandriae.' Bacchus was represented with hunting buskins, which would naturally form part of his fawn-skin dress. Virg., professing to write with a view to practice, identifies the poet with the husbandman, and invokes Bacchus at the opening of his subject, as if the aid he required were in the vine-dresser's occupation.

9-34. 'Trees are propagated in various ways, some natural, some artificial.'

9. 'Varia est natura' includes all the modes by which trees are generated, down to v. 34. Of these modes there are two-

namque aliae, nullis hominum cogentibus, ipsae 10
 sponte sua veniunt camposque et flumina late
 curva tenent, ut molle siler, lentaeque genestae,
 populus et glauca canentia fronde salicta;
 pars autem posito surgunt de semine, ut altae
 castaneae, nemorumque Iovi quae maxima frondet 15
 aesculus, atque habitae Grais oracula quercus,
 pullulat ab radice aliis densissima silva,
 ut cerasis ulmisque; etiam Parnasia laurus
 parva sub ingenti matris se subicit umbra.
 hos natura modos primum dedit; his genus omne 20
 silvarum fruticumque viret nemorumque sacrorum.

divisions. The first division (vv. 10-21), generation without the help of man, is subdivided into spontaneous generation (vv. 10-13), generation by seed (vv. 14-16), and generation by suckers (vv. 17-19). 'Nullis hominum cogentibus' really specifies the first division, though it nominally belongs only to its first subdivision.

'Arboribus creandis,' like 'habendo pecori,' I 3. 'The law of the production of trees is various.'

'Natura : ' note on v. 20.

10. Virg. is supposed by Heyne and others to refer here to production by invisible as distinguished from visible seeds, agreeably to a distinction made by Varro I 40. But from v. 49 it seems as if he believed in strictly spontaneous generation.

11. 'Ipsae' and 'sponte sua,' in spite of a subtle distinction attempted by Voss, are a tautology. 'Veniunt,' I 54.

12. 'Curva' calls attention to the bends of the river, and shows that the trees grow along its side. The scanty notices of the 'siler' do not enable us to identify it: it is conjectured to be the osier. See Keightley, *Flora Virg.* [and Bubani, p. 105, who enumerates various identifications but accepts none.]

13. 'Salicta' is for 'salices.'

14. 'Posito de semine,' deposited casually, dropping from trees. The words themselves, like 'seminibus iactis,' v. 57, might refer to any kind of sowing, but in each case they are determined by the context. At the same time, as Virg. says nothing in the rest of this passage about sowing by the hand, we may suppose that he regarded it as virtually men-

tioned in the mention of dropped seed, and not worth particularizing separately, being the lowest form of human co-operation with nature.

15. 'Nemorum' is probably partitive, 'maxima nemorum' being equivalent to 'maxima arborum nemorensium.' See v. 534 below.

['Nemorum': Isid. xvii vii 6, 'sunt nemora arbores maiores; ' Stat. Silv. v i 49, 'vitem Ulmus amat miscetque nemus; ' Lucan III 395, 'procumbunt nemora.'—H. N.]

'Iovi,' like 'tibi,' v. 5.

16. 'Quercus,' Dodona. The oracles were drawn either from the murmuring of the foliage or from the notes of the pigeons (E. ix 13).

17. 'Pullulat ab radice,' etc.: propagation by natural suckers, called 'pulli' by Cato LI, 'pulluli' by Pliny xvii 65.

19. 'Se subicit,' E. x 74.

20. 'Primum,' before man had tried experiments.

'Natura' seems used, strictly, opposed to 'usus,' not generally, as in v. 9 where it means the natural principle of growth, whether assisted by cultivation or not. Or we may lay stress on 'dedit,' and contrast what is asked or extorted from nature with what she gives unsolicited. Lucr. (v 1361 foll.) speaks similarly, though in less detail, of sowing and planting as suggested by nature.

'His,' by these modes. 'To these they owe their verdure.'

21. ['Silvarum,' bushes, I 76 note.] 'Fruticum,' shrubs, trees without trunks. 'Nemorumque sacrorum' denotes merely a poetical division.

Sunt alii, quos ipse via sibi repperit usus.
 hic plantas tenero abscondens de corpore matrum
 deposuit sulcis; hic stirpes obruit arvo,
 quadrifidasque sudes et acuto robore vallos; 25
 silvarumque aliae pressos propaginis arcus
 expectant et viva sua plantaria terra;
 • nil radicis egent aliae, summumque putator
 haut dubitat terrae referens mandare cacumen.
 quin et caudicibus sectis, mirabile dictu; 30

22-34. Artificial modes—suckers, sets, layers, cuttings, pieces of the cleft wood, and engrafting. Comp. Theophrastus, *Hist. Plant.* II 1; Pliny XVII 65.

The reading of the line is disputed. Med., the one first-class MS. available, had originally 'alie quos ipse via,' corrected early into 'aliae quas' and 'alii quos.' 'Alii quos ipse via' is given by most cursives [and the Berne scholia, and must have been read by Serv.—H. N.]. Scaliger conj. 'aliae quas ipse vias,' which Ribbeck accepts, but this is more trivial in expression. 'Alii:' i.e. 'modi.'

'Via' may mean either the method by which things are found out, or the course of experience in which they are found out. The former meaning is borne out by Cic. Brutus XII, 'Nam antea neminem solitum via nec arte sed accurate tamen et de scripto plerosque dicere;' the latter agrees with Lucr. V 1452 foll. which Virg. probably imitated, 'Usus et impigrae simul experientia mentis Paulatim docuit pedetemptim progredientis' (comp. Manil. I 62). Perhaps it is most in unison with Virg.'s manner to suppose that he intended both.

'Usus,' practical experience. The word is often used in connexions which suggest the notion of want, I 133, E. II 72; Lucr. IV 852, V 1452, VI 9; but it is clear from the context in these cases, especially in Lucr. IV 822-857, that the original notion is still prominent. In passages like Cic. Tusc. IV 2, it may be rendered 'occasion,' as in the common 'usu venit,' [which perhaps originally meant 'come as matter of experience:'] Reid on De Sen. 7].

'Ipse usus,' experience alone, without the example of nature.

23. 'Plantas,' suckers. 'Tenero' expresses the violence done to the tree by the artificial separation, thus contrasting it with natural propagation by suckers, vv.

17-19; we might say, 'from the bleeding stem.'

24. 'Hic altius deponit validiores cum radicibus plantas,' is Serv.'s paraphrase of 'hic stirpes obruit arvo.' 'Stirpes' may, however, be used merely for 'stipites,' and in this case 'stirpes,' 'sudes,' and 'vallos' may denote the same thing differently treated. [Col. III 51, *depositae stirpes valido solo.*—H. N.]

'Quadrifidas' implies that the bottom is cut across to form a root, 'acuto robore' that it is brought to a single point.

26. 'Some forest-trees wait to receive the arch of the depressed layer, and slips which partake of their life, and spring from their soil.' 'Silvarum' for 'arborum:' see v. 15. 'Arcus,' the bow which the depressed layers form. ['Propago,' Col. Arb. VII 2.—H. N.]

27. 'Viva,' unseparated from the parent stem. 'Sua,' with which they themselves grow.

'Plantaria' seems to be from 'plantare' ('exiguus laetum plantaribus horti,' Juv. XII 123), though it may possibly be from 'plantarium,' which might stand in poetry for 'plantae.'

28. 'Putator,' gardener, so called here because he has lopped the shoot from the tree.

29. 'Referens,' restoring it to its native earth. 'Summum cacumen,' a cutting from the very top of the tree. Palladius III 25 (§ 28), '[Morus] serenda est taleis vel cacuminibus.'

30. Theophr. *Hist. Plant.* II 2, enumerating the ways in which trees may be propagated, concludes with τοῦ ἔβλου κατακοπέντος εἰς μικρά. I do not know that he anywhere details the process, nor is it clear how he distinguishes it from two other modes of propagation, ἀπὸ τοῦ στελέχους and ἀπὸ τοῦ κέρμου, which he mentions along with it. There is the

truditur e sicco radix oleagina ligno ;
 et saepe alterius ramos impune videmus
 vertere in alterius, mutatamque insita mala
 ferre pirum, et prunis lapidosa rubescere corna.

Quare agite o, proprios generatim discite cultus, 35
 agricolae, fructusque feros mollite colendo,
 neu segnes iaceant terrae. iuvat Ismara Baccho
 conserere, atque olea magnum vestire Taburnum.
 tuque ades, inceptumque una decurre laborem,

same doubt how Virg. means to distinguish the process described here and that touched on vv. 24, 45 ; and, again, which of them is intended by 'truncis,' v. 63, and 'solido de robore,' v. 64. Confining ourselves to the present passage and vv. 24, 25, we may say that here the pieces are smaller, and have no root, natural or artificial. This agrees with the account given by Cerda, who professes to have derived it from practical men in his own country, Spain. 'Secant agricolae scinduntque in partes plures caudicem olivae cui amputata radix, cui amputati rami : ita consectum infodiunt, ac inde format se radix, et mox arbor, quod poeta stupet, quia vere mirum.' Even he however does not explain whether the wood is cleft, as Serv. would lead us to think, or simply cut. The passage from Pliny XVII 58 (referred to on v. 22) fails us here, as, in that part of the enumeration which seems to apply to this method, the text is uncertain.

31. 'Radix oleagina' is mentioned as a specimen of the several kinds of trees which are grown in this manner; the myrtle is instanced by Serv. as one of them. Comp. A. III 21, 46, the prodigy of the bleeding myrtle. 'Pliny (XVI 230) tells us that olive wood wrought and made into hinges for doors has been known to sprout when left some time without being moved.' Keightley.

'Sicco ligno' is a further description of 'caudicibus sectis.'

32. 'Impune,' without damage to the quality of either tree. We might render 'by harmless magic.'

34. 'Pirum' is the subject of 'ferre.'

'Prunis : ' the stony cornels look red on the plum-tree. The red cornel berries were and are still eaten in Italy, but only as poor fare (Ovid. M. VIII 665 ; A. III 649, 'victum infelicem bacas lapidosaque

corna,' where see Henry). Hence it is strange to find cornel grafted on to plum, and some edd. translate 'stony cornel trees are red with plums.' But the epithet 'lapidosa' shows that 'corna' (the fruit) is put literally, not for 'cornos' (the tree), and 'rubescere' would not suit the change from the red cornel fruit to the plum.

35-46. 'Listen to me then, husbandmen, bend to the work, and learn to subdue this part of nature also ; and you, Maecenas, join me in coasting along this spreading main.'

35. Having opened out the subject in its manifoldness, he seizes that as an opportunity for bespeaking his readers' and patron's attention. For this and following lines comp. Lucr. v 1367, 'Inde aliam atque aliam culturam dulcis agelli Temptabant, fructusque feros mansuescere terram Cernebant indulgendo blandeque colendo.'

'Generatim,' after the kinds of trees ; a Lucretian word.

37. 'Neu segnes iaceant terrae : ' comp. I 124, where the feeling is the same.

'Iuvat : ' Virg. is exhorting to exertion, and accordingly stimulates enthusiasm by pointing to two great triumphs of industry, Mount Ismarus, planted with vines, Mount Taburnus, with olives. Comp. v. 260, 'magnos scrobibus concidere montis,' and note on I 63. Thus 'conserere,' 'magnum,' 'vestire,' are emphatic, and 'iuvat' has its full sense, expressing a delightful occupation, not as Keightley and Bothe think, a mere repayment of labour. 'What joy to plant Ismarus all over with the progeny of the wine-god, and clothe the mighty sides of Taburnus with a garment of olives !'

39. 'Decurre,' a naval metaphor ; comp. A. v 212, 'pelago decurrit aperto,' where 'aperto' will illustrate 'patenti,' v. 41.

o decus, o famae merito pars maxima nostrae, 40
 Maecenas, pelagoque volans da vela patenti.
 non ego cuncta meis amplecti versibus opto,
 non, mihi si linguae centum sint, oraque centum,
 ferrea vox ; ades et primi lege litoris oram ;
 in manibus terrae ; non hic te carmine ficto 45
 atque per ambages et longa exorsa tenebo.
 Sponte sua quae se tollunt in luminis auras,
 infecunda quidem, sed laeta et fortia surgunt ;

Catull. LXIV 6, 'Ausi sunt vada salsa cita decurrere puppi.'

'Laborem' is a cognate accus. Comp. A. v 862, 'currit iter tutum.'

It is not easy to say whether (1) 'laborem' is to be understood of the whole subject of the Georgics, 'inceptum' referring to Book I, or (2) 'inceptum decurre' regarded as equivalent to 'incipere et decurre,' or (3) 'inceptum' understood of the beginning already made in the present Book. [Serv. and the Berne scholia say that 'una decurre' was taken by some as referring to Maecenas' own literary efforts. —H. N.]

40. The words imply an acknowledgment to which 'merito' refers. Comp. Epictetus xv, ἀξίως θεοὶ τε ἦσαν καὶ δειγόντες. So Prop. II i 74 calls Maecenas 'Et vitae et morti gloria iusta meae.'

41. 'Da vela,' set sail ; 'pelago patenti,' on or over the open sea. The metaphorical reference of the epithet may be to the unbrokenness of the field (comp. v. 175) rather than to its extent ; but, however understood, it clashes with the imagery of vv. 44, 45.

'Volans,' at full speed. So A I 156, 'curruque volans dat lora secundo.'

42. 'Cuncta,' the whole subject. Comp. v. 103. 'Opto' seems to be used here of undertaking boldly, as apparently A. VI 501, 'Quis tam crudelis optavit sumere poenas?' where see note.

43. Iliad II 488. Macrobi., Sat. VI 3, says that Hostius had already imitated that passage in a poem on the Histrian War, from which he quotes 'non si mihi linguae Centum atque ora sient totidem vocesque liquatae.' 'Non,' sc. 'optem amplecti,' or 'amplectar.'

44. 'Primi litoris oram' = 'primam litoris oram.' Comp. A. I 541, 'prima—terra.'

45. 'In manibus terrae : ' comp. Apoll. R. I 1113, τοῖσι δὲ Μαρπάρδες σκοπῆαι, καὶ πᾶσα πρῶτῃ Ἑρμῆϊ ἐνὶ χερσὶν ταῖς προφθαῖν' ἰδέσθαι, and with the language generally Prop. IV ix 35, "Non ego velifera tumidum mare findo carina : " Tuta sub exiguo flumine nostra mora est.

'Carmine ficto,' feigned strains, i.e. romantic or mythical. 'Hic' almost seems to imply an intention of doing so one day. It is difficult otherwise to see the point of these lines, unless we suppose the poet to have one of his predecessors in his eye.

46. 'Ambages : ' comp. Lucr. VI 1079, 'Nec tibi tam longis opus est ambagibus usquam.' The word denotes a long way round [hence, a long story, A. I 341, VI 29 ; later (often in Tac.) a riddling or ambiguous statement. Nettleship, Contr. to Latin Lex. p. 149].

'Exorsa' for 'exordia.' So 'exorsus' in Cic. Pro Lege Manil. iv.

47-60. 'Nature requires to be aided by art : trees of spontaneous growth are not fruit-bearing, but may be made so : natural suckers are dwarfed unless transplanted : trees springing up from seed grow slowly, and yield poor fruit.' In v. 47 Virg. returns to the threefold division of trees naturally produced, viz. those that are generated spontaneously, those from seed, and those from suckers, the order of the last two being here reversed. He shows that each of these kinds admits of improvement by cultivation.

47. ['Auras : ' so Med. corr. and Serv. Med. (the only good MS. available) had originally 'oras.' —H. N. 'Luminis oras' occurs in Ennius twice ; Lucr. I 23, v 212, 781 ; A. VII 660, and is preferred by Ribbeck and Con. and indeed by most editors.]

quippe solo natura subest. tamen haec quoque, si quis
 inserat, aut scrobibus mandat mutata subactis, 50
 exuerint silvestrem animum, cultuque frequenti
 in quascumque voces artes haut tarda sequentur.
 nec non et sterilis, quae stirpibus exit ab imis,
 hoc faciet, vacuos si sit digesta per agros;
 nunc altae frondes et rami matris opacant 55
 crescentique adimunt fetus uruntque ferentem.
 iam, quae seminibus iactis se sustulit arbor,
 tarda venit, seris factura nepotibus umbram,
 pomaque degenerant sucos oblita priores,
 et turpis avibus praedam fert uva racemos. 60
 Scilicet omnibus est labor impendendus, et omnes

49. 'Natura,' productive power. The words 'quippe—subest' refer only to 'laeta et fortia,' not to 'infecunda.' Comp. Quint. x ii 11, 'Namque iis quae in exemplum adsumimus subest natura et vera vis: contra omnis imitatio ficta est.' Comp. also Lucr. III 273, 'Nam penitus prorumpit haec natura subest-que.' For Virg.'s doctrine see note on v. 10 above.

'Tamen' must relate to 'infecunda,' to which 'silvestrem animum' is clearly parallel; though the qualifying particle ought rather to belong to 'sed laeta et fortia,' as being the last assertion. 'Unfruitful as they are.'

50. 'Inserat,' engraft them with cuttings from other trees. 'Insero' has a double construction. Comp. 'Inseritur vero et fetu nucis arbutus horrida,' below v. 69.

'Mutata,' transplanted. That simple transplantation improves a tree is stated by Pallad. XII 7, and other rural writers.

'Subactis,' well prepared with the spade. Comp. Col. III 5, 'Locum subigere oportet bene: ubi erit subactus, areas facito,' [Cic. Sen. 51, 'gremio (telluris) molli ac subacto,' ib. 59, etc. See I 125, IV 256.]

51. 'Exuerint—sequentur,' see IV 282.

52. 'Artes:' that which is alien to their nature and communicated by training. 'They will learn whatever lessons you choose to teach.'

Ribbeck reads 'voles' from Med., Gud. corr., but 'voces' (Serv.) suits 'sequentur' better.

53. 'Sterilis' is the general description, 'quae stirpibus exit ab imis' the characteristic. 'Stirpibus ab imis' = 'ab radice,' v. 17.

54. ['Faciatur,' Med. originally and one of Ribbeck's cursives.—H. N.]

'Vacuos' contrasted with the wood where it is choked by the parent tree.

55. 'Nunc,' in its natural state. 'As it now is, the towering foliage and branches of its mother overshadow it, and rob it of its fruit as it grows up, and wither up the productive powers it exerts.'

57. Wagn. commences a new paragraph with 'Iam, quae;' but it is unnecessary. This is the third kind of wild trees. This use of 'iam' nearly in the sense of 'praeterea' is common; comp. 'Iam varias pelagi volucres,' I 383, etc. [Gud. originally and some other cursives have 'nam.'—H. N.]

'Seminibus iactis' = 'posito semine,' v. 14. It does not relate to sowing by the hand.

58. 'Venit,' as v. 11. 'Seris nepotibus,' to unborn generations. Comp. v. 294 below, E. IX 50.

59. 'Poma,' all kinds of fruit (E. II 53).

60. 'Avibus,' because no men will pick them. That vines were raised at Rome from grape-seeds appears from Cic. Sen. 52, Pliny XVII 59 (Forb.).

['Uva,' the cluster; 'racemos,' berries, as v. 102, etc.—H. N.]

61-72. 'Artificial methods vary according to the kind of tree. With some trees truncheons suit best, with some layers, with

cogendae in sulcum ac multa mercede domandae.
 set truncis oleae melius, propagine vites
 respondent, solido Paphiae de robore myrtus ;
 plantis et durae coryli nascuntur et ingens 65
 fraxinus Herculeaeque arbos umbrosa coronae
 Chaoniique patris glandes ; etiam ardua palma
 nascitur, et casus abies visura marinos.
 inseritur vero et fetu nucis arbutus horrida,
 et steriles platani malos gessere valentis ; 70
 castaneae fagus, ornusque incanuit albo

others sets, with others suckers : grafting again is practised on some trees, not on others.

61. 'Scilicet' explains : 'the fact is.'

62. 'Cogendae in sulcum,' drilled into trenches, on the analogy of 'cogere in ordinem,' giving the notion of training and discipline.

'Multa mercede,' at great cost of labour. Comp. Sen. de Tranq. xi, 'Magna quidem res tuas mercede colui.'

64. 'Respondent : 'votis respondet avari agricolae,' i 47; [often in Col., Cato ap. Plin. xviii 17.—H. N.] The word is sometimes, as here, used absolutely. Col. iii 2, 'Gemella vitis maior nisi praepingui solo non respondet.' This may possibly be derived from the use of the word in the case of debtors, as in Cic. Att. xvi 2, Sen. Ep. lxxxvii, 'respondere nominibus.'

'Truncis' and 'propagine' are ablatives of the instrument. Five of the six methods (v. 22-34) are here mentioned ; the 'cacumen' (v. 29) is omitted. The instance of the olive in both cases seems to identify 'truncis' with 'caudicibus sectis,' v. 30 ; and if this is so, 'solido de robore' must answer to 'stirpes,' 'sudes,' 'vallos,' v. 24, 25, in spite of the testimony of Serv. as to the applicability of 'caudicibus sectis' to the myrtle, quoted on v. 31. But (see v. 30 note) it is not easy to decide.

65. 'Et durae : 'Serv. [and the Berne scholia] mention another reading, 'edurae,' which is found in some inferior MSS. ; [Serv. explains it as = 'non durae.'—H. N. Ribbeck reads 'eclurae' as in iv 145. See Neue-Wagener, Forment. ii 873.]

66. Comp. 'Populus Alcidiae gratissima,' E. vii 61. 'Coronae' seems to be

an attributive gen., like 'gratum litus amoeni secessus,' Juv. iii 4, [or perhaps rather descriptive.]

67. 'Chaonii patris : ' so 'Lemnius pater,' A. viii 454. 'Chaonii' = 'Dodonaei.'

68. 'Nascitur,' sc. 'plantis,' which we should have expected to be repeated, as the more important word ; but the repetition of the verb is meant to remind us of the rest of the expression of which it has formed a part. We may perhaps compare the half repetitions of words in Homer.

69. So Med., the best cursives, and Serv. ; Wagner, Forb. and Ribbeck prefer a late corr. in Med., 'nucis arbutus horrida fetu : ' comp. iii 449 note. Wagn.'s view as to the inharmoniousness of hypermetric lines with dactylic endings does not seem of much weight without MS. authority. If the elision implied a synapheia, this might require the last syllable but one to be long by nature. The copyists, even of the better MSS., are apt to remove metrical anomalies (e.g. A. vi 33 ; vii 437). [Serv. and the Berne scholia mention with disapproval a reading 'horrens,' which is] also found in some extant copies.

'Fetu' is abl. 'Nucis,' i.e. the walnut. 'Horrida,' from the roughness of the stem (Heyne).

70. 'Sterilis,' opp. to 'pomifera.'

71. 'Fagus : ' so Priscian i 438 (Hertz), the Berne scholia and two MSS. ; it is probably (as the Berne schol. say) nom. sing. Med. and other MSS. have 'fagos,' and so Serv., who finds it very hard to explain. Wagner took 'fagus' as nom. pl. (cf. Culex v. 139, etc.), but that is unnecessary. It appears from Servius' note that the line caused much difficulty in his time.

'Ornus : ' Keightley says, 'It is very un-

flore piri, glandemque sues fregere sub ulmis.

Nec modus inserere atque oculos inponere simplex.
 nam, qua se medio trudunt de cortice gemmae
 et tenuis rumpunt tunicas, angustus in ipso 75
 fit nodo sinus; huc aliena ex arbore germen
 includunt, udoque docent inolescere libro.
 aut rursus enodes trunci resecantur, et alte
 finditur in solidum cuneis via, deinde feraces
 plantae immittuntur: nec longum tempus, et ingens 80
 exiit ad caelum ramis felicibus arbor
 miraturque novas frondes et non sua poma.

Praeterea genus haut unum, nec fortibus ulmis,

certain what this tree is; the usual opinion is that it is the "sorbus aucuparia," our quicken or mountain ash. As this however is quite a different tree from the ash, and Columella (De Arb. XVI) calls the "ornus" a "fraxinus silvestris," distinguished from the other ashes by having broader leaves, botanists are now inclined to think it is the "fraxinus rotundifolia" of Lamarck, the manna tree, or tree that yields the manna, of Calabria.

The words 'incanuit albo flore' are to be taken with both clauses.

73-82. 'Grafting is distinct from inoculation: in the latter case you introduce a bud, in the former a slip.' [See Palladius 'de Insiteone' and Col. Arb. 26.—H. N.]

73. 'Nec modus inserere:' see on I 213.

'Oculus inponere,' to inoculate or bud, *ἰνοφθαλμισμός*. In what follows inoculation is distinguished from engrafting. We must therefore take 'simplex' as = 'unus' (comp. v. 482; so 'duplex' frequently = 'duo'). 'The mode of grafting and inoculating is not one.' It is possible that Virg. may mention the two species first as constituting a genus, and afterwards as the varieties of the genus which they constitute, though this seems clumsy. Mr. Blackburn supposes Virg. to mean that there are more ways than one of grafting and budding, and then, after giving one way of budding, to pass on, without describing another, to grafting—a preference of literary variety to logical arrangement which would not be un-Virgilian. In the whole context Virg.'s object is to show the manifoldness of his subject. See above, vv. 63 foll., below, vv. 83 foll.

75. 'Tunicas,' that which is under the 'cortex.' Pliny XXIV 7, XVI 65.

76. 'Fit,' is made by the knife. 'Huc . . . includunt,' A. II 18.

77. 'And teach it to grow into the bark which gives it the sap of life.'

78. 'Rursus,' on the other hand. Comp. Hor. Ep. I ii 17, 'Rursus quid virtus et quid sapientia possit Utile proposuit nobis exemplar Ulixem,' etc. [The older form 'rursus' occurs thrice in Virg. (A. II 229, 232) and once in Hor. (Sat. II iii 268) for metrical reasons: see E. x 62.]

79. 'Feraces plantae,' slips from fruitful trees.

80. 'Et' = 'cum:' comp. A. III 9, 'Vix prima inceperat aestas, Et pater Anchises dare fatis vela iubebat;' [I 692, 'vix ea fatus erat, subitoque fragore intonuit,' and often in Virg. and in writers after him. Con. calls it 'a remnant of primitive simplicity of expression,' and *καὶ τότε* is similarly used in Homer (e.g. II. I 477, 494), but it seems not to occur in earlier Latin. For a similar use of 'atque' = 'even as,' see II 402.]

81. 'Exiit:' on the quantity of the final 'i' see p. 283. The perfect expresses instantaneousness; see I 49.

82. Serv. gives 'miratastque,' apparently as corr. for [some unmetrical reading which he does not quote. Med. had originally 'mirataeque' (according to Hoffmann), corr. to 'miratastque,' and much later to 'miraturque.' Gud. has 'mirata estque.']

83-108. 'There are varieties in each kind of tree, olive, apple, pear, and especially in the vine, the diversities of which are innumerable.'

nec salici lotoque neque Idaeis cyparissis ;
 nec pingues unam in faciem nascuntur olivae, 85
 orchades et radii et amara pausia baca
 pomaque et Alcinoi silvae ; nec surculus idem
 Crustumiiis Syriisque piris gravibusque volemis.
 non eadem arboribus pendet vindemia nostris,
 quam Methymnaeo carpit de palmitē Lesbos ; 90
 sunt Thasiae vites, sunt et Mareotides albae,

84. Fée, cited by Keightley, says there are five kinds of arborescent lotus, while the aquatic lotus contains three varieties, and the terrestrial and herbaceous (111 394) contains two. 'The lotus-tree grows on the north coast of Africa; it is described by Theophrastus and Polybius, and is a tree of moderate altitude, bearing small fruits, which are sweet, resembling the date in flavour.' Keightley.

85. 'Unam in faciem:' comp. A. x 637. 'Tum dea nube cava tenuem sine viribus umbram in faciem Aeneae (visu mirabile monstrum) Dardanii ornat telis.' In both passages 'in faciem' is adverbial.

86. Cato VI mentions eight kinds of olives, Col. v 8 ten, Macrob. Sat. III 20 (11 16) sixteen.

'Orchades' and 'radii' appear to be so named from their shape. The 'orchades' (more usually 'orchites') are oblong, the 'radii' are long like a weaver's shuttle. 'Pausia' requires to be gathered before it is ripe; hence 'amara baca.' Pliny (xv 13) says that the 'pausia' is gathered first, then the 'orchis,' then the 'radius;' Columella says that the oil of the 'pausia' is excellent while it is green, but is spoiled by age.

87. 'Pomaque et Alcinoi silvae:' 'que' is disjunctive, as 111 121, 'Et patriam Epirum referat fortisque Mycenae.' 'Nor are apples, etc., of one sort any more than olives.' The orchards of Alcinoos (comp. Od. VII 112 foll.) are the same as the 'poma,' the apple forests of Alcinoos (unless we suppose them to convey a still more general designation: apples, and all Alcinoos' orchard trees).

'Surculus,' cutting: a poetic variety, intended to signify not that the pear must be planted by cuttings, but that it may be. The meaning of course is that the cuttings differ as belonging to different trees.

88. 'Crustumiiis:' from Crustumium or Crustumium, at the confluence of the

Alia and Tiber. Serv. says they were partly red. 'Syriis:' Serv. and Pliny say they were black. Pliny (xv 53) says that the Crustumine were the best. The 'Syria,' according to Col. v 10, were also called 'Tarentina.' Syrian pears are mentioned by Juv. XI 73, and Martial v lxxviii 13.

'Volemis' the 'volema' are named, without description, by Cato, and mentioned by Pliny merely as spoken of by Virg. Serv. derives them from 'vola,' 'hand-fillers,' but mentions another etymology from a Gaulish word meaning 'big.'

89. Here and in vv. 267, 278, 300, 'arbos' might mean either the vine or the tree which supported it, the 'silvestria virgulta' of v. 2, but the latter is the more probable. Pliny (xiv 9) and Ulpian (Dig. XLVII vii 3) include the vine among 'arbores.' On the other hand, Col. (III 1) distinctly excludes it; Cato (xxxii) contrasts 'arbores' and 'vites,' and the writers on agriculture generally, speaking of vineyards, use 'arbores' of the trees which supported the vines. 'Arbor' means the supporter in E. v 32, 'Vitis ut arboribus decori est, ut vitibus uvae,' and in v. 290 of this book it is distinguished from the vine. Altogether, there is no passage in Virg. where 'arbor' is clearly used for the vine, and therefore it is not easy to resist the argument in favour of the technical sense in a technical treatise.

90. Hor. Od. I xvii 21, 'Hic innocentis pocula Lesbii Duces,' 'Palmes' is the bearing wood of the vine. Col. v 6.

91. 'Thasiae vites:' Athenaeus (I 51) collects testimonies to the excellence of the Thasian, Lesbian, and Psithian wines among others. Pliny also speaks of an Egyptian wine called Thasian (xiv 74, 117).

'Mareotides:' comp. Hor. Od. I xxxvii

pinguibus hae terris habiles, levioribus illae;
 et passo Psithia utilior, tenuisque Lageos,
 temptatura pedes olim vincturaque linguam;
 purpureae, praeaeque; et quo te carmine dicam, 95
 Rhaetica? nec cellis ideo contende Falernis.
 sunt et Aminneae vites, firmissima vina,
 Tmolius adsurgit quibus et rex ipse Phanaeus;
 argitisque minor, cui non certaverit ulla
 aut tantum fluere aut totidem durare per annos. 100

14, 'Mentemque lymphatam Mareotico;' Strabo 77.

'Albae' is of course an epithet of 'Ma-reotides.' Comp. Col. X 347, 'Saepe suas sedes praecinxit vitibus albis.' The reference is probably to the pale green colour of the grape.

92-117. Here the Ver. fragment comes to the aid of Med.: see v. 1.

93. 'Passo,' sc. 'vino,' i.e. 'vino e passis uvis facto,' raisin-wine, made from dried grapes. Col. XII 39, 'Passum optimum sic fieri,' etc.; Stat. Silv. IV 938, 'Vel passum psithiis suis recoctum;' Pliny XIV 80, 'Psithium et melampsithium passi genera sunt;' G. IV 269. 'Psithia passos de vite racemos.' The word 'Psithia' is Greek, but seems to have no known meaning.

'Lageos,' λάγειος. 'Tenuē,' as an epithet of wine, is opposed to 'dulce' by Pliny XIV 80, and to 'pingue' and 'nigrum' (XXIII 39), where it is coupled with 'austerum;' so that it seems to mean a thin and light wine. [Serv. and the Berne schol. suggest that 'tenuis' may = 'penetrabilis,' 'searching.'—H. N.]

94. 'Olim' may either be 'some day,' after it has been made into wine, or 'soon,' after it has been drunk. Lucr. VI 1116 has 'Atthide temptantur gressus.' [The Berne scholia say that this line is taken from one of Calvus, 'lingua vino temptantur et pedes.'—H. N.]

95. 'Purpureae' are mentioned as a particular kind of grape by Col. III 2. Of 'praeae,' which Serv. explains by 'prae-coctae,' there were two kinds, distinguished by size: Col. III 2, Pliny XIV 29.

96. 'Rhaetica:' this appears from Pliny XIV 67, to have been grown as far south as Verona. Suetonius (Aug. LXXVII) says that it was a favourite with Augustus. Seneca (Nat. Q. I 11) thinks Virg.'s language equally applicable to praise and censure;

but 'ideo' shows that it could only be understood as praise. [Serv. says that the 'uva Rhaetica' was highly praised by Cato in his 'Libri ad filium,' but much abused by Catullus, and that Virg.'s language is therefore intentionally ambiguous.—H. N.]

'Cellis:' in full 'cellis vinariis.'

97. 'Firmissima:' comp. Pliny XIV 21, 'Principatus datur Aminneis propter firmitatem senioque proficientem vini eius utique vitam.' Further on he speaks of wines as 'contra omne sidus firmissima.' Where the Aminnei lived is disputed: Macrobi. Sat. III xx 7 (II xvi) [says 'fuerunt ubi nunc est Falernum:'] others put them in Picenum. Philarg. quotes Aristotle for the statement that they were Thessalians: Varro (if we may trust the Berne scholia) said they were Pelasgi.—H. N.] Col. III 9 speaks of the Aminnean vines as among the oldest.

98. 'Tmolius' is supported by Ribbeck's MSS., including fragm. Verona. 'Tmolus et' is the reading of Heyne, with some early editions and inferior MSS.

Pliny XIV 74 speaks of Tmolian wine as good not to drink alone, but to mix with other wines, to which it imparts sweetness and the flavour of age. The ellipse is *οἶνος*. Comp. v. 93, 'Lageos.' 'Adsurgit:' comp. 'Utque viro Phoebe chorus adsurrexerit omnis,' E. VI 66.

'Rex ipse Phanaeus' is a translation of Lucilius' *Χιός τε δυνάστης*, which Serv. quotes, Phanae being a promontory and port of Chios.

99. 'Argitisque minor:' there were an 'Argitis maior' and an 'Argitis minor.' The name is said to be derived from *ἀργός*, from the colour of the grape or wine. Col. III 2.

100. 'Certaverit . . . fluere . . . durare:' comp. Stat. Silv. v iii 191, 'Non

non ego te, Dis et mensis accepta secundis,
transierim, Rhodia, et tumidis, Bumaste, racemis.
set neque, quam multae species nec, nomina quae sint,
est numerus; neque enim numero comprehendere refert;
quem qui scire velit, Libyci velit aequoris idem 105
discere quam multae Zephyro turbentur harenae,
aut, ubi navigiis violentior incidit Euris,
nosse quot Ionii veniant ad litora fluctus.

Nec vero terrae ferre omnes omnia possunt.
fluminibus salices crassisque paludibus alni 110

tibi certasset iuvenilia fingere corda Nestor,' and see on I 213. 'Tantum fluere,' to yield so much juice: comp. below v. 190, and Col. III 2, 'Graeculae vites acinorum exiguitate minus fluunt.'

101. 'Dis et mensis accepta secundis:' drinking began after the first course, when it commenced by a libation (A. I 723, etc.); there is no need to refer 'Dis' to the temples. Comp. however Hor. Od. III xi 6, 'Divitum mensis et amica templis,' of the lyre.

102. The Rhodian vine is merely mentioned by Pliny and Columella. Rhodian wine occurs in the anecdote of Aristotle choosing his successor under pretence of choosing a wine, Gell. XIII 5. Athenaeus, XIV 68, quotes Lynceus as speaking of a peculiar species of Rhodian grape called *Ἰππώνιος βότρυς*.

'Bumastus:' called by Varro and Macrobius 'bumamma.' Pliny XIV 15, 'Tument vero mammarum modo bumasti.' *Bov* means magnifude, as in *βούπαις*. Pliny (XIV 42) says there were two kinds, black and white.

103. Pliny (XIV 20) says that Democritus alone pretended to know all the varieties of vines even in his own country. To the same general effect Col. III 2, who quotes these lines. Cato had noticed fifty-eight, Pliny about eighty. The number has been indefinitely increased since; 1400 have been collected in the garden of the Luxembourg, and this number is supposed to be not more than half of those cultivated in France alone. Féé on Pliny XIV 44 foll. (Keightley.) For a sketch of ancient wines see Dict. Ant. II 969 and the references there.

104. ['Est numerus:' way of counting.—H. N.]

'Neque enim,' nor indeed [as A. II

100, 'nec requievit enim.' 'Enim' here simply emphasizes, as usually in early Latin, etc.: see note on v. 509 below, A. VI 317.]

105. 'Who should wish to know it, would wish also,' etc. 'Libyci aequoris' means the Libyan waste [so H. N.]. Comp. Catull. VII 3, quoted by Ursinus, 'Quam magnus numerus Libysae harenae Laserpiciferis iacet Cyrenis, Oraclum Iovis inter aestuosi.' Comp. the oracle in Hd. I 47, *οὐδὰ τ' ἰγὼ ψάμμον τ' ἀριθμὸν καὶ μέτρα θαλάσσης*, and Pind. Pyth. IX 46 foll. [Con. originally wavered between 'desert' and 'sea.']

106. Med. [as Dr. Hoffmann kindly tells me], the Verona fragm., Gud., etc., read 'dicere,' which is plainly a mistake. 'Discere' is supported by Columella.

107. Connect 'violentior incidit.'

108. 'Ionii fluctus' = 'fluctus Ionii maris.' Virg. seems to have in his eye Theocr. XVI 30, 'Ἄλλ' ἴσος γὰρ ὁ μύχθος ἐπ' ἀβνὶ κύματα μερῆϊν, Ὅσα' ἀνεμος χίρσονδε μετὰ γλαυκᾶς ἀλός ὠθεῖ.

109-135. 'Different soils are proper for different trees; so we find each country with trees of its own.'

109. The words are from Lucr. I 166, 'ferre omnes omnia possent,' where the fact that particular places produce particular things is urged to prove that nothing can come of nothing. The fact has been mentioned already, I 50-63 (see note on latter verse), where it is recognized as connected with the present condition of humanity, just as the opposite, 'omnis feret omnia tellus,' E. IV 39, is a characteristic of the golden age. Here we have the fact and nothing beyond. We may compare also E. VIII 63.

110. 'Fluminibus nascuntur:' [by the rivers.—H. N.]

nascuntur, steriles saxosis montibus ornī;
 litora myrtetis laetissima; denique apertos
 Bacchus amat collis, aquilonem et frigora taxi.
 aspice et extremis domitum cultoribus orbem,
 Eoasque domos Arabum pictosque Gelonos: 115
 divisae arboribus patriae. sola India nigrum
 fert hebenum, solis est turea virga Sabaeis.
 quid tibi odorato referam sudantia ligno
 balsamaque et bacas semper frondentis acanthi?
 quid nemora Aethiopum, molli canentia lana? 120
 velleraque ut foliis depectant tenuia Seres?
 aut quos Oceano propior gerit India lucos,

111. The 'ornus' is mentioned, v. 71, as one of the trees on which a fruit tree is engrafted, in conjunction with 'steriles platani.'

112. 'Amantis litora myrtos,' IV 124. See on E. VII 62. 'Apertos' suggests the idea of 'apricos,' to which 'aquilonem et frigora' is opposed. Virg. treats soil and climate together, as in I 51 foll.

114. 'Extremis domitum cultoribus orbem' = 'extremas orbis partes cultas.' 'Extremis cultoribus' is dative of the agent. The sentence is closely connected with what follows, the sense being, 'Look at foreign lands, go as far as you will, you will find each country has its tree.'

115. 'Pictosque Gelonos:' Hor. Od. II xx 19, 'ultimi Geloni.' ['Pictos' = 'stigmata habentes,' Serv. and the Berne scholia.—H. N.] Claud. in Rufin. I 313, 'Membraque qui ferro gaudet pinxisse Gelonus.'

116. 'Divisae arboribus patriae:' their countries are divided among trees, i.e. each tree has its allotted country.

'Sola India,' etc.: I 57. 'Sabaeis' in the next line seems to prevent our taking 'India' as a loose name for the whole East, including Aethiopia, and to require us to take it as India Proper, though ebony does not grow there alone.

117. 'Turea virga:' Pliny (XII 57), after stating that there is great doubt as to the nature of the tree, says 'Qui mea aetate legati ex Arabia venerunt, omnia incertiora fecerunt, quod iure miremur, virgis etiam turis ad nos commeantibus: quibus credi potest, matrem quoque tereti et enodi fruticare trunco.'

119. For the transposition of 'que' in

the construction 'que et,' comp. Hor. Od. III iv 18, 'ut premerer sacra Lau-
 roque collataque myrto,' etc.

It is doubtful whether the balsam and acanthus are not meant to be distinguished as belonging to different countries, rather than connected as belonging to the same. The country of the balsam is by some thought to be Judaea, by others Arabia Felix. The acanthus is attributed both to Egypt and to Arabia; it is not a herb but a tree, the acacia. Bodaeus a Stapel, cited by Martyn, accounts for 'bacas' by saying that, though there are no berries, the flowers grow in little balls; Martyn himself understands it of the globules of gum, Keightley of the pods.

120. 'Lana:' called by Hdt. *είπων* ἀπὸ ξύλου, the product of the tree cotton, 'gossypium arboreum.' Pliny XIX 14, 'Superior pars Aegypti, in Arabiam vergens, gignit fruticem quem aliqui gossypion vocant, plures xylon, et ideo lana inde facta xylina.'

121. This was the belief long after Virg. Pliny VI 54, 'Seres, lanitio silvarum nobiles, perfusam aqua depectentes frondium canitiem.' Silkworms were not known in the Roman empire till the time of Justinian, though silk was imported largely. [Serv. says 'alii depectat legunt; quod si est, Seres posuit pro Ser, sicut trabs pro trabs.'—H. N.]

122. Here again Pliny supports Virg. 'Arbores quidem' (speaking of India, VII 21), 'tantae proceritatis traduntur ut sagittis superari nequeant.' Val. Fl. VI 76 foll. says the same of the forests of Syene. Virg. does not specify the trees, but simply discriminates them from others

extremi sinus orbis, ubi aera vincere summum
 arboris haut ullae iactu potuere sagittae?
 et gens illa quidem sumptis non tarda pharetris. 125
 Media fert tristis sucos tardumque saporem
 felicis mali, quo non praesentius ullum,
 pocula si quando saevae infecere novercae
 miscueruntque herbas et non innoxia verba,

by their height. India is said to have a greater variety of forest trees than any other country. Mr. Maclean says, "Oceano propior India" seems to mean the jungles of the Malabar coast, running to the depth of many miles at the foot of the Western Ghâts, and abounding in teak and jack trees of an enormous height. I have seen them sixty or eighty feet from the ground to the branches, and there are some higher still. Entire mainmasts are made of a single stem for large ships. The ancients got their pepper from this coast. The jungles in some parts run quite close to the sea.'

'Oceano propior' is explained by 'extremi sinus orbis.' It seems to imply the Homeric notion of the ocean as a great stream, encircling the outside of the world. So Catull. LXIV 30, 'Oceanusque mari qui totum amplectitur orbem.' ['Proprior' Med. 'Gerit,' is clothed in.—H. N.]

123. 'Sinus' here seems to mean a deep or remote recess, a nook. Comp. Hor. Epod. I 13, 'Vel Occidentis usque ad ultimum sinum,' [G. IV 420 = A. I 161.]

'Arboris aera summum vincere,' to overshoot the air at the top of the tree; an apparent confusion between the notion of shooting through the air at the top of the tree, and shooting over the tree. 'Aera summum arboris' has been imitated by Val. Fl. VI 261, 'Si quis avem summi deducat ab aere rami;' Juv. VI 99, 'Tum sentina gravis, tum summus vertitur aer.' Hom., Od. XII 83, estimates the height of the mouth of Charybdis by saying that a strong man could not send an arrow up to the top; Aesch. applies the same image metaphorically Supp. 473, and probably Cho. 1033.

125. 'Non tarda' = 'impigra.' For the Indian archers Keightley refers to Hdt. VII 65. Heyne and others have suspected the genuineness of this verse, but without cause.

126. 'Tristis, etc.:' the bitter juice and lingering flavour of the benignant

citron, the 'Medicum malum:' 'felicis' means blessed as an antidote.

127. 'Praesens,' close at hand, and hence prompt, efficacious, sovereign. Comp. A. XII 152, 'si quid praesentius audes,' and see Forc.

129. This line is repeated III 283, and on that account has been suspected by Heyne, Ribbeck, and others. In Med. it appears only in the margin, but it has been added by a very early corr., and it is recognized by Serv. [and the Berne scholia]. There are many instances [see Albrecht in Hermes XVI] in which Virg. wholly or partially repeats in a later poem a line which has appeared in an earlier, and many where the same line is repeated in different parts of the Aeneid, a practice which was doubtless adopted deliberately from Homer. But there is apparently no instance of the recurrence of an entire line in different parts of the Georgics, except the epic repetition in IV 550 foll. (note on v. 551), and only one instance (I 494 = II 513) of a partial repetition, though Lucretius, whom Virg. might have been expected to follow, repeats whole passages. On the other hand, copyists sometimes introduced lines which they remembered to have seen elsewhere; see IV 338. Still, the external evidence against the line is far from strong; there is nothing inappropriate in the sense, poisons and incantations being frequently connected, and it seems decidedly best to retain it. It will then serve as an epegesis of 'infecere.'

'Miscuerunt' [Munro Lucr. I 406.]

With 'miscuerunt verba' comp. the last line of the obscure epigram attributed to Virg., 'In C. Annium Cimbrum Rhetorem' (Catalepton II 4), 'Ita omnia ista verba miscuit fratri,' where the point seems to be that Cimber, a suspected fratricide, and also an affected speaker or writer, mixed his strange jargon with the draught with which he poisoned his brother.

auxilium venit ac membris agit atra venena. 130
 Ψpsa ingens arbos faciemque simillima lauro;
 et, si non alium late iactaret odorem,
 laurus erat; folia haut ullis labentia ventis;
 flos ad prima tenax; animas et olentia Medi
 ora foveat illo et senibus medicantur anhelis. 135
 Sed neque Medorum silvae, ditissima terra,
 nec pulcher Ganges atque auro turbidus Hermus
 laudibus Italiae certent, non Bactra, neque Indi,
 totaque turiferis Panchaia pinguis harenis.
 haec loca non tauri spirantes naribus ignem 140

130. As in 1129, 'ater' seems to contain the double notion of black and deadly. In the former sense it is to be explained either with reference to the colour of the poison itself 'nigri cum lacte veneni,' A. IV 514, or to the colour produced by it on the body, 'nigros efferre maritos,' Juv. I 72.

['Membris,' from the limbs.—H. N.]

133. 'Erat:' so Ovid. Am. I vi 34, 'solus eram, si non saevus adesset amor.' The indic. is thus rhetorically used for subj. to show how near the thing was to happening, [both in early Latin and still more often in writers from Cic. to Pliny. Compare A. II 54, IV 17, 603, XI 112, Dräger II p. 726, Holtze II p. 108.]

'Labentia:' for instances of the present participle used as a finite verb Wagn. comp. III 505, A. VII 787.

134. 'Ad prima,' in the highest degree; comp. Hdt. VI 13, ἐς τὰ πρῶτα. 'Aprime' is more usual.

135. 'Foveo' means generally to cherish, either physically or morally. Here it denotes a medical application, θεραπεύειν. See IV 230.

136-176. 'For the excellence of its peculiar products no country can rival Italy. It has not the mythical glories of a savage antiquity. But it has more useful characteristics,—corn, wine, oil, flocks, herds and horses, and a benignant climate; it is free from the noxious animals and herbs that abound elsewhere. Its cities and rivers, its seas and lakes, its harbours and breakwaters, its mines, its races of men, its heroes, are all its own. I glory in it as my country, and raise in its honour this rural strain, at once old and new.'

This celebrated burst of patriotism appears to be Virgil's own. A eulogy on

the agricultural capabilities of Italy occurs near the beginning of Varro's De Re Rustica [published not long before the Georgics were written, and Pliny ends his Natural Hist. with another. It has even been suggested that Virgil here imitates a lost passage in Varro, which (on this view) partly survives in Pliny III 40: Hermes XXVII 387. An elegy of Prop. (IV xxii) seems a direct imitation of Virgil, and the same, Mr. Nettleship thinks, may be the case with Pliny III 40.]

136. 'Silvae,' probably the citron groves of v. 126, nom. in apposition to 'terra': comp. 'Alcinoi silvae,' v. 87, 'Aminneae vites firmissima vina,' v. 97. Some edd. follow Reiske in joining 'silvae ditissima,' comp. Manil. IV 752, 'molles Arabes, silvarum ditia regna.' Med. corr. has 'regna' here for 'terra.'

137. 'Auro turbidus,' whose mud or sand is gold. Heyne calls it an oxymoron.

138. 'Bactra,' mentioned merely as a great Eastern power.

[Pal. resumes here till IV 461.]

139. 'Panchaia,' the happy island of Euhemerus, is here put for Arabia, near which his fancy placed it. 'Que' is disjunctive. 'Pinguis' appears to refer to the frankincense rather than to the general fertility of the soil.

140. 'Here is a land where no bullocks breathing fire from their nostrils have ploughed the soil, where no enormous dragon's teeth were ever sown, where no human harvest started up bristling with helms and crowded lances. But teeming corn and the wine-god's Massic juice have made it their own; its tenants are olives and luxuriant herds of cattle.' Lucr. v 29, 'Et Diomedis equi spirantes naribus ignem.'

invertere satis inmanis dentibus hydri,
 nec galeis densisque virum seges horruit hastis;
 sed gravidæ fruges et Bacchi Massicus umor
 implevere; tenent oleæ armentaque laeta.
 hinc bellator equus campo sese arduus infert; 145
 hinc albi, Clitumne, greges et maxima taurus
 victima, saepe tuo perfusi flumine sacro,
 Romanos ad templa deum duxere triumphos.
 hic ver adsidium atque alienis mensibus aestas;
 bis gravidæ pecudes, bis pomis utilis arbos. 150

141. It is difficult to say whether 'satis dentibus' is abl. abs., by a kind of *ὑστερον πρότερον*, or dat., as Voss, Jacobs, and Wagn. explain it. If the latter, it should be taken i. q. 'propter sationem dentium' (Madv. § 426), not with Wagn., 'for the teeth sown in the fable by Jason.'

142. 'Seges' is connected with 'virum.'

143. 'Gravidæ:' I 319, 'gravidam segetem.' 'Bacchi Massicus umor:' comp. 'lacteus umor,' Lucr. I 258.

144. Perhaps an imitation of the rhythm of Lucr. v 202, 'Possedere, tenent rupes, vastaeque paludes.'

'Laeta,' prolific. [For the juxtaposition of 'armenta' and 'oleae' comp. v. 222.—H. N.] Varro, Festus, and others derive the name 'Italia' from its oxen, *ἰταλοί* (vituli), and Gell. XI 1 calls it 'armentosissima.'

145. 'From this land comes the war-horse that prances proudly over the field of battle.' Comp. A. III 537, where four white horses are the first object seen in Italy, and are interpreted as an omen of both war and peace.

146. Serv. quotes Pliny as saying that the water of the Clitumnus made the animals that drank of it white; Pliny however (II 230) does not specify the Clitumnus, but speaks of the water in the 'ager Faliscus,' to which strictly speaking the Clitumnus does not belong. Virg. speaks of the whiteness as coming from bathing in the stream. Juv. XII 13 confines himself to the fattening effect of the pastures of Clitumnus.

147. 'Tuo perfusi flumine sacro:' comp. 'Teque, pater Tiberine, tuo cum flumine sancto,' Enn. A. I fr. 37; G. II 219; A. VIII 72; 'suo cum gurgite flavo,' A. IX 816; 'Hunc tu, Diva, tuo recubantem corpore sancto Circumfusa super,'

Lucr. I 38, etc. This use of possessive pronoun and epithet together belongs to the earlier Latin poetry. [Exx. from Ennius and Lucr. are quoted by Munro Lucr. IV 394: possibly it is copied from Greek.]

['Perfundi' is the ordinary word for to bathe.—H. N.]

'Sacro:' Pliny the younger (Ep. VIII 8), speaking of the sources of the Clitumnus,' says, 'Adiacet templum priscum et religiosum. Stat Clitumnus ipse, amictus ornatusque praetexta. Praesens numen atque etiam fatidicum indicant sortes. Sparsa sunt circa sacella complura totidemque Dei.'

148. The white bulls did not lead the way in the procession, but they came earlier than the triumphal car.

['Ad:' Pal. and originally Med. have 'at.'—H. N.]

149. 'Here is ceaseless spring, and summer in months where summer is strange; twice the cattle give increase, twice the tree yields its service of fruit.' 'Ver' and 'aestas' are used loosely. The meaning is that there is verdure all the year, and warmth in the winter. Lucr. I 180, 'Quod si de nilo fierent, subito exorerentur Incerto spatio atque alienis partibus anni.' Virg. may have had the expression of Lucr. in mind when he said that Italy really enjoyed that which Lucr. gives as a derangement of nature.

150. It is not quite clear whether 'pomis' is dat. or abl. If dat., it must = 'pomis creandis.' The abl. is supported by Ovid. M. III 212, 'Et pedibus Pterelas et naribus utilis Agre.'

Keightley refers to Varro I 7, where the apple-trees at Consentia in the Bruttian territory are said to bear twice, as the probable origin of Virg.'s statement.

at rabidae tigres absunt et saeva leonum
 semina, nec miseros fallunt aconita legentis,
 nec rapit inmensos orbis per humum, neque tanto
 squameus in spiram tractu se colligit anguis.
 adde tot egregias urbes operumque laborem, 155
 tot congesta manu praeruptis oppida saxis,
 fluminaque antiquos subterlabentia muros.
 an mare, quod supra, memorem, quodque adluit infra?
 anne lacus tantos, te, Lari maxime, teque,
 fluctibus et fremitu adsurgens, Benace, marino? 160
 an memorem portus Lucrinoque addita claustra
 atque indignatum magnis stridoribus aequor,

151. 'Saeva leonum semina' (brood or race) is an imitation of 'triste leonum Seminium,' Lucr. III 741.

152. There is aconite in Italy, according to Dioscorides IV 78; Virg.'s statement, therefore, is not accurate. It is vain to attempt to save his credit, as Serv. and others have done, by laying stress on 'fallunt,' for the context clearly requires an assertion of freedom from poisonous herbs.

'Legentis' is subst. : comp. I 193, [272, III 147 (where the singular is unusual); so 'balantes' (II 72 note, Lucr. VI 1131), 'volantes,' 'amantes,' etc. Dräger Hist. Syntax i p. 49].

153. 'Tanto tractu,' 'that vast train,' which he has elsewhere. Virg. appears to be thinking exclusively of the huger serpents.

155-157. 'Think, too, of all those noble cities and trophies of human toil, towns piled by man's hand on precipitous rocks, and rivers that flow beneath time-honoured walls.' [Towns are characteristic of Italian civilization: it is not clear whether Virgil had special towns in mind. V. 156 suits many Central Italian cities; Byron perhaps took v. 157 of the Cisalpine towns; Con. referred v. 155 to Etruria.]

'Operumque laborem' recurs A. I 455. [Literally, it is 'the laboriousness of human achievements.']

156. 'Praeruptis saxis congesta' is a specific description of the position of many Italian towns.

'Manu' here implies labour, as elsewhere violence (III 22), or care (III 395), the general notion being personal exertion. Hence its frequent use with 'ipse.'

157. The mention of seas and lakes immediately following shows that Serv. is right in supposing here a special reference to the usefulness of the rivers. 'Antiquos,' however, appears to be chiefly pictorial.

158. An amplification of 'mare superum' and 'inferum.'

159, 160. 'Lari,' Lago di Como. 'Benace,' Lago di Garda. 'Adsurgens,' etc., 'heaving with the swell and the roar of ocean. Comp. Val. Fl. III 476, 'intortis adsurgens arduus undis,' and A. I 539, 'subito adsurgens fluctu nimbosus Orion.'

161-164. [Avernus was a lake near Cumae situate in a volcanic crater and renowned in legend (A. VI 237). Between it and the coast lay Lucrinus, a lagoon separated from the sea by a sandbank or perhaps an ancient dam (ὁ φασὶν Ἡρακλῆα διαχῶσαι, Strabo). In 37 B.C. Agrippa united the two lakes by a canal, strengthened the dam ('addita claustra'), provided an exit and thus made a double harbour, the 'Iulius portus.' The work was part of operations against Sex. Pompeius: the harbour was soon abandoned in favour of Misenum. Avernus is still distinguishable, but the coast was wholly altered by an eruption in 1538. See Beloch's Campanien, 168; Gardthausen's Augustus ii 138; Merivale iii 247, ed. I.]

['Addita,' like A. V 817 'addere frena feris,' III 336 'iugis hanc addidit arcem,' = 'imponere.']

162. 'Indignatum,' chafing at the barrier. Philarg. refers the words to a particular storm which occurred during the work.

Iulia qua ponto longe sonat unda refuso
 Tyrrhenusque fretis immittitur aestus Avernis?
 haec eadem argenti rivos aerisque metalla 165
 ostendit venis, atque auro plurima fluxit.
 haec genus acre virum, Marsos, pubemque Sabellam
 adsuetumque malo Ligurem Volcosque verutos
 extulit, haec Decios, Marios, magnosque Camillos,
 Scipiadas duros bello, et te, maxime Caesar, 170
 qui nunc extremis Asiae iam victor in oris

163. 'Refuso,' beaten back. 'Iulia unda' = 'unda Iulii portus,' which resounds with the noise of the sea beating against its outer barrier.

164. 'And the Tyrrhenian billows come foaming up into the [stormy waters.—H. N.] of Avernus.' The sea is supposed to enter through the channel mentioned on v. 161, mix with the waters of the Lucrine, and thence flow into Avernus, the more inland lake. It is possible, too, that 'fretis,' which is properly applied to the sea, may be used proleptically of Avernus as the receptacle of sea-water. In any case a contrast seems intended between 'Tyrrhenus' and 'Avernis,' the effect of the work being to mingle two distant waters.

165. Lucr. v 1255, 'Manabat venis ferventibus in loca terrae Concava conveniens argenti rivos et auri.' These lines, however, refer to the actual liquefaction of the metals by a conflagration.

'Rivos' and 'fluxit' denote not streams but streamlike threads. 'Auro plurima fluxit' has, however, been supposed to mean the gold found in the Po, which is mentioned by Pliny xxxiii 66. [Traces of the Cisalpine gold-workings still remain, Corpus Inscr. Lat. v p. 715] Pliny also (xxxiii 78) speaks of Italy as abounding in metals, if the senate had not forbidden the working of the mines; and so at the end of his Natural History (in the passage mentioned on vv. 136-176) he says 'Metallis auri, argenti, aeris, ferri, quamdiu libuit exercere, nullis cessit.'

'Venis,' in its veins.
 The perfects 'ostendit' and 'fluxit' might possibly point to the discontinuance of working the mines, though they need only mean 'it has been known to display,' etc.

167. 'Genus acre virum' refers to all

that follows. 'Marsos:' Appian, B. C. I 46, *ὄντε κατὰ Μάρων ὄντε ἀνευ Μάρων γενέσθαι θριαμβόν*. 'Pubem Sabellam:' the name Sabellian was a general one, including various tribes supposed to have issued from the Sabines, Marsians, and Pelignians as well as Samnites and Lucanians.

168. 'Malo,' hardship. 'Verutos:' 'with rude spears;' comp. A. VII 665, 'veruque Sabello.' The weapon, properly called 'verutum,' was a short dart used by the light infantry of the Roman army, and originally borrowed from the Sabines.

169. These heroes saved Rome, the Decii from the Latins, Marius from the Cimbri, Camillus from the Gauls, the Scipios from Carthage. So Octavian saves her from enemies in the East.

170. The form 'Scipiadus' had been already used by Lucilius, and Lucretius calls Memmius 'Memmiades' for metrical reasons. The combination of the Roman family name with the Homeric patronymic produces a hybrid effect, especially as there is nothing in the family name itself to distinguish son from father. See Munro Lucr. I 26, III 1034. As Virg. is using the plural, we might expect him to have talked of the 'gens Iulia' instead of individualizing Octavian; but the love of variety and the desire to pay a higher compliment doubtless led him to express himself as he has done.

171, 172. [After Actium, Octavian spent more than a year (30-29) in restoring order in Egypt, Syria, and Asia Minor: 'extremis oris' and 'Indum' are natural exaggerations of this work. 'Indum' may have been suggested, like 'Gangaridum,' III 26, by the conquest of Egypt, which opened direct communication with India: Mommsen, Mon. Ancy. p. 133.]

inbellem avertis Romanis arcibus Indum.
 salve, magna parens frugum, Saturnia tellus,
 magna virum; tibi res antiquae laudis et artis
 ingredior, sanctos ausus recludere fontis, 175
 Ascraeumque cano Romana per oppida carmen.
 Nunc locus arborum ingenitis, quae robora cuique,
 quis color, et quae sit rebus natura ferendis.
 difficiles primum terrae collesque maligni,
 tenuis ubi argilla et dumosis calculus arvis, 180
 Palladia gaudent silva vivacis olivae.

172. 'Inbellem' is a mere epithet of national contempt, oddly used here.

'Romanis arcibus' = Rome. A. IV 234 'Ascanione pater Romanas invidet arces?' x 12 'cum fera Karthago Romanis arcibus olim Exitium immittet,' 'arces' being probably the seven hills (v. 535 below).

173. 'Hail to thee, land of Saturn, mighty mother of noble fruits and noble men! For thee I essay the theme of the glory and the skill of olden days: for thee I adventure to break the seal of those hallowed springs, and sing the song of Asra through the towns of Rome.' 'Saturnia' gives the idea of mythical greatness. See Evander's speech, A. VIII 314 foll.

174. 'Res antiquae laudis,' things which have been from antiquity the subject-matter of praise and art.

'Laudis;' comp. the opening of Cato, De Re Rust.: 'Virum bonum cum laudabant [maiores nostri], ita laudabant, bonum agricolam bonumque colonum. Amplissime laudari existimabatur qui ita laudabatur.' Possibly the words may refer to 'Saturnia tellus' and the mythical glories of agriculture under Saturn.

'Artis,' the art of agriculture. Comp. I 122, 'primusque per artem Movit agros.' Ribbeck adopts 'artem' from Pal., but it seems decidedly inferior.

'Tibi,' not 'ingredior,' is emphatic. He has already entered on the subject.

175. 'Sanctos ausus recludere fontis' is from the Lucretian 'iuvat integros accedere fontis Atque haurire' (I 927); but Virg. introduces a religious notion. He is the first that has been thought worthy to unseal the holy spring. Comp. below, v. 476, and Prop. IV i 3, 'Primus ego ingredior puro de fonte sacerdos Italae per Graios orgia ferre choros.'

176. 'Ascraeum,' etc.: 'I am a Roman

Hesiod.' Comp. III 11 note. In E. VI 70 Hesiod is called 'Ascraeus senex.' Comp. 'Syracosio versu,' ib. I, for Theocritean.

177-183. 'Now for the genius of the different soils. A hilly soil of marl and gravel is the soil for the olive.'

177. 'Robora' = 'vires.' Comp. I 86, 'Sive inde occultas vires et pabula terrae Pinguia concipiunt.' The subjoined clauses are constructed as if 'dicendis' or some such word had been expressed with 'ingeniis.'

178. 'Quis color,' what is its distinguishing colour. See below, vv. 203-255. Pal. originally had 'qui,' 'Natura:' comp. 'Quippe solo natura subest,' v. 49. 'Productive power.' 'Rebus ferendis:' comp. v. 9 above.

179. 'Difficiles,' opp. to 'facilis,' below, v. 223; 'malignus,' opp. to 'benignus.' Comp. A. VI 270, 'lunae sub luce maligna,' and Hor. Ep. II i 209, 'laudare maligne.' Comp. also Pliny, Ep. II 17, 'Quarum arborum illa vel maxime ferax est terra, malignior ceteris.' Both 'difficilis' and 'malignus' are metaphorical, as we might say 'churlish' and 'niggard.'

180. 'Tenuis,' lean, hungry. 'Argilla:' Col. III 11 speaks of 'creta qua utuntur figuli quamque nonnulli argillam vocant' as being in itself unfavourable to production. There are three signs of a 'terra difficilis et maligna'—'argilla,' 'dumi,' and 'calculus.' Cato's precept (VI) is 'Qui ager frigidior et macrior erit, ibi oleam Licinianam seri oportet.'

181. As the olive is slow of growth (v. 3 note), so it is long-lived; see Pliny XVI 239. 'Silva' seems to have no particular force, a sort of ornamental variety for 'arbore.' [Med. has 'gaudet.'—H. N.]

indicio est tractu surgens oleaster eodem
 plurimus et strati bacis silvestribus agri
 at quae pinguis humus dulcique uligine laeta,
 quique frequens herbis et fertilis ubere campus— 185
 qualem saepe cava montis convalle solemus
 despiciere; huc summis liquuntur rupibus amnes,
 felicemque trahunt limum—quique editus austro,
 et filicem curvis invisam pascit aratris:
 hic tibi praevalidas olim multoque fluentis 190
 sufficiet Baccho vitis, hic fertilis uvae,
 hic laticis, qualem pateris libamus et auro,

182. The presence of the wild olive shows that the soil is good for the cultivated olive. The 'oleaster,' as Martyn remarked, is not to be confounded with the plant cultivated in our gardens under that name, which is properly called 'elaegnus.'

183. With the picture comp. E. VII 54. 'Silvestribus' here is used strictly, opp. to 'felicibus.'

184-194. 'A rich and moist slope, with a southern aspect, is the soil for vines.'

184. 'Dulci uligine:' Col. II 9 says, 'solet autem salsam nonnunquam et amarum uliginem vomere terra, quae quamvis matura iam sata, manante noxio umore, corrumpit.' In XI 3, § 37, he says that 'dulcis uligo' is best secured by planting near a spring.

185. 'Frequens herbis:' comp. Ov. Her. XVI 54, 'locus piceis ilicibusque frequens;' Tac. A. IV 65, 'quod talis silvae frequens secundusque esset.' 'Ubere' seems to be merely a metaphor from the breast as the source of nourishment.

186, 187. 'Such as we often see at the bottom (or on the side) of a mountain hollow.' Heyne [and Ribbeck], following Heins., read 'dispicere' from Gud. etc. See A. I 224.

187. 'Huc' is used where in a regularly constructed sentence we should expect 'quo.' The sentence gives the reason for the moisture of land so placed.

'Liquuntur' is constructed like 'fluunt,' as in Stat. Theb. V 618, 'in volnera liquitur imber,' comp. by Forb. ['Liquuntur' Pal.—H. N.]

188. 'Felicem limum' forms a contrast to 'tenuis argilla.'

'Quique editus austro' is to be coupled with 'quique frequens herbis,' not ex-

plained with Heyne, 'aut qualem eum campum videmus, qui editus austro.'

'Editus austro,' rising to the south. 'Editus' is not = 'expositus,' but has its natural signification; 'austro' (dat.) nearly = 'ad austrum.' Comp. for the expression 'caelo educere,' A. II 186; for the sense Col. III 1, 'optimum est solum nec campestre nec praeceps, simile tamen edito campo,' and III 2, 'vinum . . . iucundius adferunt collina quae magis exuberant aquiloni prona, sed sunt generosiora sub austro.' In the latter passage 'aquiloni prona' also illustrates the construction of 'editus austro.' Authorities were divided as to the best aspect for a vineyard; see v. 298.

189. 'Filicem,' the female fern or brake (Martyn). Some early editors read 'silicem,' which would agree with Col. III 11. But 'filicem' is the reading of the MSS., is supported by Pliny XVII 29, and suits 'pascit' better.

190. 'Fluentis:' comp. above, v. 100.

191. 'Fertilis uvae' like 'Fertilis frugum pecorisque,' Hor. Carm. Saec. 29, etc., 'fertilis,' like 'ferax,' being the verbal of 'fero.'

192. 'Pateris et auro.' There seems no objection to explaining this and similar expressions (if it can be called explanation) by what is termed Hendiadys, so long as we bear in mind that such figures are not rules which poets followed, but helps devised by grammarians for classifying varieties of language. The word Hendiadys, indeed, amounts merely to a statement of the fact that two words are used to express one thing. We might have had either 'pateris' or 'auro' separately; the poet chooses to use both. Such redun-

inflavit cum pinguis ebur Tyrrhenus ad aras,
 lancibus et pandis fumantia reddimus exta.
 sin armenta magis studium vitulosque tueri, 195
 aut fetus ovium aut urentis culta capellas,

dance of expression is common enough in poetry, e.g. in this passage 'hic fertilis uvae, Hic laticis, qualem,' etc., are only two ways of saying that the soil bears good vines. Early poets are prone to it from simplicity, later poets from a love of ornament. The feeling which prompts its use in the particular case must vary with circumstances; no single rationale, such as that which supposes the second noun in the hendiadys to be epegetical (Bryce on A. 1 2), will cover the instances. The relation between the two nouns may be sometimes described as that of attribute and subject, sometimes as that of a whole and its part, etc. But no general rule can be laid down, except that the two nouns, while representing the same thing, seem commonly to represent distinct aspects of it, so as not to run into simple tautology. Hence they may usually be combined in translation, being resolved into a noun with epithet, or a noun with another in the genitive, as here, 'golden bowls,' or 'bowls of gold.'

The best wines were naturally those that were used in libations. Comp. v. 101 above, E. v 71.

193. 'Pinguis Tyrrhenus:' comp. Catull. xxxix 11, 'Aut parvus Umber aut obesus Etruscus,' [and Ellis' note. Etruscan sculptures represent short fat figures, no doubt characteristic of the race. The proverbial expl. is given by] Serv., 'Victimum scilicet carnis.'

'Ebur,' an ivory pipe: comp. I 480, 'maestum inlacrimat templis ebur,' and the use of 'auro' above. Pliny XVI 172 speaks of 'sacrificae tibiae Tuscorum,' which however were made of boxwood. Prop. v vi 8 has a sacrificial pipe of ivory, though it is Phrygian. Perhaps a pipe strengthened with ivory rings is meant. [Fluteplayers, like actors, came to Rome from Etruria, or were thought by the Romans to have done so: see Festus p. 309, Varro L. L. VII 35, on 'subulo'—itself probably a Latin word—and Müller's Etrusker (ed. Deecke) ii 202.]

194. 'Pandis,' either curved, deep, or bowed beneath the weight of the entrails. 'Pandos autumnii pondere ramos,' Ov. M.

XIV 660; 'rotundas Curvet aper lances,' Hor. Sat. II iv 40. On the other hand 'cavas lances' occurs in Martial XI xxxi 19. Comp. v. 445. Med. a. m. pr. gives 'patulus' [perhaps a gloss, for Serv. and the Berne scholia give 'patulus' as an alternative explanation of 'pandus.' See Fest. p. 220 M. 'Pandana porta dicta est Romae, quia semper pateret; pandiculari dicuntur qui toto corpore oscitan-tes extenduntur, eo quod pandi fiunt.'—H. N.]

'Fumantia,' reeking. Serv. however speaks of the entrails as boiled before being offered.

'Reddere' is said by Serv. to be the technical word for laying the entrails on the altar. Stat. Theb. IV 466, 'Seminces fibras et adhuc spirantia reddit Viscera;' Tac. H. IV 53, 'Lustrata suo-vetaurilibus area et super caespitem redditis extis.'

195-202. 'For grazing choose a country like the lawns of Tarentum and the plain of Mantua.'

195. 'Tueri:' comp. Col. VI 3, 'tueri armentum paleis,' in which and other passages 'tueri' seems to have the meaning of 'sustentare.' A more general sense however is recommended by the parallel use, III 305. For 'studium tueri' see I 21, 213.

'Armenta' includes horses and oxen.

'Vitulos' probably has special reference to the breeding.

196. ['Fetus ovium:' Pal. has 'ovium fetum,' and so Ribbeck, Con.; Nonius and Med. have 'ovium fetus.'—H. N. 'Fetus ovium' is found only in the later and inferior MSS.]

The goat was held, either by its bite, or by something poisonous in its saliva, to kill crops and trees, especially vines and olives. Comp. Varro I ii 17 foll., whence it appears that 'coloni' were sometimes forbidden in the terms of their lease to keep goats 'in agro surculario,' where vines, olives, or other trees were planted. See also vv. 378 foll.

'Urentis,' causing to wither: comp. I 77. 'Culta' = 'sata.'

salvus et saturi petito longinqua Tarenti,
 et qualem infelix amisit Mantua campum,
 pascentem niveos herboso flumine cycnos:
 non liquidi gregibus fontes, non gramina derunt, 200
 et, quantum longis carpent armenta diebus,
 exigua tantum gelidus ros nocte reponet.
 nigra fere et presso pinguis sub vomere terra,
 et cui putre solum,—namque hoc imitatur arando—
 optima frumentis; non ullo ex aequore cernes 205
 plura domum tardis decedere plaustra iuvenis;
 aut unde iratus silvam devexit arator

197. 'Saturi:' ['aut fecundi aut quod est iuxta oppidum Saturum' (Serv.). For the sense 'rich' comp. Pers. I 71 'rus saturum'; Seneca N. Q. v 9 'locos ob umidam caeli naturam saturos'; Col. x 43 'satur autumnus:' this explanation is adopted by Con., H. N., and Wölflin's Archiv v 35. It is, however, strange that Virgil should couple 'saturi' with 'Tarenti' if he did not mean to refer to the place, which was well known, Strabo p. 279, Hor. Sat. I vi 59, etc. Possibly he took the adj. and the place-name both to denote fertility.] Med. a. m. pr. has 'satyri.' 'Longinqua Tarenti:' see note on IV 159. 'Longinqua' would have more force, if we could suppose Virg. at the time of writing to have been at Mantua.

198. 'The plain which Mantua lost' in the assignment of lands (E. I and IX).

199. E. IX 27-29, 'Vare, tuum nomen, superet modo Mantua nobis, Mantua vae miserae nimium vicina Cremonae, Cantantes sublimē ferent ad sidera cynci.' 'Herboso flumine,' the Mincius. Comp. E. VII 12, A. x 205.

200. ['Derunt,' Pal., Med. a. m. p., and one of Ribbeck's cursives: comp. v. 233. So 'desse' for 'deesse' Lucr. I 43, on which Lachmann quotes Velius Longus p. 2227 P. in support of the spelling with one *e*. 'Desunt,' the reading of Gud., is a mere mistake for 'derunt.'—H. N. Comp. E. VII 7.]

201, 202. 'Nay, all that your herds can devour on a summer's day will be replaced by the cold fresh dew of one short night.' This of course is an exaggeration. But Varro I vii 10 quotes a statement that in the plains of Rosea a pole left lying on the ground one day was overgrown by the next.

'Reponet:' Plaut. Pers. I i 37, 'Ut

mihī des nummos. . . . Quos continuo tibi reponam hoc triduo.' Med. and two or three inferior MSS. have 'reponit.'

203-225. 'For corn-crops a dark, rich, crumbling soil is best, or ground lately cleared of trees. Gravelly soils yield but scantily; tufa and marl are infested by snakes. But a grassy soil which imbibes and exudes moisture readily will be good for everything, vines, olives, pasture, corn.'

203. 'Nigra,' called 'pulla' by Cato CLI and Col. II 10, § 18, etc. 'This is the colour of the land in Campania, and indicates the presence of decayed animal and vegetable matter' (Keightley).

'Presso,' etc., which shows itself fat when the ploughshare is driven into it. 'Depresso aratro,' I 44. 'Fere' goes with 'optima frumentis.'

204. It may seem hard to see how the same soil can be both 'pinguis' and 'putris'; Mr. Blackburn however remarks that this may be the case with what is technically termed a free (as opposed to a stiff) loam, which has a certain amount of unctuousness when pressed, yet is friable. 'Namque hoc imitatur arando:' Col. (V iv 2) quotes this line as meaning that the natural character of the soil actually saves the manual labour of artificially loosening the earth ('pastinatio'). [Comp. also Col. II ii 5.—H. N.]

Med. originally had 'imitatur,' probably introduced by some one who thought the form passive.

206. 'Tardis,' from the load they are drawing. 'Tardis iuvenis' might perhaps be taken as an abl. of the agent, construing 'decedere' as a neuter passive, but it is better to take it as a modal abl.

207. The meaning is that ground lately cleared is another kind of soil

et nemora evertit multos ignava per annos,
antiquasque domos avium cum stirpibus imis
eruit; illae altum nidis petiere relictis; 210
at rudis enituit in pulso vomere campus.
nam ieiuna quidem clivosi glarea ruris
vix humilis apibus casias roremque ministrat;
et tofus scaber, et nigris exesa chelydri
creta negant alios aequae serpentibus agros 215
dulcem ferre cibum et curvas praebere latebras.
quae tenuem exhalat nebulam fumosque volucris,

which is good for corn. 'Aut' then refers grammatically either to the sentence 'nigra fere,' etc., or to 'non ullo ex aequore,' etc., the sense being the same in either case. In the first case we supply 'optima frumentis,' in the second 'quam ex illo aequore, unde,' etc. Pliny (xvii 25 foll.) denies the universal truth of this and most of the following signs.

'Iratus,' at the wood cumbering the ground, a thought developed by 'ignava.' 'Devexit,' carted away.

208. 'Unde' governs 'devexit' only; 'evertit' and 'eruit' are in material, but not in formal connexion with the previous clause. Comp. A. iv 263, 'dives quae munera Dido Fecerat et tenui telas disreverat auro:' [see Munro *Lucr.* i 720.]

209. 'Frondiferasque domos avium,' *Lucr.* i 18.

210. 'Petiere:' the tense does not denote rapidity (like 'fugere ferae,' i 330), but is determined by that of the preceding verbs.

211. Pliny (xvii 37) uses the words 'illa post vomerem nitescens,' and quotes *Il.* xviii 547 for an actual shining appearance of the earth after the plough, though he mistakes that passage, the point of which is the supernatural appearance of blackness in gold, not the natural appearance of brightness in the earth. But it is safer to refer 'enituit' to the trim appearance of the newly reclaimed land, or perhaps of the rising crops, a sense supported by Accius *inc. fr.* xviii, 'Probae etsi in segetem sunt deteriorem datae Fruges, tamen ipsae suapte natura enitent,' and by i 153 above, 'nitentia culta.'

'Enituit' [the quantity of the i may be due to caesura; but see *Excursus* to v. 81].

'At' is ὁ δὲ, as 'illae' is αἱ μὲν. The birds fly; the field on which they lived so long brightens under cultivation.

212. He gives the reason why he recommends ground such as he has been mentioning—because soil of a contrary character is far less productive.

213. 'Casias:' see E. ii 49. 'Rorem,' rosemary, as in Pliny xxiv 101. He mentions bees, as part of a husbandman's care, anticipating Book iv.

214. 'Tofus,' volcanic sandstone, 'tufa,' Pliny xvii 29 and *Col.* iii 11 say that soil where 'tufa' is found is not necessarily bad.

'Chelydri,' venomous snakes of amphibious nature, mentioned in *Lucan* ix 711, where they are described as 'tracti via fumante chelydri.' The name water-tortoise (χέλυξ ὑδωρ) referred to the hardness of the skin.

215. 'Creta' is generally rendered chalk; but *Col.* in a passage referred to on v. 180 identifies it with 'argilla, qua utuntur figuli.' For the notion that it was eaten by certain creatures Keightley refers to *Front.* in *Geop.* vii 12.

The old commentators put a stop after 'creta,' connected 'tofus' and 'creta,' like 'glarea,' with 'ministrat,' and understood 'negant' 'men deny,' or as *Serv.* [and the *Berne scholia*] give it specifically, 'negant: Nicander et Solinus, qui de his rebus scripserunt.' *Virg.* means that the presence of tufa and marl is a sign that snakes haunt the place.

216. [*Rom.* resumes here till *G.* iv 36.] 'Dulcem' is to be taken strictly; ἔστι γὰρ γλυκίη, *Geop.* l. c. 'Aequae' goes with 'ferre' and 'praebere.' 'Curvas' relates to the shape of the snake [or of the lair, i.e. snug.—H. N.].

217. 'Fumos' is the same as 'nebu-

et bibit umorem et, cum volt, ex se ipsa remittit,
 quaeque suo semper viridi se gramine vestit,
 nec scabie et salsa laedit robigine ferrum, 220
 illa tibi laetis intexet vitibus ulmos,
 illa ferax oleo est, illam experiere colendo
 et facilem pecori et patientem vomeris unci.
 talem dives arat Capua et vicina Vesaevo
 ora iugo et vacuis Clanius non aequus Acerris. 225

Nunc, quo quamque modo possis cognoscere, dicam.
 rara sit an supra morem si densa requires,

lam,' steam which rises in a thin cloud. 'Volucris' = 'tenuis,' as 'lentus' or 'tardus' applied to vapour (A. v 682) = 'spissus.' Virg. may have thought of Lucr. v 463, 'Exhalantque lacus nebulam fluvique perennes: Ipsa quoque interdum tellus fumare videtur.'

218. 'Ex se ipsa remittit' may refer to exhalations, like the preceding verse, or to exudations.

219. ['Viridi:'] so MSS., Ribbeck, H. N.; one inferior MS. has 'viridis,' and so Con. (comp. A. I 314). For 'viridi suo' comp. v. 147 note.]

220. 'Scabies' is the effect of 'robigo' on the surface of iron; 'scabra robigine,' I 495. ['Aut' Med. corr.—H. N.]

'Salsa:' the saltness which would rust iron would be unfavourable to produce: see vv. 237 foll. It is opposed to 'dulci uligine laeta,' v. 184. Pliny XVII 27 says 'ferro omnis [terra] robiginem obducit.'

221. The emphatic words are 'laetis vitibus.' In prose it would be 'illa feret laetas vites quae ulmis intexantur.' Pal., Gud., etc., have 'intexit.'

222. ['Oleo:'] so Pal., Rom. and most other MSS., Nonius p. 500, Arusianus, Ribbeck, H. N.; Med. and two cursives have 'oleae' and so Con.]

223. 'Facilem pecori,' well-natured to cattle. 'Facilis' seems a metaphor from personal character, and nearly = 'commodus,' which is joined with 'patients' in Hor. A. P. 257. See IV 272, 'facilis quaerentibus herba.'

224. ['Dives,' because of the rich soil, Serv.] 'Vesaeus' is an adjective; where a substantive, it is 'Vesaeus mons.'

225. Gellius (VI 20) [quotes from a commentary a story also repeated by Philarg. here] that Virg. first wrote 'Nola

iugo,' and changed it because the people of Nola would not allow him to bring water to his land. We can scarcely argue in support of 'Nola' from the topographical character of the passage, because that is satisfied by 'Vesaevo.'

'Vacuis,' not 'unpeopled' through inundations, as Serv. takes it, but 'thinly peopled,' like 'vacuis Cumis,' Juv. III 2; 'vacuis Ulubris,' Id. X 102.

'Non aequus,' because it overflowed Acerrae. 'Clanius' is of course put for the country through which it runs, like 'Hydaspes,' IV 212.

226-258. 'To tell close soil from loose, sink a pit, throw the earth in again, stamp it down, and see whether it exceeds or falls short. To tell bitter soil, put some in a basket, mix it with fresh water, and taste what trickles through. To tell rich soil, handle it and see whether it crumbles or sticks to the fingers. Moist soil shows itself by the luxuriance of its herbage. Heavy and light soils tell their own tale. Black and other colours speak to the eyes. Cold soils are hard to detect, except by the presence of firs, yews, and ivy.'

In the preceding account of the soils Virg. has to a certain extent anticipated the question how to ascertain them (e.g. vv. 180, 185, 212 foll.), while in the present paragraph he has still something to add about the aptitudes of each (vv. 228, 229, 239, 240, etc.); but the awkwardness of this want of arrangement can hardly be said to be felt in poetry. [Comp. generally Varro R. R. I ix.—H. N.]

226. For 'quo quamque' Rom. reads 'quocumque,' which Jahn adopts, understanding an acc. from the context. [Rom. also has 'posses' for 'possis.'—H. N.]

227. 'Supra morem' is not to be pressed,

altera frumentis quoniam favet, altera Baccho,
 densa magis Cereri, rarissima quaeque Lyaeo :
 ante locum capies oculis, alteque iubebis 230
 in solido puteum demitti, omnemque repones
 rursus humum, et pedibus summas aequabis harenas.
 si derunt, rarum pecorique et vitibus almis
 aptius uber erit ; sin in sua posse negabunt
 ire loca et scrobibus superabit terra repletis, 235
 spissus ager ; glaebas cunctantis crassaque terga
 expecta, et validis terram proscinde iuvençis.
 salsa autem tellus et quae perhibetur amara—

as if it meant excessively. The meaning evidently is whether the earth in question is looser or stiffer than the average. [*Morem* = *modum*, as A. v 694, VII 377, VIII 635.—H. N., Contrib. to Latin Lex. p. 526.]

'Requires' Med. originally and Pal., and so Wagn., who rightly remarks that it agrees with 'capies,' 'iubebis,' etc. ; 'requiras' Med. corr., Rom.

'Si' goes with 'requires.' It might conceivably go with 'sit,' in the sense of 'an,' like 'quasisse si incolumis Lycortas evasisset,' Livy xxxix 50 ; but this would leave 'requires' very bare. The confusion of the order must be set down as poetical, as in Hor. S. I v 72, 'Paene macros arsit dum turdos versat in igni.'

Serv. [and the Berne scholia] say of these lines, 'Illi autem versus incomparabiles sunt : tantam habent sine aliqua perissologia repetitionem.'

229. 'Magis' seems to belong to 'densa.' This answers best to 'rarissima quaeque.'

230. 'Ante locum capies oculis' is explained by 'in solido,' which gives the reason for the choice.

231. 'In solido,' where the experiment may be fairly tried, which it could not be if the ground was hollow.

232. 'Pedibus,' etc. = 'recalcabis,' Col. II 2.

234. 'Uber' is a laudatory synonym for 'solum.'

235. 'Scrobibus' : 'scrobes' is here used as a synonym for 'puteus' ; rather loosely, for 'scrobes' as a general rule were excavations longer than they were broad, such as a trench for vines, or a grave. Col. v 5 allows, as an exception,

the 'scrobs' for vines to be as broad as it is long. 'Scrobibus' is plural for singular.

'Superabit' = 'supererit.' The word, as used intrans., seems first to mean 'to be superior ;' then 'to be in excess ;' lastly 'to remain over,' without the notion of excess, as E. IX 27, 'superet modo Mantua nobis.' Possibly there may be here the further notion of elevation in the soil, which would fall under the first of the meanings given, as in Stat. Theb. IV 458, 'Quamquam infossus humo, superat tamen agger in auras.' In v. 314 below the third meaning seems to be intended ; in v. 330 the first or second. See also III 63, A. I 537, II 311.

Pliny throws doubt on the practicability of this test (XVII 27), 'Scrobes quidem regesta in eos nulla complet, ut densa atque rara ad hunc modum deprehendi possit.'

236, 237. The epithets 'cunctantis,' 'crassa,' 'validis,' are emphatic. 'Prepare yourself for resistance in the clods, stiffness in the ridges, and let the oxen be strong with which you break up the ground.'

'Expecta' : 'exerce' was read originally in one of Ribbeck's cursives, and is supported by Rom. 'Proscinde,' I 97.

238. Pliny XVII 29 gives a more favourable view of this kind of soil : 'Salsae terrae multo melius creduntur, tutiora a vitibus innascentium animalium.'

'Perhibetur' seems to denote that 'amara' is a common epithet of soils. Diophanes in Geopon v 7, recommending a similar test of soil, speaks of *την γῆν πικρὰν ἢ ἀλμυρὰν*.

frugibus infelix ea, nec mansuescit arando,
 nec Baccho genus, aut pomis sua nomina servat— 240
 tale dabit specimen: tu spisso vimine qualos,
 colaque prelorum fumosis deripe tectis;
 huc ager ille malus dulcesque a fontibus undae
 ad plenum calcentur; aqua eluctabitur omnis
 scilicet, et grandes ibunt per vimina guttae; 245
 at sapor indicium faciet manifestus, et ora
 tristia temptantum sensu torquebit amaror.

239. I have preferred (with Jahn and Keightley) Wakef.'s punctuation: that commonly adopted [e.g. by Ribbeck and Thilo] makes the parenthesis begin after 'infelix.' The metrical harshness introduced by Wakef.'s punctuation is not unpleasing as a variety, and is compensated by improvement in the sense; 'ea' thus becomes subject of a bona fide parenthesis, giving the reason why a salt soil is to be avoided, not of a parenthesis which is a mere expansion of what has been said before. In any case 'frugibus' seems used generally of the fruits of the earth, as v. 173, not specially of corn.

'Infelix' = 'infecunda.' 'Frugibus' is dat. Sall. Jug. xvii, 'ager frugum fertilis, bonus pecori, arbori infecundus.' Had it been 'felix' instead of 'infelix,' we might properly have taken 'frugibus' as abl.

'Arando' = 'aratione:' see E. VIII 71. With 'mansuescit arando' comp. Lucr. v 1368, 'fructusque feros mansuescere terram Cernebant indulgendo blandeque colendo.'

240. 'Genus' is best illustrated by the adj. 'generosus.' In such a soil the vine degenerates. So we apply the words 'race,' 'racy,' to wine.

'Nomina,' name, for character. This and 'genus' are metaphors from nobility. Cato xxv, 'Sicque facto studeat bene percoctum siccumque legere, ne vinum nomen perdat.' 'The grape is not kept true to its race, nor the apple to its name.'

241. 'Specimen,' proof, in which sense it occurs Lucr. iv 209, 'Hoc etiam in primis specimen verum esse videtur, Quam celeri motu rerum simulacra ferantur.'

'Qualos' appear to be the same as 'cola.' They were made 'spisso vimine' that they might strain the wine from the grapes. ['Quallos' Pal. and Rom., and so Ribbeck; 'qualos' Med.—H. N.]

242. Comp. i 175 note.

243. 'Ager:' the whole 'ager' is virtually the subject of the experiment.

'Malus:' he assumes the bitterness, which he calls malignity (comp. 'scleratum frigus,' v. 256), of the soil, both in making the experiment and in its result; a prose writer would have expressed himself hypothetically.

'Dulces' is emphatic.

244. 'Huc ad plenum calcentur' = 'huc ad plenum ingerantur et calcentur.'

'Calcare' seems to be used technically of other kinds of pressure than treading. Cato (cxvii) says of olives 'in oculum calcato.'

'Ad plenum' is undoubtedly a phrase (Hor. Od. i xvii 15, etc.), but that is no reason for giving it, as Forb. suggests, the vague sense 'copiously,' instead of taking it 'to the full [of the strainer],' till the strainer is full. 'Eluctabitur,' ooze out.

245. 'Scilicet' denotes the consequence of the process, 'You will see.'

246. Virg. is expressing himself poetically, not with logical precision. He marks the progress of the narrative by 'at,' distinguishing the water from the taste of the water, and, as it were, following the fortunes of both, though the meaning is only 'as the water oozes out, the taste will show you.' Comp. vv. 211, 212.

'Manifestus' seems plainly to go with 'faciet,' not with the following clause, whichever reading be adopted in 247. 'The taste will clearly betray the truth.' 'Indicium facere,' play the tell-tale. 'Id anus mihi indicium fecit,' Ter. Adelph. iv 7.

247. ['Amaro' Med. (late corr.), Serv.; 'amaro' Med., Pal., Rom., mentioned by Serv. Hyginus (in Gell. i 21) says that he found in a text which 'ex domo fuisset atque familia Vergilii,' the reading 'torquebat amaror,' and he comp. Lucr. iv

pinguis item quae sit tellus, hoc denique pacto
 discimus: haut umquam manibus iactata fatiscit,
 sed picis in morem ad digitos lentescit habendo. 250
 umida maiores herbas alit, ipsaque iusto
 laetior. a, nimium ne sit mihi fertilis illa,
 nec se praevalidam primis ostendat aristis!
 quae gravis est, ipso tacitam se pondère prodit,
 quaeque levis. promptum est oculis praedisçere nigram,
 et quis cui color. at sceleratum exquirere frigus 256
 difficile est: piceae tantum taxique nocentes

224 (as does Serv.).—H. N. 'Amaror' is accepted by most edd. since Heyne, incl. Ribbeck: Con. preferred 'amaro' on internal evidence, thinking 'amaror,' similar in sense to 'sapor,' to be needless and ungraceful.]

'Tristia' is proleptic. 'Will warp the mouths of the triers into disgust by the sense.' [Comp. Palladius I v 3.—H. N.]

248. 'Denique' belongs to 'hoc pacto,' and means 'to be brief.' The remaining instances are despatched concisely.

249. 'Fatiscit,' cracks in pieces, I 180.

For 'iactata' Wakef. conjectured 'tractata,' which the poet seems purposely to have rejected in favour of a more poetical word. There is the same liveliness in the Lucretian 'iacere indu manus.' 'Manibus tractata' occurs Lucr. IV 230, within a few lines of 'amaror;' it is conceivable that the whole passage may have been in Virg.'s mind at the time of writing.

250. 'Ad digitos' is explained by the notion of 'adhaeret' contained in 'lentescit.'

'Habendo' [has not the same subject as the sentence; see Munro Lucr. I 312, E. VIII 71, G. III 454, Roby part II p. lxi]. The test is mentioned by Col. II 2, § 18, with a slight variety.

251. 'Majores,' higher than usual. 'Ipsa,' in itself, as distinguished from the particular luxuriance of the grass.

253. ['Neu' Med. corr.—H. N.]

'Primis aristis,' when the ears first appear, just before earing. Over-luxuriance before earing is adverse to productiveness, as is observed by Mr. Blackburn, who adds, 'On my remarking once to a country squire, what excellent corn crops his land ought to produce, he said that, from its richness, the corn was apt to go to straw instead of ear.'

254. 'Tacitam' is for 'tacite,' perhaps meant to be opposed to 'indicium faciet.' 'Without farther experiment.'

['Prodet' Med.—H. N.]

255. 'Oculis' may be construed as dat. with 'promptum' or as abl. with 'praedisçere.' With the former interpretation comp. Ov. M. XIII 10, 'Sed nec mihi dicere promptum, Nec facere est istis.'

'Praedisçere,' either to learn before you cultivate the field, or to learn at once, before experiment or investigation, opp. to 'exquirere.' [Rom. has 'praedicere.'—H. N.]

256. 'Cui' is taken by Heyne as = 'cuicumque,' and by Wagn. and Forb. as = 'cuique.' Both are unnecessary. It is a double question, as Ladewig takes it. Misunderstanding of the construction led at an early period to corruptions of the text. Serv. mentions two readings, 'quisquis,' which he declares to be right, and 'quis cuique,' which it was sought to make metrical by omitting 'at' or by changing 'color' into 'colos,' as if the final 's' could be elided. The oldest MSS. are similarly divided; Med. has 'quis cuique,' Pal. and a late corr. in Med. 'quisquis,' Rom. 'quis cui cive;' one of Ribbeck's cursives gives 'quis cui' from a corr. Ribbeck accepts 'quisquis.'

'Sceleratum;' Pliny XXIV 117, 'Adversantur serpentium sceleratissimis haemorrhoidi et presteri.' The word is however probably half playful, and may be compared with Hor. S. II iii 71, 'Effugiet tamen haec sceleratus vincula Proteus,' and Plaut. Pseud. III ii 28, 'Senapis sceleia . . . oculi ut exstillent facit,' but the text here is doubtful.

257. Comp. above v. 113, 'Aquilonem et frigora taxi.' Pliny XVII 33, 'Terram

interdum aut hederæ pandunt vestigia nigrae.

His animadversis, terram multo ante memento
 excoquere et magnos scrobibus concidere montis, 260
 ante supinatas aquiloni ostendere glæbas,
 quam laetum infodias vitis genus. optima putri
 arva solo : id venti curant gelidæque pruinæ
 et labefacta movens robustus iugera fossor.
 at, si quos haut ulla viros vigilantia fugit, 265
 ante locum similem exquirunt ubi prima paretur

amaram probaverim ; demonstrant eam atræ degeneresque herbae, frigidam autem retorride nata.' Professor Ramsay (Dict. Ant. 'agricultura') says that the ancients used to estimate untried ground not only by the qualities which could be detected by sight and touch, but also from the character of the trees, shrubs, and herbage growing upon it spontaneously, a test of more practical value than any of the others enumerated here (177-258).

258. Pliny XVI 144 foll. after Theophrastus, divides ivy into 'candida,' 'nigra,' and 'helix.' The 'hedera alba' is an emblem of beauty, E. VII 38.

'Pandunt vestigia,' reveal the traces of the cold. Wakef.'s interpretation, 'extend their roots,' is far from probable.

259-272. 'Having ascertained the soil you want, let it be well trenched and thoroughly exposed to sun and air before you plant. The object is to make the soil crumbling. A careful gardener will make his nursery-ground like his vineyard, and transplant his trees into precisely the same position which they have occupied hitherto.'

259. 'His animadversis' = 'agri qualitate deprehensa,' Serv.

260. Lucr. VI 962, 'terram sol excoquit et facit are.' 'Scrobibus : ' see v. 235.

'Concidere : ' Justin II 1, 'Concisam fossis Aegyptum.' Rom. has 'circumdare.'

'Magnos montes' (imitated from Lucr. I 201, 'magnos manibus divellere montes') is a strong and perhaps exaggerated expression, as if the husbandman was to dig up ('concidere') whole mountains. The lesson to be enforced is that of hard work : see v. 37 note. There is the same feeling in 'excoquere,' indicated not merely by the preposition, but by the attribution of the process not to the sun but to the husbandmen. With this word, and with

the next line, comp. I 65, 66, a passage animated by the same enthusiasm.

261. The repetition of 'ante' is emphatic ; no labour is to be spared, no vigilance omitted.

'Supinatas,' upturned. 'Aquiloni ostendere : ' Varro I 24, 'Ager soli ostentus.' Hesiod Works 611, Δεῖξαι δ' ἡελίῳ (βότρυς).

263. 'Id' = 'ut putri solo sint.' The connexion is 'The great object is to have a crumbling soil ; that is the work of wind, frost, and hard spade labour.' Virg. recurs to the precepts he had just given vv. 259-261, and shows the reason for them. The passage then is parallel to v. 204, 'Et cui putre solum, namque hoc imitatur arando,' which Philarg. compares.

With the mention of the wind comp. I 44, 'Zephyro putris se glæba resolvit,' though here perhaps Virg. is thinking of sharper winds.

264. The process of stirring the ground called 'pastinatio.' 'Robustus,' as in E. IV 41, paints vigorous exertion.

'Labefacta,' loosened. Seneca, N. Q. IV 5, 'Nix tenera et labefacta ; ' Lucr. I 492, 'Tum labefactatus rigor auri solvitur aestu.' It would be also possible to interpret 'labefacta movens,' 'movens et labefaciens : ' see below, v. 267.

265. Med. has 'ac,' which Ribbeck adopts. 'Si quos haut ulla viros vigilantia fugit' is a poetical variety for 'si quos prae vigilantia nihil fugit.'

266. 'Ante' is best explained by 'ante' above, vv. 259, 261. Wishing to impress on the husbandman the necessity of thorough work, he has mentioned various indispensable preliminaries to planting the vine. He now adds one which, he says, a perfect workman will adopt, that of providing the same kind of ground for the nursery and for the vineyard.

arboribus seges et quo mox digesta feratur,
mutatam ignorent subito ne semina matrem.
quin etiam caeli regionem in cortice signant,
ut, quo quaeque modo steterit, qua parte calores 270

'Locum similem' then will be in apposition alternately with each of the two clauses that follow, 'ubi . . . seges,' and 'quo . . . feratur,' 'a like spot for the nursery, and a like spot for the vineyard.' Or we might explain the construction differently, by saying that the poet used 'similem' with a view to only one of the two spots, the vineyard, which was to be like the nursery, or the nursery, which was to be like the future vineyard; and that then, in explaining the comparison, he expressed himself as if he had said, 'Exquirunt duos locos, alterum alteri similem, scilicet, ubi etc., et quo' etc. For this change of view compare I 421, and Aesch. Prom. 555, τὸ διαμφίδιον δέ μοι μέλος προσέπτα τὸδ' ἐκείνῳ θ', ὅτε κτλ. 'Ubi paretur' and 'quo feratur' depend equally on 'exquirunt'; each alike is to be the object of the husbandman's search.

267. Keightley supposes 'similem' to mean 'a soil like that in which the parent vine stands,' explaining vv. 269 foll. similarly of transplanting into, not from, the nursery; but this seems far less likely. The 'seminarium' for vines is described by Col. Arb. 1.

'Arboribus seges:' the vine-crop for its supporters. The commentators, supposing Virg. to be speaking of the nursery for vines in connexion with the vineyard (which in the note on v. 266 I have assumed to be the case), universally understand 'arboribus' of the vines. But such a use of the word is unlikely both in itself (see v. 89 note) and still more in the present context, for in vv. 289, 290 'vitis' and 'arbos' are expressly distinguished. We might evade the difficulty by supposing the reference here to be not to vines at all, but simply to their supporters, which had a 'seminarium' of their own, from which they were transplanted into the 'arbutum,' as appears from Pliny XVII 69, 78, Col. v 6, who apply precepts like these of Virg. to their case. We should then conclude that Virg. being anxious, as elsewhere, to combine brevity with variety, had passed from the vines to their supporters, leaving the treatment of the former to be inferred, as it were, a fortiori. This explanation might be certainly con-

firmed by Col. 1. c., whose language is founded on Virg.'s: 'Ne aliter arbores constituamus quam quemadmodum in seminario steterint: plurimum enim refert ut eam partem caeli spectent cui ab tenero consueverunt.' But such a transition would create an inexcusable ambiguity. I would suggest then that the sense of 'ubi prima paretur arboribus seges' is, 'where at first ('prima' = 'primum,' opposed to 'mox') the vine-crop may be got ready for its supporters,' in other words, may be prepared for afterwards standing in the 'arbutum,' a description of a nursery for vines, in which the poet may have been thinking of a maiden being trained for a husband. This would further avoid the necessity of changing the sense of 'seges' in the two clauses, and referring it in the first to the soil of the nursery, in the second to its contents.

'Digesta feratur' = 'digeratur et feratur,' or rather 'feratur et digeratur.' Comp. v. 318, 'Concretam radicem adfigere terrae.' [Pal. originally had 'feratur.'—H. N.]

268. 'That the sudden change may not make the plants feel strangely to their mother.' 'Subito' goes with 'mutatam.' 'Semina' are the young vines; see below, v. 354, 'Semibus positis.' The application of the word to young trees is common in the agricultural writers, and is embodied in the word 'seminarium.'

'Matrem' is the earth. Comp. A. XI 71, 'Non iam mater alit tellus virisque ministrat.' Pliny XVII 69 ingeniously distinguishes the 'seminarium' and the vineyard as 'nutrix' and 'mater.'

270. Pliny XVII 83 says that, as Cato has made no mention of this practice, it is probably valueless; and adds that some intentionally changed the position of vines and figs when transplanted.

If we take the construction to be 'restituant modum quo quae steterit,' etc., we shall not have to suppose a change of construction at 'quae terga obverterit,' which is necessary if we follow the commentators in understanding 'arbores' as the object of 'restituant.' The manner of the repetition also seems to indicate that the several clauses are objects of the verb

austrinos tulerit, quae terga obverterit axi,
 restituant: adeo in teneris consuescere multum est.
 collibus an plano melius sit ponere vitem,
 quaere prius. si pinguis agros metabere campi,
 densa sere; in denso non segnior ubere Bacchus; 275
 sin tumultis adclive solum collesque supinos,
 indulge ordinibus, nec setius omnis in unguem

The words of Col. quoted on v. 267 might be pleaded for the ordinary view, but he follows Virg. so closely that his use of language cannot be considered independent.

'Qua parte calores austrinos tulerit,' the part on which it bore the brunt of the southern heat.' [Med. originally had 'steterint' and 'tulerint'.—H. N.]

271. 'Axi,' the north pole. Comp. III 351, 'Quaque redit medium Rhodope porrecta sub axem.' 'Quae terga,' that side which, as a back, it turned to the cold wind of the north.

272. 'Adeo in teneris consuescere multum est,' 'so powerful are habits formed in tender age.' The connexion requires this rather than 'so powerful is habit in the case of things of tender age.' The poet is speaking of habits formed in the nursery, and in their effects extending to the 'arbustum.' 'In teneris' then has the force of 'in teneris annis,' though we need not suppose an ellipsis.

The line is quoted by Quint. I 3 with 'a teneris,' habits which have lasted from infancy.

273-287. 'Plant your vines closely on the plain; on slopes more widely, yet still in regular lines and at equal distances, so as to present the appearance of a legion, and that not merely for appearance, but to give each plant as much growing room as its neighbours.'

273. Some vines were better suited for the hill, some for the plain. See Col. III 1, § 5.

274. 'Prius:' another preliminary, which ought in strictness to have preceded that mentioned in the last paragraph, 'terram multo ante memento,' etc. 'Campi' is the same as 'plano' and the emphatic word. 'If you measure out, or set apart for a vineyard, fields in a rich plain.' 'Pinguis,' opp. to the light soil of the hills. With the language comp. the oracle in Hdt. I 66, καὶ καλὸν πεδίων σχοίνῃ διαμετρήσασθαι.

There seems to have been another reading, 'agri—campos,' supported by Gud. and partly by Pal.

275. It would be harsh to take 'densa' as strictly adverbial. It is rather an adjective agreeing with an indefinite substantive.

'Non segnior ubere,' not less prolific. Comp. 'segnes terrae,' v. 37, 'segnis carduus,' I 151, and for 'segnis' with abl. A. VII 383 (note). 'In denso' = 'in loco denso consito:' comp. 'in sicco.' 'In denso ubere' could scarcely mean anything but a close or stiff soil, and such is really the sense of 'densus' in Ov. M. II 576, 'densumque relinquo Litus, et in molli nequiquam lassor harena,' expressing the crowding of the parts of the soil, not, as Wund., followed by Forb., explains it, the crowding of things upon it. 'Uber' is specially used of the fruitfulness of the vine; Col. IV 27, 'ut ubere suo gravatam vitem levet;' Claud. B. G. 504, 'palmitis uber Etrusci.' 'Not less prolific than when planted wide, because in the rich plain there is abundance of nutriment.'

276. 'Supinos,' gently sloping, so as to present a broad surface, which seems to be the general notion of the word as applied not only to hills but to plains and the sea. See Bentl. on Hor. Epod. I 29.

277, 278. 'Indulge,' give your rows room, set them wide.

'Nec setius:' the order of words is probably 'nec setius (quam si densa seras) omnis secto limite via, arboribus positis, quadret in unguem,' i.e. still (as much as when planting close) let each avenue with drawn line, as you plant your trees, tally exactly, = plant so that the line of each avenue exactly tallies with the rest. Nothing more than regularity is prescribed in the two lines so understood: it is the simile of the legion in vv. 279, 280 which shows [or, at least, is usually held to show] that the 'quincuncialis ordo' is intended.

arboribus positis secto via limite quadret.
 ut saepe ingenti bello cum longa cohortes
 explicuit legio et campo stetit agmen aperto 280
 directaeque acies ac late fluctuat omnis
 aere renidenti tellus, necdum horrida miscent
 proelia, sed dubius mediis Mars errat in armis :
 omnia sint paribus numeris dimensa viarum ;

278. 'Secto via limite' = 'via secta : ' no distinction seems intended between 'via' and 'limes.' Comp. I 238 and A. II 697, where 'via' and 'limes' occur in the same context without visible contrast. Martyn and Donaldson, however, take the words in their precise senses, making 'limes' the transverse path which cuts the 'via.' The constr. must then be 'omnis via, secto limite (= 'cum limes sectus fuerit,' abl. abs.), quadret (cum eo limite).' The abl. abs. in place of some other constr. may be comp. with Juv. I 70, 'viro misceat sitiente rubetam,' but it is extremely awkward after 'arb. positus.'

'Arboribus : ' so far as the precept of regularity is concerned, 'arboribus' could mean equally the vines or their supporters. But the young vines could hardly be comp. to the cohorts of a legion, and 'arb.' naturally means the trees (see v. 89 note).

279. There is no ground for taking 'saepe' after 'cum,' with Wagn. A I 148 merely shows that Virg. might have so expressed himself.

'Ingens,' a perpetual epithet, cf. A. I 267, 'bellum ingensgeret Italia,' v. 1180, etc.

'Cohortes.' [The comparison is general: troops and trees are arranged in regular order. Most editors, including Conington, suppose that Virgil has a special simile in view : they hold that he is comparing the system of planting trees 'in quincuncem' (Varro R. R. I vii 2; Cic. de Sen. 59; Col. III xiii 4, etc.) with the manipular system of the older Roman army, when the maniples are said to have been arranged thus :



But (1) the exact nature of the manipular system is disputed, and (2) it had certainly vanished before Virgil's time. Moreover, (3) no ancient writer compares the quincuncial order of tree planting to the manipular order of battle, and (4) the

sign which is usual for the 'quincunx' does not resemble what is usually assumed to be the manipular order. It seems, therefore, improbable that Virgil had in mind anything more than a general similarity between the lines of trees and troops, and this view best suits his diction ; 'quadret' (v. 278), 'paribus numeris' (v. 284) certainly do not suit an arrangement like that figured above.]

280. 'Agmen' is the column in order of march, which deploys into 'acies' or line of battle.

281. 'Derigere aciem' is a common military phrase. Livy xxxi 27, 'Coniectisque in medium sarcinis aciem derexisset,' ['derigere' meaning properly to make straight.—H. N., Contr. to Latin Lex. p. 432. Cic. de Sen. 59 has 'directos (arborum) in quincuncem ordines.']

282. 'Renidenti : ' this verb means properly to smile, and is thence to glitter, like γελᾶν: Il. xx 362, γίλασσε δὲ πᾶσα περὶ χθῶν Χαλκοῦ ὑπὸ στεροπῆς. Coupled with 'fluctuat,' it may be intended to remind us of the Aeschylean ἀνθρώπων γίλασμα. 'Aere renidenti tellus : ' 'aere renidescit tellus,' Lucr. II 326. The whole passage appears to be a study after the splendid picture drawn in that and the surrounding lines rather than a natural and appropriate illustration of the vineyard.

'Necdum,' while the regularity of their order is undisturbed. 'The grim mêlée of the fight has not yet begun.' ['Nedum' Verona fragm. for 'necdum.'—H. N.]

283. 'Dubius,' generally in suspense. Mars is not yet called into action, and therefore is said to hover between the armies.

'Mediis in armis' = ἐν μεταχειμῶν, the space between two armies. Possibly the image before Virg.'s mind was that of two Roman armies facing in civil war.

284. It seems best to make this the apodosis of the simile, though Virg. occasionally introduces a simile without a

non animum modo uti pascat prospectus inanem, 285
sed quia non aliter vires dabit omnibus aequas
terra, neque in vacuum poterunt se extendere rami.

Forsitan et scrobibus quae sint fastigia quaeras.
ausim vel tenui vitem committere sulco.

— altior ac penitus terrae defigitur arbos,

290

regularly expressed apodosis; and in the present passage it matters nothing, so far as sense is concerned, whether we take one from the preceding or following lines.

'Viarum' may be taken with 'omnia' or with 'paribus numeris'; the order of the words points to the latter.

'Paribus numeris viarum' probably = 'pares et numerosae viae,' equal and regular avenues. Comp. 'numero horto,' Col. x 6. If the order is that of the 'quincunx' all the avenues cannot be equal, but the corresponding ones may. Varro I vii 2, 'Si sata sunt in quincuncem propter ordines atque intervalla modica.' Quint. VIII 3, § 9, 'Quid enim illo quincunce speciosius, qui, in quamcunque partem spectaveris, rectus est? Sed protinus in id quoque prodest, ut terrae sucum aequaliter trahant.' Pliny XVII 78, 'In disponendis arboribus arbustisque ac vineis quincuncialis ordinum ratio vulgata et necessaria, non perflatu modo utilis, verum et aspectu grata, quoquo modo intueare in ordinem se porrigente versu.'

['Demensa' Med. originally.—H. N.]

285. 'Inanem' seems to be transferred from 'prospectus' to 'animum.' Comp. 'animum pictura pascit inani,' A. I 463. We may then take 'inanem' closely with 'pascat,' as Mr. Blackburn suggests, feed unsubstantially, i.e. without a view to utility, not unlike 'pinguis pascere oves' E. VI 4.

287. 'Because otherwise the boughs will have no empty space wherein to spread themselves.' Ribbeck reads 'poterunt extendere' (Rom. Pal.); but 'se' is found in Med., Ver. fragm., and Gud.

288-297. 'The trench for the vine may be shallow; that for its supporter must be deeper.'

288. 'Fastigium' is used of the slope of a trench, Caesar, B. G. VII 73, 'Ante hos obliquis ordinibus in quincuncem dispositis scrobes trium in altitudinem pedum fodiebantur, paullatim angustiore ad infimum fastigio'; 'fastigate' is used of a slope opposed to a perpendicular, ib. IV 17. Virg. evidently intends us to think of

depth, which would depend on the length and inclination of the slope. [Non. p. 302, 463, Serv., Philarg., and the Berne scholia take it simply as = 'depth.'—H. N.] In Varro I xiv 2, fossa ita idonea si . . . fastigium habet ut [aqua?] exeat e fundo, it appears to mean the fall of a drain: Id. ib. xx 5, 'agricolae hoc spectandum quo fastigio sit fundus,' it seems to be for the level of the ground. It would be easy to classify these meanings and connect them with those which contain the parallel notion of height; but we seem not to have the starting-point of a plausible etymology. ['Forsitan' Rom.—H. N.]

289. 'Sulcus' is clearly distinguished from 'scrobes' in the agricultural writers; from Pallad. II 10, Pliny XVII 139, and Col. Arb. IV, it would appear that the 'sulcus' is characterized by length. Virg., however, obviously intends no such distinction. As to the exact depth of the 'scrobes' or 'sulci' writers seem to vary: Pliny XVII 80 foll., Col. IV 1, v 6, etc. Much depended, as Col. VII 13 remarks, on the particular soil. It would seem however (Col. v 5 and v 6) that vines were planted less deeply in an 'arbustum' than in another vineyard, though the language of these passages is scarcely consistent with Id. Arb. XVI.

290. 'Arbos' here is evidently distinguished from the vine. The old view was, that Virg. meant merely to contrast the vine with other trees generally; but Heyne rightly regards it as a contrast between the vine and its supporter. Comp. notes on vv. 2, 89, 267, 278.

'Terrae defigitur:' 'defigere aliquem cruci' is quoted from Varro ap. Non. [Compare v. 306, E. VIII 101 note, G. IV 115; in A. XII 130, 'defigunt tellure hastas' seems the better reading.] The construction is 'arbos altior defigitur ac penitus terrae defigitur.'

It appears from the passages just cited from Col. and Pliny, that other trees were never planted at so slight a depth as the vine sometimes was, but the difference is not so great as this passage would denote.

aesculus in primis, quae, quantum vertice ad auras
 aetherias, tantum radice in Tartara tendit.
 ergo non hiemes illam, non flabra neque imbres
 convellunt; immota manet, multosque nepotes,
 multa virum volvens durando saecula vincit; 295
 tum fortis late ramos et bracchia tendens
 huc illuc, media ipsa ingentem sustinet umbram.
 Neve tibi ad solem vergant vineta cadentem;
 neve inter vites corylum sere; neve flagella
 summa pete, aut summa defringe ex arbore plantas;

291. 'Aesculus:' Pliny XVII 201 says 'Transpadana Italia . . . quercu arbustat agros,' i.e. plants them in 'arbusta' to support the vine. Part of the following description, which appears simply ornamental, is repeated by Virg. of the 'quercus' A. IV 445 foll.

292. ['Radicem' Med. Pal.—H. N.]

293. Wagn. needlessly explains 'imbres' of torrents swollen by rain.

294. 'Multos nepotes,' many successive generations. Comp. v. 58. The Verona fragm., Gud., and other MSS., and Nonius p. 525, read 'multosque per annos,' an interpolation, as Wagn. conjectures, derived from IV 208.

295. Lucr. I 202, 'Multaque vivendo vitalia vincere saecula;' III 948, 'Omnia si pergas vivendo vincere saecula.'

'Volvens,' rolling, and so going through. Comp. 'tot volvere casus,' A. I 9; a parallel use of 'condere' has been noticed E. IX 52. The notion implied in 'volvens' would be more naturally coupled with 'saecula,' as in 'volvenda dies,' A. IX 6, but such inversions are not rare. 'Many are the posterities, many the generations of men that it rolls along, and lives down victoriously, while stretching out its sinewy branching arms on all sides, it supports with its central bulk the vast weight of their shade.'

296. 'Tum' appears to indicate a point in a description, not necessarily a point of time, and generally the last point, so as to be nearly = 'denique.' Comp. E. II 49, A. I 164, IV 250, VI 577, VII 76. It seems hardly necessary with Heyne to divide the poetical picture logically, and say, that the depth of the roots is the cause, first, of the firmness (v. 293) and long life (vv. 294, 295) of the tree; secondly, of its power to bear the weight

of its boughs (vv. 296, 297). Ribbeck adopts 'pandens' [a variant mentioned in the Berne scholia,] from Gud.

298. 'A vineyard should not face west: a hazel should not be planted to support the vine: cuttings should not be taken from the top, either of the vine or of its supporter: a blunt knife should not be applied to the young plant: a wild olive should not be used as a supporter, as it is apt to catch fire, and the whole plantation may be burnt down.' Virg. despatches in a few lines a number of miscellaneous precepts, ending with an ornamental description.

The precept 'Neve tibi ad solem' is noticed by Col. (III 12), and Pliny (XVII 19), with an intimation that it was not generally received. Their own view, as well as that of Palladius (VI 6), is that the aspect of a vineyard should vary with the climate.

299. Pliny (XVII 240) says of the vine 'odit et corylum.'

'Flagellum:' the tender shoot at the end of the branches of the vine. Varro I xxxi 3, 'Quam vocant minorem flagellum, maiorem et iam unde vvae nascuntur palmam.' Catull. LXII 52, 'vitis . . . lamiam contingit summum radice flagellum.' 'Summa flagella' does not mean the end of the shoot, but the shoot at the top of the vine. For the precept that cuttings are not to be made from the top-most shoots, comp. Col. III 10. Pliny XVII 105 recommends the contrary. ['Corulum' Rom.—H. N.]

300. 'Defringe' is used by Varro (I xl 4), who opposes it to 'deplantare,' the latter being the less violent mode of separation. The word here is not to be pressed; it is not the manner of removing the branch, but the part from which the

tantus amor terrae; neu ferro laede retunso 301
 semina; neve oleae silvestris insere truncos:
 nam saepe incautis pastoribus excidit ignis,
 qui, furtim pingui primum sub cortice tectus,
 robora comprehendit, frondesque elapsus in altas 305
 ingentem caelo sonitum dedit; inde secutus
 per ramos victor perque alta cacumina regnat,
 et totum involvit flammis nemus, et ruit atram
 ad caelum picea crassus caligine nubem,
 praesertim si tempestat a vertice silvis 310
 incubuit, glomeratque ferens incendia ventus.
 hoc ubi, non a stirpe valent caesaeque reverti

branch is removed, that forms the point of the precept. 'Arbore,' the tree which supports the vine.

'Plantas,' cuttings for the 'seminarium' (see note on v. 267). Pliny XVII 105 refers to this passage, which he seems to understand of trees in general, while he supposes Virg. to be speaking of cuttings for grafting.

301. 'Tantus amor terrae:' so great is their love for the earth that when they are far from it they are less vigorous.

'Ferro retunso:' comp. Col. IV 24.

302. 'Semina,' the young vines or trees; see v. 268.

'Oleae' Pal. Rom. Serv. Wagner conjectured 'olea' [which, according to Hoffmann, is the reading of Med.] and, giving 'insere' the technical sense of grafting, understood the caution to be against grafting the olive on the 'oleaster.' This view is apparently supported by Palladius (v 2), who gives directions for grafting olive on oleaster without this bad result from a fire. But this involves an extremely awkward insertion of an isolated precept about the olive in the midst of precepts about the vine, which are continued down to v. 420, where there is a distinct transition to the olive; nor does Columella seem to be aware of any danger to the olive from the oleaster (v 9). It seems better then to retain 'oleae' and understand 'insere' of planting in the 'arbustum,' as in Col. v 7, 'Arboribus rumpotinis si frumentum non inseritur.' 'Insere' thus = 'intersere,' v. 299. It appears from Pliny XVII 200 that the olive, if not too leafy, was frequently used as a supporter, though Theophr. Caus. Plant. III 15 condemns it

as drawing too much nourishment from the vine. There was an inducement to plant the 'oleaster' and 'corylus' among other trees, as affording foliage for the food of cattle, Col. v 9. Hence perhaps the present caution.

304. The tree is called *πικρόν και λιπαρόν*, Theophr. H. P. v 10, and is said to be good for burning.

305. ['Elabsus' Pal. Rom.—H. N.]

306. ['Caelo:' local dat., esp. common with 'caelo' (A. v 451, etc.), 'terrae,' 'humo' etc. E. VIII 101 note.]

'Secutus,' running along the wood. Comp. A. VIII 432, 'flammisque sequacibus iras.' The word, as Maclean remarks on Pers. Prol. 5, is used where, strictly speaking, there is no notion of following a lead; but the image seems always to be that of following, whether or no there is actually any thing to follow.

307. 'Dominates victoriously among the branches and the summits that tower so high.'

308. 'Nemus,' the 'arbustum.' 'Ruit' of an impulse from below: see I 105.

311. 'Glomerat,' masses, and so makes fiercer. 'Ferens ventus,' a fair wind, *φορός* or *επιφορός άνεμος*: 'fieret vento mora ne qua ferenti,' A. III 473; 'Expectet facilemque fugam ventosque ferentis,' A. IV 430. So our sailors speak of 'a carrying wind.'

312. 'Hoc ubi: subaudis "contigerit," Serv., but no parallel has been adduced. Wakef. connects 'hoc' with v. 314, taking 'ubi' with 'valent' and 'possunt,' 'thus, when the vines are irreparably injured, you have only the wild olive left.' There are several passages in Lucr. where

possunt atque ima similes revirescere terra;
infelix superat foliis oleaster amaris.

Nec tibi tam prudens quisquam persuadeat auctor
tellurem Borea rigidam spirante movere. 316
rura gelu tunc claudit hiemps, nec semine iacto
concretam patitur radicem adfigere terrae.
optuma vinetis satio, cum vere rubenti

'hoc' may be used similarly, with 'ubi' following, e.g. IV 360, 'Hoc, ubi suffugit sensum simul angulus omnis, Fit quasi ut ad tornum saxorum structa tuamur;' [Munro on III 531, IV 553: see v. 425 below.] The authority for this punctuation as compared with the other makes it plausible; but it does not seem well suited to express the sense required. Virg. would hardly say 'the wild olive survives in cases where the vines cannot recover,' as his meaning evidently is that the vines never recover.

'Non a stirpe valent' is a condensed expression for 'stirpe valent et a stirpe repullulant;' their stock no more shows life. 'Que' is disjunctive. 'Valent,' sc. 'vites.' 'Caesae,' when the burnt stock has been cut (to make it grow again).

313. 'Ima terra,' from the earth at their roots.

314. 'Infelix,' barren. 'Superat' = 'solus superest:' see v. 235. We might say 'is left master of the field.'

'Foliis amaris' seems to be an implied opposition to the 'dulces uvae' that have been lost. The bitterness would not hinder their being good for fodder; comp. 'salices carpentis amaras,' E. I 79.

315-345. 'Do not plant vines in winter, but in spring or towards the end of autumn. In spring all nature is procreant and prolific, and the weather favours infant growth. In spring the world itself was created. Were there no spring, young life would perish between the two extremes of cold and heat.'

315. 'Nec,' etc. = 'nec quisquam tam prudens habeatur ut tibi persuadeat.' 'Let no adviser have such credit for foresight as to persuade you.' [For 'persuadeat auctor' Pal. has an extraordinary error, 'persuadit acantho.'—H. N.]

316. Virg. is dissuading the vine-grower from planting in winter, when there are north winds and frost. Comp. I 299.

'Movere' Med. restored by Wagner.

Pal., Rom. and Nonius p. 380 have 'moveri' (so Heyne and Ribbeck on rhythmic grounds); it would mean, **let** no one persuade you of the fact that the earth should be stirred.

'Movere,' in order to make 'scrobes.' The passages quoted by the commentators from Cato, Pliny, Columella, etc., have reference rather to the weather than to the season, though one may be taken as implying the other.

317. ['Tunc' Med., Rom. etc. and H. N. Ribbeck and Con. read 'tum,' the latter urging that Virg. would not use 'tunc' before a consonant. Others distinguish 'tunc' from 'tum' as the more emphatic, but it does not appear that there is any such distinction in principle between the two forms. Here euphony supports 'tunc.']

'Semine iacto,' a phrase properly relating to the sowing of corn (I 104) or other seed, is used of the planting of trees. Comp. vv. 268, 302.

318. 'Concretam' might be taken as 'concretam gelu,' the epithet which would naturally belong to 'terrae' being joined with 'radicem.' But it is better to take it as = 'ita ut concreseat,' sc. 'terrae.' Comp. Claudian, 6 Cons. Hon. 77, 'Hinc tibi concreta radice tenacius haesit.' [Ribbeck adopts 'concretum,' the first reading of Med., and takes 'concretum terrae' together as = 'the congealed state of the soil.'—H. N.]

'Adfigere:' 'id cuius semen est,' understood from what precedes, is the subject, or perhaps 'semen' itself, the young shoot.

319. 'Rubenti,' with flowers. 'Ante novis rubeant quam prata coloribus,' IV 306. Col. III 14 says that vines should be planted in spring or autumn, according to the climate and the character of the soil, the time in the former case being from the middle of Feb. to the vernal equinox, in the latter from the middle of Oct. to Dec. I.

candida venit avis longis invisā colubris, 320
 prima vel autumnī sub frigora, cum rapidus Sol
 nondum hiemem contingit equis, iam praeterit aestas.
 ver adeo frondi nemorum, ver utile silvis,
 vere tument terrae et genitalia semina poscunt,
 tum pater omnipotens fecundis imbribus Aether 325
 coniugis in gremium laetae descendit, et omnis
 magnus alit, magno commixtus corpore, fetus.
 avia tum resonant avibus virgulta canoris,
 et Venerem certis repetunt armenta diebus;
 parturit almus ager, Zephyrique tepentibus auris 330
 laxant arva sinus; superat tener omnibus umor;
 inque novos soles audent se germina tuto

320. 'Avis,' i.e. 'ciconia,' the stork. Juv. XIV 74, 'Serpente ciconia pullos Nutrit.' Isid. Origines XII 7, 'Ciconiae veris nuntiae, societatis comites, serpentium hostes.' It seems to be mentioned only ornamentally, as harbinger of spring.

321. 'Prima autumnī frigora': the first cold days of autumn, i.e. the latter part of the season. See above v. 319. 'Rapidus' is a perpetual epithet of the sun, to be understood like 'rapido aestu' (E. II 10), etc.: see I 92.

323. 'Adeo' can only be rendered in English by laying a stress on 'ver' (EIV 11). 'Nemorum' and 'silvis' probably both mean the trees in the 'arbustum.' 'Frondi' may be specified on account of its use as food for cattle. [Med. has traces of a reading 'frondi est.'—H. N.]

324. 'Tument': Theophr. C. P. III 3, ὄργῃ δὲ [ἢ γῆ] ὅταν ἐνικμος ᾖ καὶ θερμὴ καὶ τὰ τοῦ αἴρος ἔχῃ ζύμμετρα, τότε γὰρ εὐδιαχυρὸς τε καὶ εὐβλαστὴς καὶ ὀλῶς εὐτρεπὴς ἴσται. The language of the following passage is metaphorical, and borrowed from physical generation.

325. Comp. Eur. fr. inc. DCCCXC 9, 10, ἐρῆ δ' ὁ σεμνὸς οὐρανὸς πληρούμενος Ὀμβροῦ πεσεῖν ἐς γαῖαν Ἀφροδίτης ἕπο: Aesch. Danaides, fr. XLIII. Some identify 'Aether' and 'Tellus' with Jupiter and Juno, and Virg. may have thought of the description Iliad XIV 346 foll.; but the passage contains rather a poetico-physical than a theological view of the subject, and is evidently suggested by Lucr. I 250, 'pereunt imbres ubi eos pater Aether In gremium matris Terrae praecipitavit,'

Id. II 992, 'Omnibus ille idem (caelum) pater est unde alma liquentis Umoris guttas mater quum terra recepit' (see Munro). Comp. also E. VII 60.

326. 'Gremium' [as in Lucr. I 250, Cic. de Sen. 51 'gremio (terrae) mollito ac subacto']. 'Laetae,' fruitful, G. I 1, etc.

327. 'Alit fetus' departs the figure of the marriage of heaven and earth to the common and natural idea of the fertilizing effect of showers.

'Magnus . . . magno:' Virg., like Ovid, is fond of such combinations, e.g. I 190, 'Magnaque cum magno veniet tritura calore.' Perhaps he learnt them from Lucretius, e.g. I 741, 'Et graviter magni magno cadidere ibi casu.' But μέγας μεγαλωστί is as old as Homer.

328. Lucr. I 10 foll. 'Avia virgulta' = 'virgulta in aviis silvis.'

330-331. Comp. 'Zephyro putris se glaeba resolvit,' I 44. Here, owing to the long metaphor which has preceded, 'sinus,' which is also metaphorical, is substituted for 'glaebam.' [For 'Zephyri' Med. has 'Zephyris.'—H. N.]

Pal., Rom., Gud. and two other of Ribbeck's cursives have 'tremtentibus,' which [is mentioned in schol. Bern. but] cannot be right.

'Superat,' abounds. Comp. Lucr. v 806, 'Multus enim calor atque umor superabat in arvis,' and see v. 235. 'Tener umor,' Lucr. I 809.

332. ['Germina' Celsus ap. Philarg., and so Ribbeck, H. N., and most edd. Pal. has 'gramine;'] Med. Rom. 'gramina,' doubtfully accepted by Con., who

credere; nec metuit surgentis pampinus austros
aut actum caelo magnis aquilonibus imbrem,
sed trudit gemmas et frondes explicat omnis. 335
non alios prima crescentis origine mundi
inluxisse dies aliumve habuisse tenorem
crediderim: ver illud erat, ver magnus agebat
orbis, et hibernis parcebant flatibus Euri:
cum primae lucem pecudes hausere, virumque 340
terrea progenies duris caput extulit arvis,
immissaeque ferae silvis et sidera caelo.
nec res hunc tenerae possent perferre laborem,

cp. Hor. Od. iv vii i.] 'Credunt se in novos soles' is probably a condensation of 'credunt se solibus' and 'trudunt se in soles,' possibly with a further reference to the expression 'in dies.' 'Soles' are the suns of each day; they are 'novi,' because they are the beginning of the warm season. Virg. probably had in mind Lucr. v 780 foll. 'As new suns dawn, the herbage ventures to encounter them with safety. The young vine-branch has no fear that the south wind will get up, or that the mighty north will send a burst of rain, but puts out its buds, and unfolds all its leaves.'

336. 'Crescentis' = 'nascentis,' which Bentley on Manil. II 428 wished to read. This and the following lines mean that the world was born in spring; not that the first ages of the world were perpetual spring. ['Alias' Pal.—H. N.]

338. 'Ver illud erat:' comp. A. III 173, 'Nec sopor illud erat.' It was springtide that the great globe was keeping. 'Cerdea comp. Catull. LXVIII 16, 'lucundum cum aetas florida ver ageret.'

339. 'Hibernis,' etc.: there was no sign of winter. 'Parcebant flatibus,' like the common phrase 'parcere alicui,' spared them, that is, forbore to put them forth. [Med. has 'hiberni.—H. N.]

340. 'Haurio' is used for drinking through the eyes and ears as well as through the mouth, A. IV 359, x 899. But light and air are not unfrequently confounded, pure ether being supposed to be liquid flame.

341. ['Terrea:' Med. corr., Philargyrius, Serv. probably, Lactant. Inst. II 10, and so Ribbeck and H. N., with Bentley on Hor. Epod. II 18 and Munro. 'Terrea' means born of, or made of earth: for 'duris' comp. Lucr. v 925, 'genus

humanum multo fuit illud in arvis Durius, ut decuit, tellus quod dura creasset,' but the epithet (which has puzzled commentators) may be meant to continue the idea of spring, when the fields cease to be frost-bound. Med. and most MSS., the Bernescholia, Anthol. Lat. XVII 229 (p. 57 Riese) and the Lemma in Serv. give 'ferrea,' which was accepted by Con. Bentley very naturally objects that no poet on earth would have made the iron age the first.]

342. The stars are looked on as living inhabitants of heaven, as the men of earth, and the beasts of the woods; Ov. M. I 73,

'Neu regio foret ulla suis animantibus orba,
Astra tenent caeleste solum formaeque
deorum,
Cesserunt nitidis habitandae piscibus
undae,

Terra ferax cepit, volucres agitabilis aer.'

See also G. IV 227 (note).

343. This verse, with the two following, refers to the beneficence of spring generally.

'Res tenerae' are the young plants, buds, etc., not like 'ipse tener mundi concreverit orbis' in E. VI 34. Comp. Lucr. I 179, 'et vivida tellus Tuto res teneras effert in luminis oras.'

'Hunc laborem,' all the trials to which plants are exposed. So the word is applied to things inanimate I 79, 150, and below, v. 372. Comp. Lucr. v 1213, 'quoad moenia mundi Solliciti motus hunc possint ferre laborem.' ['Possint' Med.—H. N.]

'Sufferre,' the first reading of Med., is perhaps not improbable, as the less common word; but it would be hazardous to

si non tanta quies iret frigusque caloremque
inter, et exciperet caeli indulgentia terras. 345

Quod superest, quaecumque premes virgulta per agros,
sparge fimo pingui et multa memor occule terra,
aut lapidem bibulum aut squalentis infode conchas ;

substitute it for the reading of nearly all other copies [and Serv.].

344. 'Tanta quies' is explained by 'hunc laborem'—'so great a respite.' 'Caloremque:' [so the best MSS., Serv., Nonius, etc. Pal. has 'calorque,' which Philargyrius explains as neuter, quoting Plaut. Merc. v ii 19, 'nec calor nec frigus metuo.'—H. N. Nonius p. 200 quotes the same passage in proof of 'calor' neuter, and the form is accepted by Götz : here, however, as Con. observes, it is merely a grammarian's expedient to get rid of the hypermeter, for which see v. 69 above.]

345. 'Excipere' in its most general sense seems to imply receiving from or after some one or something ; Lucr. v 829 'ex alioque alius status excipere omnia debet,' which Virg. may have had in his mind. 'Excipere hospitio' denotes that the guest is received after a journey, Hor. S. I v 1 ; 'excipere infantem' is said of the nurse who receives a new-born child from its mother, Juv. VII 195. Here the milder skies receive the earth after the severer weather. The poet may be thinking of the earth as annually born into a state of infancy in spring (Voss). In any case vv. 343-5 seem to refer to the general effect of spring on the earth, resuming the subject from v. 335, not, as Mr. Munro thinks, to the time of the creation. Virg. doubtless had Lucr. v 818 foll. before him ; but, as often, he has taken the thought and given it a new application.

['Indulgentia : ' Lucr. I 805 'tempestat indulget tempore fausto.'—H. N.]

346-353. 'Young sets should be manured and well covered up with earth, and have porous stones or shells buried with them, that water and air may get to them better. It is well, too, to place a large stone or piece of earthenware by them, to shield them from rain and heat.'

346. 'Quod superest,' a Lucretian transition [Munro on I 50], which occurs several times in Virg. also. Here it indicates a return from the praises of spring to matters more properly didactic.

'Premes,' plant. There seems to be no

sufficient authority for saying that 'premere' must mean propagating by layers, though no doubt the word might appropriately be so used, as in v. 26. It cannot mean propagation by layers in IV 131, 'Lilia, verbenasque premens vescumque papaver.' Here then, as there, we may interpret it 'to plant,' the notion being that of burying in the earth, as in Hor. Epod. I 33, 'terra premam.'

'Virgulta : ' Theophr. C. P. III v 7, from whom Virg. took this precept, applies it to trees in general. It is, therefore, probably not to be taken here of the vines alone, but also of the trees in the 'arbutum,' like 'silvestria virgulta,' v. 2, in spite of Col. III 15, who quotes this passage with reference to vines. 'Quaecumque' too is perhaps against our supposing that the vine alone is meant.

347. 'Memor occule' = 'memento oculere.' Virg. has here borrowed from Theophr. I. c., who lays down a number of different rules with different objects, and adapted to different soils. From these Virg. has selected indiscriminately. Thus, the stones in Theophr. answer different purposes, being used to collect the water about the roots or to draw it off, according to the temperature of the soil. Nothing is said in Theophr. about the porousness of the stones, and the word which seems to answer to 'bibulum,' ποτιμός, occurs as an epithet of ἄμμος, sand. The 'conchae' are not mentioned, unless we suppose this to be a mistranslation of ὄστρακον. The ὄστρακον in Theophr. is used to keep together the earth which is laid round the root of the shoot. The word would be naturally translated by 'testa,' but the use to which the 'testa' is here put, v. 351, does not correspond ; and mention is made by Theophr. of a practice of burying a κίραμος full of water by the side of the root. Col. I. c. supposes Virg. to mean that stones were to be placed about the root to keep off heat and cold ; though he himself recommends the practice as preventing the roots of one tree from becoming entangled with those of another.

348. 'Aut : ' Keightley remarks that the alternative is singular. But it seems to

inter enim labentur aquae, tenuisque subibit
 halitus atque animos tollent sata; iamque reperti, 350
 qui saxo super atque ingentis pondere testae
 urgerent; hoc effusus munimen ad imbres,
 hoc ubi hiulca siti findit canis aestifer arva.

Seminibus positis, superest diducere terram
 saepius ad capita, et duros iactare bidentis, 355

come from Theophr. l. c., who mentions stones, not the 'lapis bibulus,' as performing something of the same office as manure.

'Lapis bibulus' is 'lapis harenarius,' sandstone, according to Serv. ['Sibulum' Pal. for 'bibulum.'—H. N.]

'Squalentis,' rough. Comp. IV 13 and Lucr. II 422-425, where 'squalor' is the opposite of 'laevor.' Rough shells would leave interstices for the water.

349. 'Tenuis halitus:' comp. 'tenues pluviae' 192.

350. 'Halitus,' probably from the evaporation of the water.

'Animos tollent:' 'Postquam filiolum peperit, animos sustulit,' Plaut. Truc. II viii 10. In A. IX 127 it is used of raising the spirits of another.

'Iamque,' and before now. 'Iam' = ἤδη. 'Vidi iam iuvenem, premeret cum senior aetas, Maerentem stultos praeteriisse dies,' Tibull. I iv 33. 'Reperti,' like 'quid dicam,' I 104, etc., a merely rhetorical climax.

351. 'Super' goes with 'urgerent.' It can hardly be meant that the stone or potsherd is to be laid on the plant, which would thus be crushed; we must suppose that they are intended to overhang it. Theophr. means them to be put at the side. Mr. Long says, 'The "testa" will prevent the earth from being washed away, a necessary precaution when the vines are on a slope: and it also prevents the ground round the roots from being parched and made hard.' [Mr. Marindin compares Xen. Oeconom. XIX 14.]

'Atque' is disjunctive.

'Ingentis:' Med. a. m. pr. and Nonius p. 418 give 'ingenti.'

352. 'Hoc . . . hoc' is a repetition, not a distinction. 'Ad,' πρὸς, with a view to, and in the case of things to be avoided, against.

353. 'Hiulca siti:' proleptic. 'When the sultry dog-star splits the thirsty jaws of the soil.' Catull. LXVIII 62, 'Cum gra-

vis exustos aestus hiulcat agros.' ['Scindit' Pal. for 'findit.' 'Aestifer' Pal. (aestus-pario) and so Ribbeck.—H. N.]

354-361. 'When the sets are planted, dig and plough the ground thoroughly, and make poles and rods to assist the vines in climbing.'

354. 'Seminibus positis:' he seems now to be speaking exclusively of the vines.

'Diducere:' Rom.; 'deducere' Med. 'Diducere,' to break, seems alone suited to the sense. 'Diducit scopulos et montem rumpit aceto,' Juv. X 153. The question was one of orthography to the copyists. Mr. Blackburn however prefers 'deducere,' supposing the precept to be that the earth is to be constantly hoed up to the stems, the rains washing it away and exposing the roots. For the precept see Col. IV 3, § 2, Arb. 13.

355. 'Caput' is clearly used for the root of the tree, a sense which it has repeatedly in Cato, e. g. c. 33, 'capita vitium per sementim ablaqueato; . . . circum capita addito stercus; . . . circum capita sarrito.' Comp. Aristot. de Long. et Brev. Vitae VI 7, τὸ γὰρ ἄνω τοῦ φυτοῦ καὶ κεφαλὴ ῥίζα ἐστὶ. He has before used κεφαλοβαρῆ of trees with heavy roots. In Col. III 10, etc., and Cic. de Sen. 15 [see Reid's note], 'caput' bears a totally different sense, the upper branches of the vine. So the word has opposite senses as applied to rivers: see on IV 319.

'Bidentis' is a two-pronged hoe, with a head weighing about ten pounds, and used more like a pickaxe than a hoe, whence 'iactare' (Keightley). The weight is denoted by 'valido consueta bidenti Ingemere,' Lucr. V 208. [Tibull. II iii 6.] 'Duros,' massive; but used in this connexion the word denotes that the task is severe and the work done thoroughly, like the epithets in vv. 237, 264. Col. III 13 mentions digging and ploughing as alternatives, the distance between the rows being regulated according to the employment of one or the other, from

aut presso exercere solum sub vomere, et ipsa
 flectere luctantes inter vineta iuvencos ;
 tum levis calamos et rasae hastilia virgae
 fraxineasque aptare sudes, furcasque valentis,
 viribus eniti quarum et contemnere ventos 360
 adsuescant, summasque sequi tabulata per ulmos.

Ac dum prima novis adolescit frondibus aetas,
 parcendum teneris, et, dum se laetus ad auras
 palmes agit laxis per purum immissus habenis,

five to seven feet where there is digging,
 from seven to ten where there is ploughing.

356. Med. originally had 'submoveret ipsa.'

357. 'Flectere,' i.e. to plough across as well as up and down the lines of vines ; 'Transversis adversisque sulcis,' Col. l. c. This was made possible by the regular intersecting avenues. Comp. vv. 277 foll. notes. In that case, according to Col., ten feet every way were left in planting ; but he adds that this only answers where the soil is unusually productive.

'Vineta' is used in its proper sense, the plural being natural in a precept,— 'Up and down your vineyards.'

'Luctantis,' like 'saepius,' 'duros,' 'presso,' denotes the pains to be bestowed.

358. This would almost correspond to the training of espalier vines ('pedatio,' 'iugatio'), described by Col. iv 12, etc. But it is clear from v. 361 that the 'ar-busta' are still referred to. The 'calami' seem to be the 'harundines' of Varro I 8, which were used for the 'iuga,' or cross pieces, the 'rasae hastilia virgae,' spear-like wands made of peeled rods, the 'hastilia de vepribus' of Columella. Pal. has 'rassa' ('rasa').

359. The 'sudēs' and 'furcae,' as Mr. Blackburn says, are probably the upright pieces, which are forked at the top, the other being inserted in them horizontally.

'Valentis' is the reading of Med., Rom., and others. The Verona fragm. has 'bicornis' (accepted by Heyne), which, as Wagn. remarks, is a mistaken repetition from I 264.

360. 'Quarum viribus,' abl. instrum., like 'quarum auxilio.' 'Eniti,' climb. Comp. v. 427, 'ad sidera raptim Vi propria nituntur.'

361. 'Tabulata,' stories, the successive branches of the elm to which the vines

were trained, intermediate boughs being removed. They were to be at least three feet apart, and were not to be in the same perpendicular line, lest the cluster hanging from the 'tabulatum' above should be injured by that below. Col. v 6, 11.

362-370. 'When the vine is quite young, leave it alone. When it begins to shoot out its branches, pluck off the superfluous leaves with the hand. When it has come to its strength, then, but not till then, use the knife.'

362. The pruning of the vine, 'putatio' or 'pampinatio.' There are three periods, 1, when you must leave the young vine entirely alone, 2, when you may pluck off the leaves but not use the knife, 3, when you may use the knife. 'Novis frondibus' is probably the ablative. Comp. Lucr. III 449, 'Inde ubi robustis adolevit viribus aetas.'

363. 'Parcendum teneris : ' the same precept is given by Theophr. (C. P. III 9) and Cato (XXXIII), but Col. (IV 11) condemns it. With the structure of the passage Forb. comp. A. VII 354 foll.

'Laetus' seems to qualify 'agit,' as if it had been 'laetum.' Comp. A. I 314, 439, II 388. 'While the vine-branch is pushing its way exultingly into the sky, launched into the void in full career.'

364. 'Agit,' used of growing upwards, as of growing downwards in the phrase 'radices agere.' Comp. vv. 291, 292.

'Laxis,' etc. : comp. Lucr. v 786, 'Arboribusque datum est variis exinde per auras Crescendi magnum immissis certamen habenis.'

'Per purum' occurs Hor. Od. I xxxiv 7, for a cloudless sky, like 'pura sub nocte,' E. IX 44. Used in this sense here, the word would be an unmeaning piece of picturesque. If we make it any thing more than a synonym for 'aether,' we must refer to the freedom of the empty

ipsa acie nondum falcis temptanda, sed uncis 365
 carpendae manibus frondes interque legendae :
 inde ubi iam validis amplexae stirpibus ulmos
 exierint, tunc stringe comas, tunc bracchia tonde ;
 ante reformidant ferrum ; tum denique dura
 exerce imperia, et ramos compesce fluentes. 370

Textendae saepes etiam et pecus omne tenendum,
 praecipue dum frons tenera imprudensque laborum ;
 cui super indignas hiemes solemque potentem

sky, like 'pura terra' a cleared soil, 'purus locus' ground not built on. Virg. has already stated it to be an object that the branches should expatiate, v. 287, 'in vacuum poterunt se extendere rami.' Comp. 'aëra per vacuum,' III 109 note. 'Immissus,' launched freely into the air. The word is evidently taken from 'immissis habenis' in Lucr., which is itself represented by 'laxis,' according to Virg.'s habit of hinting at one mode of expression while actually using another. [Compare Varro I xxxi 3 'vitis immittitur ad uvas parietandas ;' Cic. Sen. 53 'sarmenorum immissio.' Reid explains in all passages of letting loose the reins ; Keil says 'inmitti dicuntur quae non deciduntur sed ut crescant relinquuntur.'] 365. 'Ipsa,' sc. 'vitis,' as distinguished from the leaves. For the ellipse, comp. 'quaeque,' v. 270.

'Acie:' Med., Rom., Verona fragm. corr., Gud. ; Pal. and Med. corr. have 'acies.' The origin of the variant, which is older than Serv., is obvious. 'Temptanda' may perhaps imply a dangerous experiment.

366. 'Interlegendae,' picked out.

367. Med. late corr. and some other MSS. (none of Ribbeck's) have 'viribus' for 'stirpibus.'

368. 'Exierint,' shot up. Comp. v. 81, 'Exiit ad caelum.' Med. and Rom. have 'tunc' twice in this verse, and Rom. 'tunc' in the next : see v. 317 above.

369. 'Tum denique' here = 'tum demum : 'denique' answering to 'ante' here as to 'antea' in Cic. ad. Fam. IX 14, 'Tantum accessit ad eum amorem, ut mihi nunc denique amare videar, antea dilexisse.'

370. 'Then is the time to set up a strong government, and keep down the luxuriance of the boughs.' With the metaphor in 'imperia,' comp. I 99. There is much

the same feeling in Shakspeare, Richard II, Act III Sc. 4.

'Go thou, and like an executioner, Cut off the heads of too fast growing sprays,

That look too lofty in our commonwealth: All must be equal in our government.'

For 'fluentes' Rom. has 'valentis.'

371-397. 'Cattle should be kept from the vines when young. Buffaloes and roes are worse enemies than scorching heat or killing cold. Hence the goat has been from time immemorial sacrificed to Bacchus, both in Attica, at the Dionysia, and in our Italian vintage rejoicings.'

371. Serv. mentions that some put a comma before 'etiam,' some after it. Med. a m. pr. omitted 'et.'

'Tenendum,' here not 'shut in,' but 'shut out.' Comp. the double meaning of *εἰργεῖν* and 'arcere.' Rom. and another MS. have 'tuendum,' which has a different sense : see on v. 195. Some MSS. (none of Ribbeck's) add 'est,' which was the reading before Heins.

372. ['Praeterea' Nonius p. 486, for 'praecipue.' 'Frons:' Serv. quotes a 'vera et antiqua lectio, fronds ;' cp. Nonius p. 114, 486.—H. N.]

'Laborum,' trials. Comp. v. 343 above.

373. 'Super,' besides, not more than. The comparison comes in v. 376.

'Indignas:' Serv., E. x 10, quotes 'indignas turris' from Ennius in the sense of 'magnas.' If this is true, which without the context it may be unsafe to assume on the authority of Serv., the idea must be that of immoderateness, already noticed in the case of 'improbus.' It may here however be very well explained with reference to the tenderness of the young vine, and rendered 'cruel.'

'Hiemes' (plural) may mean either winters or winter weather, just as 'soles'

silvestres uri adsidue capreaeque sequaces
 inludunt, pascuntur oves avidaeque iuvencae. 375
 frigora nec tantum cana concreta pruina,
 aut gravis incumbens scopulis arentibus aestas,
 quantum illi nocuere greges, durique venenum
 dentis et admorso signata in stirpe cicatrix.
 non aliam ob culpam Baccho caper omnibus aris 380
 caeditur et veteres ineunt proscaenia ludi,
 praemiaque ingeniis pagos et compita circum

may mean either summers or sunny days. There is the same doubt in Hor. Od. III i 32.

'Solemque potentem.' comp. I 92, 'rapidae potentia solis.' We may render 'oppressive' or 'tyrannous.'

374. 'Uri:' the 'urus' was properly a wild animal mentioned by Caesar (B. G. VI 28) and Pliny (VIII 38) as a native of the Hercynian forest in Germany. Here and III 532 the name is applied to the buffaloes of Italy.

'Caprae' Pal., Verona fragm., Gud., and Rom. (which has 'caprae'). 'Caprae' Med., which Wagn. prefers, partly from a mistaken notion of its superior authority. He comp. E. II 64, 'Florentem cytisum sequitur lasciva capella.' But it seems more like Virg. to keep the goat, the arch-offender, to the last (v. 380), and then to indicate his crime rather than mention it plainly, at the same time that the description of his punishment and the attendant circumstances keeps him prominently before the reader's mind. See notes on III 237, E. VI 29. For the fondness of roes for vines, comp. Hor. S. II iv 43, 'Vinea summittit capreas non semper edulis.'

'Sequaces' means persecuting, at the same time that it seems to give a picture of the deer climbing even the rocks after the vine.

375. 'Inludunt,' disport themselves with it. 'Pascuntur,' etc.: the commentators repeat 'quam' from 'cui.' But the passage is probably parallel to vv. 207, 208 (note); the only difference is the absence of the conjunction here.

376. Comp. Lucr. III 20, 'nix acri concreta pruina.' Virg. in borrowing the expression has awkwardly changed 'nix' into 'frigora,' which can hardly be said to be congealed by frost. 'No cold that hoar frost ever congealed, no summer that ever smote heavily on the parching rocks, has been so fatal to it as the herds, and the

venom of their sharp tooth, and the wound impressed on the stem that they have gnawed to the quick.'

377. 'Scopulis:' the vineyards on the terraced rocks. So v. 522, 'Mitis in apricis coquitur vindemia saxis.'

378. 'Illi' seems to be dative after 'nocuere,' not nom. with 'greges.'

'Venenum dentis:' comp. v. 196, 'urentis culta capellas.'

379. 'Admorso' Serv. and Gud. Variants are 'admorsum' (Pal.), 'admorsu' (Rom.), 'amorso' (Med.), 'amorsu' (Med. corr.): Ribbeck reads 'ad morsum.' There can be no question that 'admorso' is right, the termination (as Heyne suggests) having probably been altered by copyists who found a difficulty in the gender.

'Stirps,' as used by Virg., is masc. in its literal, fem. in its transferred sense. [See Fest. p. 313, and Non. p. 226, who show that the ancient writers were not so strict.—H. N.]

380. For the custom, see Varro, R. R. I 2, and Ovid's translation of the well-known lines of Evenus, F. I 353. The reason assigned is probably fictitious, as appears from the fact that the goat, though it gnawed the olive, was especially forbidden to be offered to Pallas.

'Omnibus aris,' as we should say, universally.

381. 'Et' couples it clause with the verbal only, not with the adverbial part of the clause preceding.

'Proscaenia,' προσηκνιον, is the same as λογείον, or stage; σπηνή being the scene.

382. Heyne, to carry 'non aliam ob culpam' through the sentence and preserve the continuity, takes 'praemia' to be in apposition to 'caprum' understood. This is too artificial: the words 'veteres ineunt proscaenia ludi' intervene, and a digression is inevitable at v. 385. At the

Thesidae posuere, atque inter pocula laeti
 mollibus in pratis unctos saluere per utres.
 nec non Ausonii, Troia gens missa, coloni 385
 versibus incomptis ludunt risuque soluto,
 oraque corticibus sumunt horrenda cavatis,
 et te, Bacche, vocant per carmina laeta, tistique
 oscilla ex alta suspendunt mollia pinu.
 hinc omnis largo pubescit vinea fetu, 390

same time we may say that in 'praemia,' as in 'utres,' the goat is alluded to, though it is neither expressed nor understood grammatically.

'Ingeniis' Rom., schol. Bern.; Med., Pal., Gud. have 'ingentis'; Serv. and Philarg. mention both. Earlier edd. read 'ingentes' with 'Thesidae'; Ribbeck conj. 'in gentis.' 'Ingenia' may mean 'genius' or 'men of genius' or 'works of genius'; it is perhaps impossible to distinguish which of three equally applicable senses was meant by Virg. here.

'Pagos et compita,' the scene of the Paganalia and Compitalia, appears to be the Roman equivalent of κατ' ἀγρούς. Comp. Hor. Ep. I i 49, 'Quis circum pagos et circum compita pugna Magna coronari contemnat Olympia?' But it would be hazardous to presume that Virg. accurately distinguished the various Dionysiac festivals. 'Caper' seems to point to τραγῳδία, and 'pagos' to the common derivation of κωμῳδία from κώμη. It is possible, too, that the poet may confuse the two ancient accounts of the origin of τραγῳδία, that from the sacrifice of the goat and that from the custom of giving the goat as a prize.

383. 'Thesidae': the Athenians are called Θησεῖδαι by Soph. Oed. Col. 1067, and Θήσεως τῶκοι by Aesch. Eum. 462. Comp. also Eum. 1026. 'Inter pocula laeti,' in their drunken jollity. We need not press 'inter' so as to mean in the intervals of drinking. Persius has 'inter pocula' I 30, 'inter vina' III 100. 'In poculis' occurs Cic. de Sen. 14.

384. 'Unctos saluere per utres,' the ἀσπυλίσμος, or game of dancing on the oiled skin of the he-goat which had been sacrificed. ['Saliere' Med. corr. and Rom. —H. N.]

385. This and the following lines appear to refer to the 'Fescennina licentia' (Hor. Ep. II i 140) after the vintage, and not to the Liberalia at Rome on the 13th of

March, for which see Ov. F. III 713 foll. : but it is not easy to speak positively.

'Troia gens missa' is a foreshadowing of the Aeneid. It also intimates here that the Italian festivities were not borrowed from Greece. With the construction comp. 'Curibus parvis et paupere terra missus,' A. VI 811.

386. 'Versibus incomptis,' perhaps the 'horridus ille Saturnius numerus' of Horace, Ep. II i 157, which (was the) national metre of Italy before the introduction of the metres of Greece.

387. 'Corticibus cavatis' abl. of the material. The bark, being naturally curved, forms a hollow when stripped from the tree. 'Os' for the mask, like πρόσωπον.

388. 'Per carmina laeta' may be either 'in the course of glad hymns,' or 'invoke you by glad hymns.'

389. 'Oscilla' were small figures or masks of Bacchus or other appropriate deity, which were hung on trees that they might turn with the wind to spread fertility every way. See Dict. Ant. (ed. 3) 'oscillum,' where representations are given from ancient art [and the origin of the practice is discussed by Mr. Marandin].

'Mollia' [probably means made of wax (Ladewig) or of wool, the materials most used for 'oscilla.' Con. referred the word to the 'beautiful mild and propitious expression of the god's face,' but this expression cannot be detected on extant 'oscilla' (see Dict. Ant. I. c.), while the epithet can scarcely refer only to Bacchus, and there is the further objection that 'mollis' hardly = beautiful.]

390. 'Pubescit': comp. Theocr. V 109, Μη μεν λωβάσθητε τὰς ἀμπέλους ἐν τῷ γὰρ ἄβαι. This and the two following lines might seem to point to a festival before the vintage. But they more naturally mean that the honours paid to Bacchus in a thanksgiving festival ensure a large yield for the ensuing year.

complentur vallesque cavae saltusque profundi,
 et quocumque deus circum caput egit honestum.
 ergo rite suum Baccho dicemus honorem
 carminibus patriis lancesque et liba feremus,
 et ductus cornu stabit sacer hircus ad aram, 395
 pinguiaque in veribus torrebimus exta columnis.

Est etiam ille labor curandis vitibus alter,
 cui numquam exhausti satis est : namque omne quodannis
 terque quaterque solum scindendum, glæbaque versis

391. 'Complentur,' teem. Lucretius uses the word of the conception of women. There seems no sufficient reason to restrict the description in this line to vineyards, though such a restriction would accord with vv. 4 foll., which are somewhat parallel.

['Profundi,' deep. Munro compares *Lucr. v 41* 'per nemora ac magno montes silvasque profundas,' and adds that 'saltus' are the lawns and long defiles sloping from the hills to the plains. 'Silvae profundae' recurs *A. vii 515*; 'caelum profundum' in *E. iv 51* seems different.]

392. 'Honestum,' comely. [See *IV 232*; *A. x 133*; *xii 155*; *Varro R. R. ii vi 2*, etc.] The look of Bacchus fertilizes the country, as that of Jupiter (*A. i 255*) calms the sky.

393. 'Honorem,' a hymn, as *A. i 49*, 'aris imponit honorem,' a sacrifice.

394. 'Patriis,' to show that the Roman worship of Bacchus was time-honoured as well as the Greek : comp. v. 385, 'Troia gens missa.' It may also imply the use of the national metre (v. 386).

'Lances' probably for the 'exta,' as in v. 194. Others suppose a hendiadys, 'liba in lancibus.' 'Liba:' *Ov. F. iii 761*, 'Melle pater (Bacchus) fruitur : liboque infusa calenti Iure repertori candida mella damus.' This however is said of the Liberalia.

395. 'Ductus,' implying that the animal was led, not dragged, which was unlucky, and 'stabit' (comp. 'statuo,' 'constituo') are words appropriate to sacrifice. We need not suppose with many commentators that their use here necessarily denotes that the offering would be propitious. 'Sacer,' devoted.

396. 'Columnis:' *Serv.* says that hazel spits were used because the hazel was injurious to the vine. Comp. v. 299.

397-419. 'The dressing of the vine

is an interminable labour: the ground has constantly to be broken up: when the leaves are shed, pruning begins: fastenings have to be provided. When pruning and tying up are over, you have still to use the hoe, and still (v. 419) live in dread of storms.'

397. 'Curandis,' dressing. The word is used by *Cato, R. R. xxxiii*, for all the operations subsequent to planting. 'Alter' must refer to what has just gone before, 'Texendae saepes etiam,' etc. With the first words of the line comp. *iii 425*.

398. 'Exhausti' = 'exhaustionis' (*Serv.*): the participle is construed like a substantive. Comp. such usages as 'Prius quam incipias consulto; et ubi consulueris mature factu opus est,' *Sall. Cat. i*. In prose we might have had 'cuius numquam satis exhaustum est.' Here, apparently for the sake of poetic variation, the participle, instead of being predicate, is made genitive, while the labour is in a manner personified and made the exacting power. 'Which is never satisfied by exhaustion.' Comp. *A. ix 356*, 'Poenarum exhaustum satis est,' where however the resemblance is merely external.

'Namque' has here much of the force of 'nempe,' resembling, as *Wund.* remarks, the use of γάρ is such passages as *Thuc. i 3*, *ἤγλοι δὲ μοι καὶ τόδε . . . πρὸ γὰρ κ.τ.λ.*, but it also justifies 'cui numquam exhausti satis est.' ['Exhaustis' *Med. 'Quodannis' Pal., Rom.*, and so formerly *Ribbeck.—H. N.*]

399. It seems doubtful whether both these clauses are to be understood of the 'bidens,' of which the prongs are used to loosen the ground, the back, 'versis,' to break the clods so turned up, or whether a distinction is intended between ploughing and hoeing, the former of which processes is to be frequently repeated, the latter never intermitted. Supposing this

aeternum frangenda bidentibus; omne levandum 400
 fronde nemus. rediv agricolis labor actus in orbem,
 atque in se sua per vestigia volvitur annus.
 ac iam olim seras posuit cum vinea frondes
 frigidus et silvis aquilo decussit honorem,
 iam tum acer curas venientem extendit in annum 405
 rusticus et curvo Saturni dente relictam
 persequitur vitem attondens fingitque putando.
 primus humum fodito, primus devecta cremato

distinction to be meant, Virg. will be speaking of the two kinds of vineyards, calculated respectively for ploughing and digging: see on v. 355.

'Scindere' is commonly used of the plough, I 50, III 160. Col. IV 4 says that the number of times the soil ought to be loosened cannot be defined—the more the better.

401. 'Nemus' like 'silvis,' v. 404, and perhaps 'umbra,' v. 410, seem to be used of the supporting trees in the 'arbustum,' as in v. 308 above. 'Labor actus' may be taken with Heyne and others of past labour, the same tasks recurring yearly; or 'actus' may be connected with 'in orbem,' moving in a ring. In vv. 516 foll. we have the other side of the picture, the constant succession of the fruits of the husbandman's toil.

402. 'Atque:' even as. The copulative is employed here in the place of a conjunction denoting a more special relation. This use is commonest where the relation intended is that of time [II 80 note]. Comp. the use of 'atque' in comparisons, and in such expressions as 'simul atque.'

'Volvitur:' Varius had said of the world 'sua se volventis in vestigia' (fab. inc. I, Ribbeck).

403. ['Olim cum' = 'illo tempore cum,' used by Plaut. Lucr. etc. Comp. e.g. Trin. II iv 122 'primum omnium, olim terra quom proscinditur, In quinto quoque sulco moriuntur boves;'] Lucr. VI 148; A. VIII 391, G. III 303; 'olim' is usually explained as having here its etymological meaning, 'then, (when).' Con., who hesitated about this line, objects that the phrase 'appears to be commonly used for indefinite, not for definite occurrences,' which is true, but the present passage is just what he means by an indefinite occurrence; comp. the passage from the Trin.]

404. This line is borrowed from Varro Atacinus, according to Serv. Horace has the same phrase, perhaps from the same source, Epod. XI 6, 'December silvis honorem decutit.'

405. Med. has 'extendet.'

406. 'Rusticus:' Rom. has 'agricola.' 'Curvo Saturni dente:' Saturn was regularly represented with a pruning-knife. Juv. XIII 39 (see Mayor's note) represents him as assuming it after his expulsion from his throne. 'Dens' is used of any curved implement (v. 423).

'Relictam' may be either 'stripped of its foliage' (for which however it is difficult to find an exact parallel), or, as Serv. takes it, the vine which he has left, in other words 'he returns to the vine.'

407. 'Persequitur' like 'insectabere' of exterminating weeds, I 155, 'insequitur' of following up sowing by levelling the soil, ib. 105. It is conceivable however that Virg. may have wished to imitate the Greek use of *διὰ τὴν* with a participle.

'Fingit:' comp. A. VI 80, 'fingitque premendo,' moulds it to his will. The word is specially used of clay moulded by the potter. Comp. Pers. III 24, 'Nunc, nunc properandus et acri Fingendus sine fine rota,' and the word 'figulus.'

'Putando:' Col. (IV 4) includes under this term the 'ablaqueatio,' which consisted in laying open the roots and cutting away all suckers springing from them within a foot and a half of the surface. Cerda however understands 'attondens' here of 'ablaqueatio.'

408. Digging was constantly to go on, so that he that began first would do best: carting away and burning the branches is an occupation which suits no one time more than another, and the sooner it is done the better; the vine-poles, if allowed to remain out, would suffer from the

sarmenta et vallos primus sub tecta referto ;
 postremus metito. bis vitibus ingruit umbra ; 410
 bis segetem densis obducunt sentibus herbae ;
 durus uterque labor : laudato ingentia rura,
 exiguum colito. nec non etiam aspera rusci
 vimina per silvam et ripis fluvialis harundo
 caeditur incultique exercet cura salicti. 415
 iam vinctae vites, iam falcem arbusta reponunt,

weather. Taubm. quotes Cato v, who lays down as a general rule 'Opera omnia mature conficias face: nam res rustica sic est: si unam rem sero feceris, opera omnia sero feceris.' On the other hand, the more thoroughly ripe the grapes, as Keightley says, the better the wine.

409. 'Sarmenta,' prunings of the vine. Festus p. 322 derives the word from an ancient verb 'sarpo,' to prune; [and the der. is generally accepted.] In a secondary sense it is used simply for the branches of the vine. 'Devecta,' as in v. 207.

'Vallos,' the vine-poles. Varro, R. R. I 8, 'Ibi dominus simul ac vidit occipitium vindemiatoris furcillas reducit hibernatum in tecta, ut sine sumptu earum opera altero anno uti possit.' It would seem at first sight that 'vallos' must refer to espalier vines. But comp. vv. 358-361, where 'sudes' is convertible with 'vallos.'

410. 'Metito,' of vines, like 'seges,' 'serere,' 'semina,' Heyne. Comp. IV 231, where 'messis' is used of collecting honey. 'Bis:' in spring and autumn.

'Umbra' may refer to the shade of the elm or other supporting tree. Col. IV 27 however uses 'umbras compescere,' speaking of the foliage of the vine.

411. 'Segetem,' the vineyard, or the vines; 'obducunt' favours the former.

'Herbae' must be used in a wide sense, as in Cic. De Div. I 34, 'Herbae asperae et agrestes.' The weeding ('runcatio') appears to have taken place at the same time as the pruning. Pal. has 'inducunt.'

412. 'Uterque labor:' not the double labour in spring and autumn, but the double labour of 'pampinatio' and 'runcatio.'

'Laudato . . . colito:' the form of the expression is evidently taken from Hes. Works 643, Νῆ δλιγην αινειν, μεγάλη δ' ἰνι φορτια θεσθαι, where it is not easy to see the point of the epigram. Here the point is obvious, the larger estate being

prima facie the best, and large estates being only too common in Italy (Pliny XVIII 35). 'Laudato' does not itself mean 'reicito;' if it did, there would be no force in the antithesis. Still the same feeling is at the root of this use of the word and that of *πραινειν* for to decline, the feeling, namely, which appears in our use of the word 'compliment.' The connexion here is that, as the work is exacting, a small estate is better than a large one. [Serv. says the same precept was given by Cato to his son.—H. N.] Col. I 3, §§ 8 foll., after quoting these words of Virg., says, 'Quippe acutissimam gentem Poenos dixisse convenit, imbecillioerum agrum quam agricolam esse debere, quoniam, cum sit colluctandum cum eo, si fundus praevaleat, adlidi dominum. Nec dubium quin minus reddat laxus ager non recte cultus, quam angustus eximie.' He speaks of the old Roman feeling against dividing conquered lands among a few, 'nec magis quia superbum videbatur tantum loci detinere, quam quia flagitiosum, quos hostis profugiendo desolasset agros, novo more civem Romanum supra vires patrimonii possidendodeserere;' and contrasts the modern practice, 'praepotentium, qui possident finis gentium, quos ne circumire equis quidem valent, sed proculcandos pecudibus, et vastandos ac populandos feris derelinquunt, aut occupatos nexu civium et ergastulis tenent.'

413. 'Rusci,' butchers' broom. Butchers' broom, reeds, and willows are to be cut for tying up the vine.

415. 'Salicti:' comp. I 265, 'Aut Amerina parat lentae retinacula viti.' 'Inculti' would seem to show that the 'cura' can be only that of cutting them: but they also required pruning, Pliny XVII 142.

416. 'Reponunt' = 'reponi sinunt.' The language passes from precept to the liveliness of narrative. ['Victae' Pal. and originally Med.—H. N.]

iam canit effectos extremus vinitor antes :
sollicitanda tamen tellus pulvisque movendus,
et iam maturis metuendus Iuppiter uvis.

Contra non ulla est oleis cultura ; neque illae 420
procurvam expectant falcem rastrosque tenaces,
cum semel haeserunt arvis aurasque tulerunt ;
ipsa satis tellus, cum dente recluditur unco,
sufficit umorem et gravidas cum vomere fruges ;

417. This is the reading of Med. (first readings), Rom., Pal., Gud., and Nonius p. 30, restored by Wagn. Heyne, with all the edd. after the Aldine, gives 'extremos effectus.' [Serv. reads 'effectus extremos,' and observes 'melius est effectus legere quam effectos, ut quidam legunt.'—H. N. Med. late corr. has also 'effectus.']

['Antes,' properly projections (from 'an-' before), here = 'extremi ordines.' The word is explained by Verrius Flaccus (Fest. p. 16 M.) as = 'extremi ordines vinearum,' the last or furthest rows of the vines ; Serv. gives this explanation, as well as another, found also in Nonius p. 25 and Philarg. here, according to which 'antes' means the walls of the vineyard, or more properly the stones projecting at the corners of the walls. The Berne scholia mention all these views. Philarg. quotes from Cato De Re Militari 'pedites quattuor agminibus, equites duobus antibus duces,' in two lines.—H. N. See Contributions to Latin Lexicography, p. 226.]

'Effectos,' completed. So Quint. x 5 opposes 'materia effecta' to 'incohata.' The rows are said to be completed because the vine-dresser has been through all and done what is necessary for each. 'Extremus,' the last. Comp. v. 410, 'Postremus metito.' The vine-dresser sings like the 'frondator,' E. 1 56.

418. 'Tamen : 'after all this work you will still have to stir the ground,' etc. The 'pulveratio' appears to have been a distinct process founded on the belief that dust was beneficial to vines. Palladius (111 7) says that the process requires repeating at the beginning of every month from March till October. Pliny (xvii 189) says, 'Fossione pulverem excitatum contra soles nebulasque prodesse.' Comp. also Col. Arb. 82. This notion may be referred to in the next line, as 'metuendus'

of course implies that precautions must be taken.

419. It may be doubted whether 'metuendus uvis' here, like 'apibus metuenda' IV 37, means 'an object of terror to the grapes,' or 'an object of terror [to the vine-dresser] for the grapes.'

420-425. 'Olives on the contrary want no tending, when once fairly started. Plough the ground, and it will do all for them.'

420. 'Non ulla' is a rhetorical exaggeration. They do not need the same constant attention as the vine. Rom. and some others have 'non nulla,' an obvious error, though mentioned by Serv.

421. 'Tenacis,' tearing up the ground, like the 'bidens.'

422. 'Haeserunt arvis : 'when they have once taken hold of the ground : i.e. after having been transplanted from the 'seminarium,' Heyne.

'Aurasque tulerunt : 'so 'contemnere ventos,' v. 360. Comp. also vv. 332-335. The meaning here is, when they are strong enough to weather the breezes.

423. 'Satis,' the dat. of 'sata,' put for olives, as for vines above, v. 350. There seems no ground for distinguishing 'dente unco' and 'vomere.' 'Dens' may stand for 'vomer,' as we have 'vomeris dentem,' I 262. Comp. 'dentale.'

424. 'Cum vomere : 'cum' seems here to express close connexion not so much of time as of causation, a sense which may be illustrated by the opposite 'sine.' We might say, 'as sure as the ploughshare is put in the ground.' [So Urbanus ap. Serv. 'statim post arationem.'—H. N.] Voss and Ribbeck read 'quum vomere,' sc. 'recluditur,' making an antithesis between 'dente unco,' which they interpret 'bidente,' and 'vomere.' But this is very flat, and no opposition can be imagined between 'umorem' and 'gravidas fruges.' Col. (v 9, § 12) however recommends the

hoc pinguem et placitam Paci nutritor olivam. 425

Poma quoque, ut primum truncos sensere valentis
 et vires habuere suas, ad sidera raptim
 vi propria nituntur opisque haut indiga nostrae.
 nec minus interea fetu nemus omne gravescit,
 sanguineisque inculta rubent aviaria bacis: 430
 tondentur cytisi, taedas silva alta ministrat,
 pascunturque ignes nocturni et lumina fundunt:
 et dubitant homines serere atque impendere curam?

use of the plough and of the 'bidens.' In the same chapter he gives a precept (§ 15), 'Nam veteris proverbii meminisse conuenit; eum, qui aret olivetum, rogare fructum; qui stercoret, exorare; qui caedat (putet) cogere.'

425. 'Hoc' is generally taken 'on this account,' like $\tau\omega$ in Hom., a usage found in Lucr. and Hor. [See Munro on Lucr. III 531, IV 553, and v. 312 above.] I prefer understanding it with Benson and Martyn, 'by this,' sc. 'arando,' 'with this and this only,' 'this will be enough,' especially as 'pinguem et placitam Paci' seem to express the effect of 'nutritor' ('nutritor ut pinguis sit,' etc. E. VI 4 note). 'Do this, and rear the olive to the fatness which makes it Peace's darling.'

'Nutritor:' [the deponent form is quoted by Nonius, p. 478, from Lucilius: comp. Priscian VIII p. 798, P., Quintil. I iv 28. Med. and Pal. have 'nutritur,' a variant recognized by the Berne scholia.—H. N. Neue-Wagener Formenlehre II p. 67.]

426-428. 'Fruit trees too, when they have got their strength, take care of themselves.'

426. The metaphor seems to be from an adult man feeling his limbs strong under him. It is carried on through the rest of the sentence.

427. 'Raptim' = 'rapide.' See on I 409. With the sense comp. vv. 80 foll.

428. 'Que' couples the adverbial substantive with the adverbial adjective. Comp. A. VI 640, 'Largior hic campos aether et lumine vestit Purpureo.' 'Que' is omitted by Rom.

429-457. 'Forest trees, small as well as great, have their uses; men may well take heart and cultivate them. Nay, they are even worthier than the vine, which may be a curse as well as a blessing.'

429. 'Nec minus:' equally with the trees that have been named.

'Interea,' while man is occupied with other things; so in the next line 'inculta' is emphatic. There seems to be no reference to the 'arbutum' in 'nemus,' as we might be tempted to suppose from vv. 308, 323, 401. The word appears to be used generally of the trees of the forest in their natural uncultivated state, as man is afterwards recommended to give them the benefit of culture.

'Fetu . . . gravescit:' Lucr. I 253, 'crescunt ipsae fetuque gravantur.'

430. 'Aviaria,' properly an artificial place for tame birds, here the woods. Comp. Lucr. I 18, 'Frondiferasque domos avium' for 'silvas.'

'Sanguineis:' such as the elder, E. x 27, etc.

431. 'Tondentur,' form food for cattle. 'Tondent dumeta iuuenti,' I 15. For the fact comp. E. I 79.

'Taedas,' torches of pine-wood, so that 'alta' is appropriate.

432. 'Pascunturque ignes nocturni et lumina fundunt' is a poetical amplification of 'taedas ministrat.' It may be questioned whether 'ignes' means torchlights or fires. 'Nocturni' and 'lumina' may seem to point to the former; but the parallel, 'Urit odoratam nocturna in lumina cedrum,' A. VII 13, apparently refers to hies, as is shown by their original Od. v 59. At the same time the custom of kindling fires for the sake of light by night (Il. IX 467 foll.) belongs rather to the heroic age than to Virg.'s day. Comp. I 291.

433. This line is wanting in Med., and is omitted by Ribbeck. Its meaning seems to be: when nature offers so much to the planter and cultivator, can man hesitate to plant and cultivate? Heyne justly says, 'Sententia versum absolvens facile excidere potuit. Versus per se est praeclarus.' With the structure comp. A. I 48, VI 807.

quid maiora sequar? salices humilesque genetae,
aut illae pecori frondem aut pastoribus umbras 435
sufficiunt, saepemque satis et pabula melli.
et iuvat undantem buxo spectare Cytorum
Naryciaeque picis lucos, iuvat arva videre
non rastris, hominum non ulli obnoxia curae.
ipsae Caucasio steriles in vertice silvae, 440
quas animosi Euri adsidue franguntque feruntque,
dant alios aliae fetus, dant utile lignum
navigiis pinos, domibus cedrumque cupressosque;
hinc radios trivere rotis, hinc tympana plaustris

434. 'Quid maiora sequar?' Wagn. contends that the conjunctive in direct interrogations cannot refer to a thing which the speaker has already begun to do; in such cases (he says) the indicative is used, as A. II 101, 'Sed quid ego haec autem nequiquam ingrata revolvo?' If this be true, we must either understand by 'maiora' greater things than have been mentioned already, or suppose that 'sequar' denotes a more detailed enumeration than has been given in vv. 431, 432, 'maiora' being used in contradistinction to the smaller trees which follow.

435. 'Aut illae:' Serv. says that many in his time read 'tiliae.' For the pleonastic use of the pronoun comp. e.g. A. VI 593, Hor. Od. IV ix 51.

'Pastoribus umbras,' E. II 8 note. Med. originally and Pal. have 'umbram.'

436. 'Satis,' probably including plantations. 'Saepemque satis et pabula melli:' comp. E. I 53, 54, 'Hinc tibi quae semper vicino ab limite saepes Hyblaeis apibus florem depasta salicti.'

'Pabula melli' [for 'pabula apibus.'—H. N.].

437. Virg. continues to enumerate the uses of forest trees, but adopts a different mode of expression, as if he were not thinking of the products yielded by box or pitch trees, but of the mere pleasure of looking at them as they flourish in their most congenial spots, and reflecting that nature does all this unaided, so that art may help to do more.

Cerda quotes from Eustathius a saying *πύλον εἰς Κύρωπον ἤγαγε*, one of the many equivalents of 'carrying coals to Newcastle.' Catull. IV 13, 'Cytore buxifer.'

438. 'Naryciae,' Locrian, i.e. Bruttian. Narycus, Naryx, or Narycium, was a town

of Opuntian Locris, the mother country of the Italian Locri. Serv. compares A. III 399, 'Illic Narycii posuerunt moenia Locri.' Bruttian pitch is mentioned by Pliny XIV 127, and by a Schol. on this passage quoted by Heins. on Ov. Rem. 264.

'Picis,' i.e. 'piceae.' The tree is identified by Keightley with the firs from the description of Pliny XVI 40.

440. 'Caucasio in vertice' gives the picture of wildness. Strabo (XI p. 497) speaks of Caucasus as covered with woods. [Caucaseo' Pal. Gud., 'Caucasio' Med. Rom.—H. N.]

'Steriles' opp. to 'frugiferae.' Comp. v. 79.

441. 'The wildest woods in the region of storms.' 'Animosi Euri:' it is not easy to say how far this use of 'animosus' is metaphorical. Comp. Ov. Amor. I vi 51, 'impulsa est animoso ianua vento;' Stat. Theb. IX 459, 'animosaque surgit Tempestas;' VII 87, 'pontumque iacentem Exanimis iam volvit hiemps.'

'Franguntque feruntque:' an analogous expression to 'agere et ferre.' For 'ferre' in the same sense without 'agere' comp. A. II 374, 'Alii rapiunt incensa feruntque Pergama.'

442. 'Fetus,' products. The word is probably antithetic to 'steriles.' Connect 'utile navigiis.' Vitruvius recommends the cedar and cypress for their durability, saying that the bitterness of their sap is antiseptic, II 9, VII 3.

443. [Rom. has 'pinus' and 'cupressos.'—H. N.]

444. 'Trivere' = 'tornavere.' Serv. comp. Pliny XXXVI 193, '[Vitrum] aliud flatu figuratur, aliud torno teritur;' [comp. also Lucr. IV 361.] The tense

agricolae, et pandas ratibus posuere carinas; 445
 viminibus salices fecundae, frondibus ulmi,
 at myrtus validis hastilibus et bona bello
 cornus; Ituraeos taxi torquentur in arcus;
 nec tiliae leves aut torno rasile buxum
 non formam accipiunt ferroque cavantur acuto; 450
 nec non et torrentem undam levis innatat alnus,
 missa Pado; nec non et apes examina condunt
 corticibusque cavis vitiosaeque ilicis alvo.

gives something of an historical character to the passage, which consequently rises in poetical dignity. So in vv. 454 foll. the effects of the vine are spoken of in the past tense, and a tale of legendary antiquity glanced at.

'Tympana:' wheels either of solid wood or boards shaped like a drum.

'Hinc' in both places refers to, 'silvae' generally, not to different kinds of wood, 'from this tree—from that.'

445. ['Pandas' is rightly explained by Serv. as 'incurvas,' giving the shape of the hull ('carina'). The epithet is from Enn. A. 560, 'carbasus alta vocat pandam ductura carinam;' cp. Ovid Am. I xi 24. See I 360 note; Wölflin's Archiv i 334; iii 124; Nettleship Contrib. to Latin Lex. p. 404.]

'Posuere,' ἵθηναι. Virg. expresses himself as if the farmer built ships, meaning no more than that the trees which the farmer is encouraged to plant and cultivate are turned to that use.

446. 'Viminibus,' 'frondibus,' the abl., not the dat. Each are actual products of the trees, not things made from their products. So, in the next line, 'hastilibus' are not the actual spear-shafts, but the shoots as they grow on the tree. Comp. A. III 23, 'quo cornea summo Virgulta et densis hastilibus horrida myrtus.' 'Frondibus:' comp. Cato VI, 'Ulmos serito . . . uti frondem ovibus et bubus habeas.'

[The punctuation adopted in the text is that of Med.]; Serv. speaks of another, 'Viminibus salices, fecundae frondibus ulmi,' which Heyne and Ribbeck prefer; but the present pointing is simpler, and not less rhythmical. Comp. I 453, 'Caeruleus pluviam denuntiat, igneus Euros,' where the same doubt might be raised.

447. The construction is 'myrtus et bona bello cornus fecundae validis hastilibus.' So in I 58 the verb is carried on

from one part of a sentence to the other, though they are separated by 'at.' 'Bona bello' occurs at the end of a line in Lucilius [ap. Non. p. 462, who also quotes this verse of Virg.]

448. 'Ituraeos' is a literary epithet. See Cic. Phil. II 44, 'Cur homines omnium gentium maxime barbaros Ituraeos cum sagittis deducis in forum?' [and Bell. Afric. 20. A 'cohors Ituraeorum sagittariorum' appears among the 'auxilia' of the first century A.D.]

449. 'Tiliae leves:' in I 173 it is 'Caeditur et tilia ante iugo levis.' 'Torno rasile' to be combined as one epithet, like 'bona bello.' The epithets seem proleptic.

450. 'Ferro acuto,' sc. 'torno,' Keightley.

451. 'Innatat' with an accus. as 'natat' III 259. 'Torrentem undam,' sc. 'Padi.' Pliny (III 117) says of the Po that it is 'agris quam navigiis torrentior.' 'Alnus,' I 136, note.

452. 'Missa:' sped down the Po. The expression is appropriate to a swift river, such as Virg., rightly or wrongly (IV 373), supposed the Po to be. 'Pado,' abl., as in the common phrase, 'flumine subvehere,' [or dative, = 'in Padum.'—H. N.]

453. The context shows that Virg. is thinking of the availability of certain trees for artificial beehives. But he has chosen to speak as if he were referring to natural hives, doubtless intimating that nature suggested the thought to man. There is still a question whether he means 'the bees hive naturally in hollow trees [and thus suggest the formation of beehives],' or understands by 'condunt' 'are hived by the bee-master.' The latter is more likely, as two kinds of hives appear to be spoken of, those of bark (see IV 33) and those made from hollow trees, and of these only the second can well be natural. The

quid memorandum aequae Baccheia dona tulerunt?
 Bacchus et ad culpam causas dedit: ille furentis 455
 Centauros leto domuit, Rhoetumque Pholumque
 et magno Hylaeum Lapithis cratere minantem.

O fortunatos nimium, sua si bona norint,
 agricolas, quibus ipsa, procul discordibus armis,
 fundit humo facilem victum iustissima tellus! 460

'ilex' and the 'suber' are classed together by Pliny, xv 34, who says that the latter was called by some 'ilex femina,' and was generally used in default of the former. 'Corticibus' seems to point more particularly to the 'suber,' the bark of which was called 'cortex' *par excellence*, as in Greek *φελλός, φλοιός*. And so Col. ix 6 recommends bark, after Varro, for beehives, if the country is 'ferax suberis.' Construing 'corticibus' with 'ilicis,' we may suppose the 'ilex' to include the 'suber.' For beehives made from hollow trees, see Col. l. c.

'Alvo:' so all MSS., except Rom. 'alveo; '[the Berne scholia explain it as 'antro.' See iv 34 and Keil quoted there.] The word is used for 'alvare' by Varro iii xvi 8 and Col. ix.

454. Virg. sets out to show that the wild trees have their merits as well as the vine, and at last is carried away into showing that they are better than the vine. 'Baccheia,' *Βακχία*.

[For 'aeque' Serv. mentions a variant 'et quae,' i.e. 'quid memorandum est quae Bacchi dona tulerunt.' This reading is not quoted by Ribbeck from any MS.—H. N.]

455. Comp. Od. XXI 295, *Οίνος και Κένταυρον, άγακλυτόν Εύρυτιώνα, Άασ' ένι μεγάρω μεγαθύμω Πειριθόωιο*.

'Furentis' seems to express the agency of Bacchus as well as 'domuit,' the drunken passions of the Centaurs having led them to give the provocation which was so fiercely resented.

456. 'Leto domuit:' comp. *κηρι δαμείς*.

For the Centaurs and Lapithae see Ov. M. xii 210, where Rhoetus and Pholus are not killed but put to flight.

'Rhoetus' is said to be the usual spelling, at least in the MSS. of Latin authors, not 'Rhoecus,' if indeed Rhoecus is not the name of the giant as distinguished from the centaur. Bentley on Hor. Od. ii xix 23 inclines to 'Rhoetus' as the name of both.

457. 'Cratere' keeps up the notion of a Bacchanalian fray. For the size of the 'crater' comp. A. ix 346, where another Rhoetus lurks behind one. The vivid image in this line may have been suggested by sculpture.

458-474. 'How happy the husbandman's life of ease and plenty! He has not power or luxury, but he has peace, simplicity and the charms of nature about him. He is one of a hardy race which still keep the traditions of ancient piety and justice.'

458. 'Fortunatos nimium,' like 'nimium felix,' A. iv 657. 'Happy beyond human happiness.'

459. 'Discordibus armis' can hardly refer specially to civil war, as Keightley thinks, because the sufferings of the Italian husbandmen from civil wars are elsewhere dwelt on by Virg. i 506 foll., E. i 67 foll. He is speaking generally, and his own words below, vv. 495 foll., 503 foll., furnish a comment on his meaning.

460. For 'fundit' we might expect 'fundat;' but the clause is not intended to give a reason for the farmer's happiness, but to describe him, 'quibus—tellus' being part of the subject of the sentence as well as 'agricolae.' Had 'agricolae' been omitted, this would have been evident at once: comp. vv. 490, 493 below. It seems right therefore to include the relative clause in the exclamation, by removing the (!) to the end of this line.

'Tellus' is personified, and 'humo' is 'from her soil.' 'Fundit' and 'facilem' both seem to mark plenty without trouble, husbandry being natural and assisted by nature, as contrasted with the pursuits of artificial life. The tone of the present passage is opposite to that which prevails generally in the Georgics, where the laborious side of the farmer's life is dwelt on.

'Iustissima,' not because she repays labour, but because she gives man all he really needs. Comp. Philem. 406 (Mei-

si non ingentem foribus domus alta superbis
 mane salutantum totis vomit aedibus undam,
 nec varios inhiant pulchra testudine postis
 inlusasque auro vestes Ephyreiaque aera,
 alba neque Assyrio fucatur lana veneno,
 nec casia liquidi corrumpitur usus olivi :
 at secura quies et nescia fallere vita,
 dives opum variarum, at latis otia fundis,
 speluncae vivique lacus, at frigida Tempe

465

neke), *Δικαιότατον κτήν ἴσθιν ἀνθρώποις ἀγρός, Ὀνή φύσις δέεται γὰρ ἐπιμελῶς φέρεϊ.*

461. An imitation of Lucr. II 24-36, 'Si non aurea sunt iuvenum simulacra per aedes,' etc. Connect 'foribus domus alta superbis,' not 'vomit foribus.'

462. 'Mane': these levees were held from six till eight in the morning. Catiline's associates intended to go to Cicero's levee, 'ea nocte paullo post,' Sall. Cat. XXVIII. So later, Martial IV viii 1, Juv. v 22.

'Totis vomit aedibus,' pours from the whole palace' (not 'lets in over the whole palace'). This is more picturesque and suits the metaphor better. The late word 'vomitoria,' denoting entrances to the seats in the amphitheatre from the surrounding gallery, is explained by Macrob. Sat. VI 4, because 'homines glomeratim ingredienti in sedilia se fundunt.'

463. 'Inhiant' is used of a man gloat-ing over his property by Hor. S. I i 71, and Sen. H. F. 167, the latter of whom clearly has an eye to this passage. It is possible however to refer 'inhiant' not to the owner but to others: 'nor do men gaze at their inlaid doorposts'—'nor have they inlaid doorposts for men to gaze on.' Connect 'varios pulchra testudine.'

464. 'Inlusas' (Med. corr., Servius), fancifully wrought. This use of the word appears unique, except for imitations in Prudentius and Avienus. 'Inclusas' (Med. originally, Pal., Rom., and the Berne scholia) is condemned by Servius, but was formerly read by Ribbeck: compare for it Lucr. IV 1126, A. XII 211.

465. 'Assyrio,' loosely for Phoenician or Tyrian: comp. E. IV 25.

Neither 'fucatur' nor 'veneno' necessarily expresses contempt. Comp. Hor. Ep. I x 27, 'Aquinatem potentia vellera fucum,' and Gaius, Dig. L xvi 236, 'qui venenum dicit adicere debet, malum an

bonum sit: nam et medicamenta venena sunt.' But here the tone of the passage and 'corrumpitur' show that both words are used in a disparaging sense, which may extend to 'inlusas' and 'inhiant,' and perhaps even to 'vomit.'

466. 'Casia,' not the Italian shrub of v. 213, E. II 49, but the bark of an eastern aromatic tree which grows to the height of twenty-five feet. Keightley.

'Usus olivi:' the oil in respect to its use. So Hor. Od. III i 42, 'Nec purpurarum sidere clarior Delinit usus.' Perhaps we may render 'Nor is their clear oil's service spoiled by the bark of casia.' [Serv. well says, 'oleum generalem usum habet, quod cum in unguentum fuerit corruptum, uni rei tantum aptum esse incipit.'—H. N.]

467. 'Nescia fallere:' it does not seem possible to separate the thought contained in these words from that of 'dives opum variarum.' But two interpretations are compatible with this connexion. We may render (1) 'free from chance and change' (comp. Hor. Epod. XVI 45, 'Germinat et nunquam fallentis termes olivae'), or (2) 'that needs no knavish arts,' because it gives every thing freely, a thought which would agree with 'Fundit humo facilem victum iustissima tellus' in v. 460.

Pal. and Rom. give 'vitam.'

468. 'Latis,' opposed to the confinement of the city: there is no allusion to 'latifundia.' 'The liberty of broad domains.' [Lucr. v 1389, 'per loca pastorum deserta atque otia dia.'—H. N.]

469. 'Vivi lacus,' natural, opposed to artificial reservoirs. 'Tempe,' for any valley like Tempe. Cic. Att. IV 15, 'Reatini me ad sua τήμη duxerunt.'

'At': Med., Gud. originally, etc., have 'et,' which is adopted by Ribbeck, and is very plausible, 'speluncae—somni' being then naturally taken as a development of 'latis otia fundis.'

mugitusque boum mollesque sub arbore somni 470
 non absunt ; illic saltus ac lustra ferarum,
 et patiens operum exiguoque adsueta iuventus,
 sacra deum, sanctique patres ; extrema per illos
 iustitia excedens terris vestigia fecit.

— Me vero primum dulces ante omnia Musae, 475
 quarum sacra fero ingenti percussus amore,
 accipiant caelique vias et sidera monstrent,

471. 'Lustra ferarum,' 'the haunts of game,' i.e. hunting. The phrase recurs A. III 647.

472. 'Exiguo' is the reading of Med., Pal., Rom., etc. Gud. has 'parvo,' which is supported by quotations in the grammarians, but seems to have come from A. IX 607, as Burn. remarks.

473. 'There is religion and there are reverend elders,' that is, 'there is reverence for age.'

'Extrema,' etc. : comp. Arat. Phaen. 127, 'Ὅς εἰπύσ' (Δίκη) ὀρέων ἱκεμαίετο. Justice is there said to have fled to the mountains in the days of the silver race, and fled from earth altogether in the days of the brazen race.

475-489. 'My first wish is that the Muses would reveal to me the whole system of nature's laws, my second, should that be denied me, is to lead a country life : my heart leaps up at the thought already.'

475. We may take 'ante omnia' either with 'primum' or with 'dulces.' The first way most clearly brings out the sense of the whole passage, which is—'Above all things I would be the poet of philosophy—if I cannot be that, I would be the poet of the country.' Besides, there is no such authority for the use of 'ante omnia' intensively with an adjective, as to warrant us in choosing this collocation when the passage may be construed otherwise. See Hand, Tursell. 1 388. Heyne connects 'accipiant me primum ante omnia,' 'take me as their first favourite,' which seems clearly wrong.

With 'dulces Musae' comp. Arat. Phaen. 16, χείριστε δι Μούσαι Μελίχλαι μάλα πᾶσι.

476. 'Sacra fero : ' it is hard to say whether this phrase means to carry the sacred symbols in procession like a *κανηφόρος* (Hor. S. I iii 11, and Orelli's note), or to sacrifice as a priest, as ap-

parently in A. III 19, v 59, VI 810. Either would do equally well here ; the latter is perhaps recommended by Horace's 'Musarum sacerdos' (Od. III i 3), and Prop. IV i 3, 'Primus ego ingredior puro de fonte sacerdos Itala per Graios orgia ferre choros,' with which again we may comp. Virg.'s own 'sanctos ausus recludere fontis,' v. 175.

'Ingenti percussus amore : ' Lucr. I 923 foll., 'Percussit thyro laudis spes magna meum cor, Et simul incussit suavem mi in pectus amorem Musarum.' Cerda refers to *μουσοπάτακος* in Cicero.

'Percussus,' the reading before Heins., is found in Med. corr. and Gud.

477. Virg. probably had in his mind not only Lucr. and the Greek didactic poets, Xenophanes, Empedocles and Aratus, but also the legendary teachers of early Greece, Orpheus and Musaeus. His own notion of an ancient bard is that of a hierophant of nature, as shown in Iopas A. I 740, where he partly repeats the present passage. The conception belongs not to Augustan Rome, but to primitive Greece, where science was theological and imaginative, and verse the natural vehicle of knowledge and thought. It had, however, been partially realized by Lucr., whose example strongly influenced Virg., and whose subject is evidently shadowed out by the following lines, as the references will show, while he, his master, and their followers, are as evidently pointed at vv. 490-492 (see notes there and Introd.). Propertius (IV (11) v 23) sketches a similar employment for his old age, when he can no longer be the poet of love ; but his field is larger than Virgil's, including the mysteries of the world below, an addition perhaps suggested by Lucretius' third Book, as the whole passage seems to have been by Virg.'s aspiration here. Similar epitomes of the subjects of scientific study are

defectus solis variōs lunaeque labores, /
 unde tremor terris, qua vi maria alta tumescant
 obicibus ruptis, rursusque in se ipsa residant, 480
 quid tantum Oceano properent se tinguere soles
 hiberni, vel quae tardis mora noctibus obstet.
 sin, has ne possim naturae accedere partis,
 frigidus obstiterit circum praecordia sanguis,
 rura mihi et rigui placeant in vallibus amnes; 485
 flumina amem silvasque inglorius. o, ubi campi
 Spercheusque, et virginibus bacchata Lacaenis

given by Hor. Ep. i xii 16 foll., Ov. M. xv 69 foll.

'Caelique vias et sidera,' the stars in their courses through heaven'—probably a hendiadys. In these words Virg. may have been thinking of Aratus, as in the following of Lucr.

478. Lucr. v 751, 'Solis item quoque defectus lunaeque latebras Pluribus e causis fieri tibi posse putandum est,' in which 'pluribus e causis' explains 'varios.' There is no difference between 'defectus' and 'labores,' as appears from the parallel passage A. i 740, 'errantem lunam solisque labores.' Comp. Prop. ii xxxiv 48, 'fraternis Luna laboret equis; '[Varro (quoted by Serv.) uses 'laborare' of a lunar eclipse.] Heyne, who quotes the lines of Lucr., observes, after giving the first verse, 'Vel hoc uno versu Vergiliani carminis quanta suavitas sit intelliges.'

479. 'Unde tremor terris:' Lucr. vi 577 foll.

'Qua vi,' through what force of nature.

'Maria alta tumescant' is taken, by [Servius, quoting Lucan i 412, and] most commentators, of the tides. But the words seem to denote something more irregular, such as the sudden rise of the sea at an earthquake (as described by Thuc. iii 89), or storms, comp. Lucr. v 1002, Sil. xiv 348. [Earthquakes, producing earthquake waves, were and are not unfrequent on the shores of the Mediterranean, particularly near Naples, where Virg. wrote.]

481. ['Oceano' abl., G. i 246, A. xi 913, 'gurgite Phoebus Hiberno tinguat equos;'] cf. G. iii 359.]

482. 'Tardis noctibus' might mean slow in coming ('aestivis') or slow in

going ('hibernis'). It seems to be decided in favour of the latter by Lucr. v 699, 'Propterea noctes hiberno tempore longae Cessant.'

483. [The line is quoted by Plotius Sacerdos p. 445 K. as 'sin has non possim naturae acquirere partes.'—H. N.] For 'naturae partis' comp. Lucr. iii 29, 'quod sic natura tua vi Tam manifesta patens ex omni parte resecta est.'

484. Comp. Empedocles (Stobaeus, Ecl. p. 1026), *αἷμα γὰρ ἀνθρώπου περικάρδιόν ἴσσι νόημα*, and see Plato, Phaedo p. 96 B; Cic. Tusc. i ix 19; Lucr. iii 43. The Comm. Cruq. on Hor. A. P. 465 explains the epithet 'frigidus,' there given to Empedocles, by saying that, according to him, slowness of intellect was caused by the coldness of the blood about the heart, which is, at any rate, a natural inference from his doctrine. Virg. gives a philosophic reason for his possible inaptitude for philosophy. See also note on iv 7.

485. 'Rura—silvas,' 'amnes—flumina,' 'placeant—amem' correspond. His wish is, that he may be content with woods and waters, and have no thought besides.

486. 'O, ubi campi,' 'O where are they?' 'Would that I were there!' Comp. Hor. S. ii vii 116, 'Unde mihi lapidem?' 'Campi' is the 'Larisae campus opimae,' Hor. Od. i vii 11.

487. I have given 'Spercheus' (Med. corr. and Pal.) on the analogy of 'Peneus' and 'Alpheus,' though it is not easy to say when Virg. is likely to have used 'us,' when 'os.' [Med. has originally 'Spercheos,' Rom. 'Sperchius.'—H. N.]

'Bacchata,' probably from Lucr. v 824, 'Omne quod in magnis bacchatur montibu' passim.' Comp. A. iii 125, 'Bacchatamque iugis Naxon.' In these two

Taygeta! o, qui me gelidis convallibus Haemi
 sistat, et ingenti ramorum protegat umbra!
 felix, qui potuit rerum cognoscere causas, 490
 atque metus omnis et inexorable fatum
 subiecit pedibus strepitumque Acherontis avari!
 fortunatus et ille, deos qui novit agrestis,
 Panaeus Silvanumque senem Nymphasque sorores!
 illum non populi fascēs, non purpura regum 495
 flexit et infidos agitans discordia fratres,

passages it has been proposed to take 'bacchatus' actively [so Nonius p. 78], the mountain or island itself being said to revel (comp. III 150, 'furit mugitibus aether,' and *φυλλομανεῖν* and similar words in Greek). But the use of a deponent participle passively is common enough, *βακχευθῆναι* appears to be similarly used, [and 'bacchare' itself does occur.]

488. 'Taygeta,' plural of *Τάυγερον*. The common Latin form is 'Taygetus.' [Pal. has 'Taugea,' which Ribbeck formerly adopted.—H. N.]

The ref. is to the temple of Bacchus in the range of Taygetus, to which only women were admitted (Paus. III 20).

'Convallibus,' Med., Pal., is the natural word for the glens of Haemus, and is now generally accepted. The older reading 'in vallibus' seems to have arisen from v. 485.

490-540. 'If the sage is blest, so is the countryman. Untempted by ambition, and removed from its crimes, its vanities, and its penalties, he moves in the round of yearly labour and plenty, with new fruits constantly pouring in, and ever and anon a day of rustic merry-making, following the example of the grand old times of Italian history and legend.'

490. [Munro on Lucr. I 78, III 449, argues that Virgil here means Lucretius, and this was Conington's view in his first ed. Afterwards he came to think that] Virg. is here sketching the Epicurean philosopher, whether master, scholar, or poet, just as in vv. 493, 494 he is identifying himself with all lovers of the country, whether poets or not. The expression 'rerum causae,' while accurately describing Lucr.'s philosophy, is not found in his poem, though Munro points to Lucr. III 1072, v 1185 as likely to have suggested the present line. The words

are copied by Ov. M. xv 68, who couples them with 'primordia mundi.'

491. 'Metus:' Lucr. III 37, 'Et metus ille foras praeceps Acherontis agendus, Funditus humanam qui vitam turbat ab imo.'

'Inexorable' may refer specially to the argument at the end of Lucr.'s third book. Rom. has 'ineluctabile,' probably a reminiscence of A. VIII 334. 'Fatum:' death, as nature's fiat.

492. 'Subiecit pedibus:' Lucr. I 79, 'Quare religio pedibus subiecta vicissim Obteritur.'

'Strepitumque Acherontis avari:' in Lucr. III 14-30 the philosopher, looking down, sees Acheron vanish.

493. 'Fortunatus et ille:' the calm, which was the great boon of philosophy, is given also, after its kind, to the lover of the country. 'Felix' and 'fortunatus' seem synonymous.

'Deos qui novit agrestis:' throughout the Eclogues, particularly in E. v, vi, x, the country gods are represented as mixing with the human dwellers in the country.

495. 'Populi fascēs:' from Lucr. III 996. This passage again is somewhat similar to Lucr. III 59-86, who is speaking of the civil wars of his own time.

496. 'Fratres' is generally referred to one of the domestic contests for Eastern thrones, such as that between Phraates and Tiridates for the throne of Parthia; Hor. Od. I xxvi 3 foll., which somewhat resembles this passage. [So H. N., note on 505.] Lucr. however, l. c., has expressions (vv. 72, 73, 83-86) which speak distinctly of the disruption of families in the civil war. 'Civil feuds that make brothers swerve from brother's duty.'

'Non — non — et,' connecting three equally distinct subjects, occurs Prop. II i 21.

aut coniurato descendens Dacus ab Histro,
 non res Romanae perituraque regna; neque ille
 aut doluit miserans inopem aut invidit habenti.
 quos rami fructus, quos ipsa volentia rura 500
 sponte tulere sua, carpsit, nec ferrea iura
 insanumque forum aut populi tabularia vidit.
 sollicitant alii remis freta caeca, ruuntque
 in ferrum, penetrant aulas et limina regum;

497. [About 50 B.C. Burebista organized the Dacians into a formidable though short-lived military state of a type common among savage tribes. About 46 he raided the whole Balkan peninsula, and Caesar planned a counter campaign in 44. In 32 his successor Cotiso took Antony's side, and Rome feared a Dacian inroad; hence this line, *Hor. Sat. II vi 53* (B.C. 31) and *Od. II vi 13*, 'paene occupatam seditionibus Delevit urbem Dacus et Aethiops.' The danger lasted beyond Actium; even in 16 and 10 the Dacians crossed the frozen Danube. See *Mommsen Mon. Ancyri. p. 30.*]

'Coniurato Histro:' Philarg. [and Serv.] assert on authority of Aufidius Modestus that the Dacians pledged themselves in Danube water not to return home unless victorious: comp. *Claudian de Bell. Goth. 87*. But the words may well refer to the frozen Danube, thus in league with the Dacians.

'Descendens,' from their mountains: *Flor. II 28*, 'Daci montibus inhaerent.'

498. 'Not the great Roman state, and the death-throes of subject kingdoms.' [See v. 505 note: for 'regna' comp. *Cic. de Lege Agr. III 34*, *Milo 73, 87*, etc.]

499. In the country the distinctions of poverty and wealth, and the emotions of pity and envy which they cause, are alike unknown. The serenity produced by a rural life is still the uppermost thought. *Comp. Tibull. I i 77*, 'ego composito securus acervo Despiciam dites despiciamque famem.' Serv., seeing apparently that this explanation does not clear the earlier part of the verse from the charge of selfish indifference, suggests that the countryman does not pity poverty because he is philosopher enough to understand that it is not an evil but a blessing. Germanus thinks *Virg.* means to represent the countryman as free from the two emotions which pervert the sense of justice, which

he proves from Aristotle to know no distinction of persons. The feeling again is unlike the general tone of the Georgics. See v. 460.

500. Imitated from *Lucr. v 937, 938*.

501. 'Iura' [rules of law or decisions in the law courts: so often in good Latin (*Contr. to Latin Lex. p. 498*).—H. N.]

'Ferrea' [shameless or ruthless. For the first comp. *Licinius Crassus ap. Suet. Nero 4* 'os ferreum, cor plumbeum,' *Cic. Pis. 63*, *Catullus XLII 17*. In *Quint. (?) Decl. III x 8* 'ferrea iura fatorum' means the inexorable decrees of fate; so *Val. Max. v iii 2* 'duris et, ut ita dicam, ferreis sententiis.' Serv., *Philargyr.* and the *Berne scholia* all take the word here as 'dura' 'immutabilia.'—H. N.]

502. Rom. has 'insanumve.'

'Tabularia,' [i.e. records of all public business. Such records were kept in temples, esp. in the temple of Saturn in the Forum, and perhaps in the so-called 'Tabularium' above it on the Capitol slope (*Jordan, Topogr. der Stadt Rom. I ii 135*). *Virgil* may here be thinking of these two buildings, the latter of which must have dominated the Forum in his time, 'a silent background to the surging mob below.'—*Mackail, Class. Review, 1896, December.*]

503. 'Freta caeca,' like 'ruunt in ferrum' which follows, seems to denote headlong daring. *Comp. Soph. Tereus, fr. 533, τὸ δ' ἐς αἴριον αἶε τρυφλὸν ἔρπει.* [*Dark, i.e. stormy.*—H. N.]

504. The choice of the words 'aulae' and 'limina' (*Hor. Epod. II 7*, 'Forumque vitat et superba civium Potentiorum limina;' *Pers. I 108*, 'ne maiorum tibi forte Limina frigescant') seems to show that the poet speaks of the road to wealth and honour through the favour of the great, 'regum' used as in *Hor. Ep. I vii 37, xvii 43*. The other interpretation, 'sack the palaces of kings,' would create a prosaic tautology with what follows.

hic petit excidiis urbem miserosque Penates, 505
 ut gemma bibat et Sarrano dormiat ostro;
 condit opes alius defossoque incubat auro;
 hic stupet attonitus Rostris; hunc plausus hiantem
 per cuneos geminatus enim plebisque patrumque
 corripuit; gaudent perfusi sanguine fratrum, 510
 exilioque domos et dulcia limina mutant,
 atque alio patriam quaerunt sub sole iacentem.
 agricola incurvo terram dimovit aratro:
 hinc anni labor, hinc patriam parvosque nepotes

505. 'Excidiis,' abl. : comp. 'bello,'
 'armis,' 'saxis petere.'

'Urbem miserosque Penates,' 'one brings ruin to a city, and wretchedness to its homes.' It is difficult to say whether the reference is to the sack of foreign cities or to the entrances into Rome of conquerors in the civil wars. Professor Seeley has suggested to me that Virg. may be here glancing at Caesar, as in v. 507 at Crassus, and in vv. 508 foll. at Pompey and his admirers (comp. Lucan i 133, 'plausuque sui gaudere theatri'). [The whole passage may however well apply to the year 33 B.C. 'Penetrant aulas et limina regum' may allude to intrigues with foreign courts such as Antony had been carrying on with Media, Armenia, and Egypt. 'Res Romanae perituraque regna' are the fortunes of Rome and the falling Eastern despotisms opposed to her. 'Infidos agitans discordia fratres' may be meant either for Phraates the murderer of his brother, or for the Armenian princes Artaxias and Tigranes. The lines 'hic petit excidiis'—'ostro' might well be intended for Antony himself.—H. N.]

506. 'Gemma bibat:' Serv., whom some commentators follow, says 'poculo gemmeo, non gemmato.' But there seems no reason thus to restrict the word. 'Bibit e gemma' occurs Prop. iv v 4, 'gemma ministratur' Sen. Provid. 3 Virg., as Macrob. Sat. vii 1 says, has imitated a line of Varius, 'incubet ut Tyriis atque ex solido bibat auro.'

'Dormiat:' Med. a.m. pr. has 'indormiat' (which Heins. adopted) or 'indormitat.'

507. 'Defosso auro,' buried: Hor. S. i 42, 'Quid iuvat immensum te argenti pondus et auri Furtim defossa timidum deponere terra?' [The custom of burying hoards was very widespread throughout all antiquity and the middle ages. For exx. of

hoards buried in Virgil's time see Mommsen-Blacas, ii 142 foll.]

508. 'Hic,' the aspirant to eloquence, who is struck dumb with admiration of the successful speaker, and the applause which greets him. 'Hunc,' the aspirant ('hiantem') to political greatness, who is caught and carried away ('corripuit') by the applause in the theatre ('per cuneos') which rewarded popular statesmen. For the practice comp. Hor. Od. i xx 3, ii xvii 26 [and many passages in Cicero's letters.—H. N.]

509. 'The plaudits of commons and nobles as they roll, aye, again and again, along the benches.' [In early Latin 'enim' is affirmative (indeed), not causal (for): so, for ex. always in Plautus and usually in Terence, Langen's Beiträge 262. The affirmative sense survives in Virg. here, v. 104, A. vi 317, VIII 84, x 874, possibly in Livy xxii xxv 3, and in the compound 'enimvero,' 'at enim,' and probably 'sed enim' (A. i 19, ii 164, etc.), which is at least as old as Cato.]

510. 'Fratrum:' Lucr. iii 70; [Catull. LXIV 398.—H. N.] Comp. note on v.

496. If proscriptions are alluded to, Virg. would refer to the Second Triumvirate, as Lucr. to Sulla and Marius.

511. 'Exilio,' place of exile. A. iii 4, 'Diversa exilia et desertas quaerere terras.'

512. Hor. Od. ii xvi 13, 'quid terras alio calentes Sole mutamus?' is probably an imitation of this, though Hor. is speaking of voluntary exile. The order in Pal. is 'quaerunt patriam.'

513. 'Dimovit' while war, etc., is going on elsewhere, he has tilled his lands and expects the harvest. The same line has occurred, i 494, with 'molitus' for 'dimovit.' Med. gives 'molitus' here.

514. The use of 'labor,' like *κόπος*, for the fruits of labour, is common, but seems

sustinet, hinc armenta boum meritosque iuvenços. 515
 nec requies, quin aut pomis exuberet annus
 aut fetu pecorum aut Cerealis mergite culmi
 proventuque oneret sulcos atque horrea vincat.
 venit hiemps, teritur Sicyonia baca trapetis,
 glande sues laeti redeunt, dant arbuta silvae; 520
 et varios ponit fetus autumnus, et alte
 mitis in apricis coquitur vindemia saxis.
 interea dulces pendent circum oscula nati,
 casta pudicitiam servat domus, ubera vaccae

hardly applicable here, as it would require us to suppose that Virg. uses the word to designate those fruits as distinguished from the labour whence ('hinc') they come. It seems better to understand the words as meaning that the husbandman finds his annual employment as well as his livelihood in tillage. Ribbeck reads 'hic' for the first 'hinc,' from a conj. of Markland's, confirmed by a variant in Gud.

'Nepotes:' Med. has 'Penates,' which is approved by Heins. and Heyne (the latter of whom comp. IV 155), and adopted by Haupt and Ribbeck, but its deficiency in external authority seems fatal to it. The transcriber of Med. was liable to error from a recollection of parallel passages (see v. 513); the source of the mistake here may have been partly the sight of v. 505, partly a remembrance of A. VIII 543. Whether any reason beyond poetical variety makes Virg. talk of grandsons rather than sons of the countryman is not easy to say; he may have thought that there was some point in leading us to suppose him a man advanced in years, yet working on. Mr. Munro reminds us that a Roman might well see his son's children born by the time he was forty, and that they were as much under his 'patria potestas' as the son was if not emancipated.

'Patriam:' it is not clear whether this means his hamlet, or his country in the larger sense. The language would point to the latter, the sense to the former. If the latter is meant, the antithesis may be, as Wagn. thinks, between peaceful patriotism and the unscrupulous ambition just mentioned. Varro R. R. II 1 complains that the disuse of agriculture was making Rome dependent on foreign nations for corn. Not unlike is Juv. XIV 70, 71, 'patriae sit idoneus, utilis agris,' except that there the reference is more general. Dona-

tus ap. Serv. renders 'patriam,' 'villam.' 'Thence comes sustenance alike for his country and his infant grandsons at home, and for his herds of oxen and the bullocks that have served him so well.'

515. 'Meritos:' so III 525, of the dying bullock, 'Quid labor aut benefacta iuvant? quid vomere terras Invertisse gravis?'

516. 'Nec requies,' probably 'anno' rather than 'agricolae.' The expression is from Lucr. VI 1177.

519. The narrative style is continued with increased liveliness. 'Sicyonia baca,' the olive for which Sicyon was famous. Comp. Ovid Ibis 319, ex Ponto IV xv 10, Stat. Theb. IV 50. [Pal. has 'Sicunia,' Rom. 'Siquonia.'—H. N.]

520. 'Glande laeti' = 'saturi et nitidi.' Comp. 'armentaue laeta,' v. 144. 'See how fat the swine come off from their meal of acorns.' 'Glande' is the important word, as it is of the different fruits of different seasons that Virg. is speaking: the rest is ornamental, though quite in keeping with the picture of rural felicity and abundance.

521. 'Ponit fetus:' comp. Phaedrus II iv 3, 'Sus nemoricultrix fetum ad imam (arborem) posuerat,' a sense in which 'deponere' is also used. 'Or, for a change, autumn is dropping its various produce at his feet.' The willingness of nature is dwelt on, as in 'dant arbuta silvae.' See on v. 460.

522. Comp. note on v. 377.

523. 'Interea' divides the description of fruitfulness without from that of happiness within.

'Pendent circum oscula nati' is from Lucr. III 895, 'nec dulces occurrent oscula nati Praeripere.' In both these passages, as in A. I 256, XII 434, 'osculum' is used in its primary sense as the diminutive of 'os.'

524. 'Domus' = 'familia,' in this case

lactea demittunt, pinguesque in gramine laeto 525
inter se adversis luctantur cornibus haedi.
ipse dies agitat festos, fususque per herbam,
ignis ubi in medio et socii cratera coronant,
te, libans, Lenaeae, vocat, pecorisque magistris
velocis iaculi certamina ponit in ulmo, 530
corporaque agresti nudant praedura palaestrae.
hanc olim veteres vitam coluere Sabini,
hanc Remus et frater, sic fortis Etruria crevit
scilicet et rerum facta est pulcherrima Roma,
septemque una sibi muro circumdedit arces. 535

the wife. 'Servat,' keeps, in the sense of observing. 'His virtuous household keeps the traditions of purity.'

525. 'Lactea ubera demittunt' = 'ubera lacte demissa gerunt.' Perhaps vv. 524-526 may have been suggested by Lucr. I 257-261. 'Fat kids, on grass luxuriant as they, are engaging together, horn against horn.'

527. 'Agitare,' as in IV 154, A. X 237, is equivalent to 'agere.' The word is used absolutely by prose writers in the sense of 'degere,' Lexx. sub v.

'Dies festos:' keeping the old holidays would mark at once the leisure and the simplicity of country life. Most festivals in the old calendar were rural.

528. 'Ignis ubi in medio' must be a turf-built altar, not the 'focus' in the house, on account of 'fusus per herbam:' Tibull. II i 21 and Hor. Epod. II 65 are not strictly parallel. The description is quite general. For 'in medio' Med. a m. pr. has 'ingenio,' whence Burm. conjectured 'genio.'

'Cratera coronant,' a mistranslation or alteration of Homer's *κηρήρας ἐπεσρέψαντο πόροιο* (Iliad I 470, etc.), which means 'filled the bowls with wine,' whereas Virg. means 'wreath the bowl with flowers,' as appears from A. III 525, 'magnum cratera corona Induit implevitque mero.'

529. 'Pecoris magistris:' comp. 'oviumque magistris,' E. II 33.

530. 'Iaculi certamina ponit in ulmo:' condensed for 'makes a match of darting at a mark set up in or scored on an elm.' Comp. A. V 66, 'Prima citae Teucris ponam certamina classis,' where it would be unnatural to make 'certamina' = 'praemia.' 'Certamen ponere,' like *ἀγωνισθῆναι*.

531. 'Nudant:' there is a change of subject, as often in Virg.

'Praedura': Med. had 'perdura.'

'Palaestrae,' so Med. etc., [dat. of purpose.—H. N.]

532. 'Vitam coluere:' Lucr. has 'colere aevum,' v 1145, 1150. The Sabines are a type of hardy simplicity: comp. Hor. Epod. II 41, Od. III vi 39, A. IX 603, etc. So Livy I xviii 4 talks of 'disciplina tetrica ac tristi veterum Sabinorum.' The order in Pal. is 'vitam veteres.'

533. The mention of 'Etruria' has been thought to be a compliment to Maecenas. It is quite as likely to be an instance of Virg.'s feeling for antiquity.

534. 'Scilicet:' comp. I 282 note. Here, as in that passage, 'scilicet' is inserted rhetorically, to give importance to the words connected with it. Some edd. place the stop after 'crevit,' taking 'scilicet' with what follows. But comp. the position of 'scilicet' in the passage just referred to.

'Rerum pulcherrima:' such expressions as 'memorum maxima' above v. 15, Hor. S. I ix 4 'dulcissime rerum,' and Ov. M. VIII 49 'pulcherrime rerum,' make us doubt whether the genitive here is a real partitive, and whether the agreement in gender of 'pulcherrima' with 'rerum' is not merely accidental. Comp. IV 441 'miracula rerum.'

535. This line seems an anticlimax here, and still more where it recurs in A. VI 783. For the importance which the Romans attached to the number of the hills, which they retained when by the expansion of the city the hills themselves were changed, see Niebuhr I 382 (Eng.

ante etiam sceptrum Dictaei regis, et ante
 impia quam caesis gens est epulata iuvenicis,
 aureus hanc vitam in terris Saturnus agebat :
 necdum etiam audierant inflari classica, necdum
 inpositos duris crepitare incudibus enses. 540

Sed nos immensum spatiis confecimus aequor,
 et iam tempus equum fumantia solvere colla.

Tr.). We must bear in mind how much the Romans thought of the grandeur of the city compared with that of the empire. [Compare the importance attached to an alteration of the 'pomerium.']

'Arces,' of the hills, v. 172.

536. 'Dictaei regis : ' Cicero (N. D. III 21) speaks of three Jupiters ; 'tertium Cretensem, Saturni filium, cuius in illa insula sepulchrum ostenditur.'

537. Comp. Aratus Phaen. 132,

Χαλκείη γενεή προτέρων δλωότεροι άνδρες,
 Οί πρώτοι κακότεργον έχαλκεύσαντο μά-
 χαιραν
 Είνοδίην, πρώτοι δέ βοών έπάσαντ' άρο-
 τήρων.

Cerda quotes other instances of the supposed impiety of slaying the ox, the fellow-labourer of man.

538. 'Aureus,' king of the golden age. Comp. Theocr. XII 15, ή μά τάρ' ήσαν Χρύσειοι πάλοι άνδρες.

539. 'Etiam' connects 'necdum' with 'ante,' as the former 'etiam' connects 'ante' with what precedes.

'Audierant : ' this semi-impersonal use

of the third person plural, like the French 'on,' is common in the Aeneid : e.g. I 638.

540. Med. originally had 'inpositis duros.'

541, 542. 'But I must end this long stage of my work.'

541. 'Spatiis : ' the plural 'spatia,' as used by Virg., seems to denote sometimes the circles of a racecourse, and sometimes the passage of the racers round them. Comp. A. v 584, VII 380. We may therefore either (1) take 'spatiis' in the former sense, and connect it with 'imensum,' as Heyne does, or (2) take it in the latter, and connect it with 'confecimus.' Heyne refers for a similar metaphor to Tryphiodorus 664, έγω δ' άπερ άππον έλάσσω Τέρματος άμφέλισσαν επιψάουσαν άοιδήν. In Lucr. VI 92 foll. the metaphor is from a foot-race.

542. 'Fumantia : ' 'equos . . . Fumantis sudore quatit,' A. XII 338. Rom., Pal., and some others have 'spumantia,' which might also represent the condition of a horse after a long journey. ['Equom' Pal.—H. N.]

EXCURSUS ON VERSE 81. (EXIIT.)

LACHMANN on Lucr. III 1042 (pp. 206-210) maintains that the last syllable of 'iit' and its compounds and of 'petiit' is necessarily long, having been originally written, as inscriptions prove, with a diphthong. He quotes a number of passages where 'rediit,' 'subiit' etc. are lengthened by Ovid, and removes various apparent exceptions in other authors by corrections more or less supported by MSS.

So far as the text of Virg. is concerned, his case appears a weak one. Here he would read 'exit,' which is found in no good MS., though Gud. and the MSS. of Nonius p. 308 have 'exilit,' the authority of the latter being weakened by the fact that in another place where that author quotes the line, p. 339, his MSS. have 'exiit' or 'exiet.' In A. II 497 he would read 'exit,' from one of Ribbeck's cursives (marked 'c') and the MSS. of Nonius p. 296 : in A. v 274 'transit' from Rom. : in A. IX 418 'it' from all Ribbeck's MSS. except Pal. and perhaps Gud. (which Ribbeck quotes for both 'it' and 'iit'), and from the MSS. of Nonius p. 408, the Montalban

MS. of Virg. and the MSS. of Priscian in three places having a curious variety, 'volat : ' in A. x 785 'transit' from no authority, except that Med. originally had 'transiet : ' in A. x 817 'transit' from Rom., two of Ribbeck's cursives ('c' and 'm') and some other copies having 'transilit.' Thus the only passage where there is any preponderance of authority for the form of 'it' is A. ix 418, and there the only extant uncials are Med., Pal. and Rom., the two former of which may pair off with each other : in the other passages the weight, so far as it falls anywhere, falls almost wholly on Rom. Rom., it should be mentioned, is wanting in the two first cited passages, that before us (G. II 81) and A. II 497, in both of which it may probably have read 'exit,' though A. x 785 shows that the inference is not absolutely certain. But the fact is that Rom. almost invariably turns the perfect 'iit' into 'it,' not merely in compounds of 'eo' but in other verbs. Not only is 'audiit' in Rom. constantly written 'audit,' but in the two passages in Virg. where it occupies the fifth place in the verse, A. v 239, VII 516, the dactyl is made out by reading 'audit et.' In other passages 'it' is introduced in that MS. in disregard of metre, as in A. VIII 363, 'subit,' A. x 67, 'petit,' unless we suppose the scribe to have intended the words either to be pronounced 'subyit,' 'petyit,' or to be read as trisyllables, the second 'i' being omitted in writing, as it is in the best MSS. in such words as 'obicit,' 'subicit.' The case is the same with the double 'i' in the perfect infinitive, which Rom. almost always writes single. The same phenomena are occasionally observable in Med., Pal., and other MSS. cited in Ribbeck's apparatus criticus, but to a far less extent. On the other hand, instances are found where a transcriber has written the double 'i' for the single contrary to the metre. On the whole it seems that considerable confusion on the subject prevailed among the copyists, not only of Virg., but (as in the instances cited from Nonius) of other authors, but that there is no evidence that this confusion was due to any notion about the quantity of the final syllable of the perfect indicative of 'eo' and its compounds. The existence of 'ambiit' A. x 243 (which even Rom. does not alter) is an argument for supposing that Virg. did not recognize Lachmann's rule, for, though 'ambio' is not conjugated throughout like 'exeo' or 'transeo,' they must be at bottom the same, and 'exiet,' 'transiet,' following the analogy of 'ambiet,' are not absolutely unknown even to classical latinity. Wagner argues against Lachmann's doctrine in his *Lect. Verg.* pp. 316 foll., though his main reason, the inadmissibility of the rhythm produced by 'transit' in A. v 274, savours rather of the arbitrariness of the precept which he controverts : and I am glad to find that Mr. Munro (on *Lucr.* III 1042) is not dismayed by his great predecessor's dictum 'adeo grammatici nostri ea quae quivis puer Romanus sciebat neglegunt, nos autem senes ea operose quaerere cogimur quae nobis magistri nostri olim tradere debebant.'

[It is probable that in the earliest Latin the '-it' of the third person singular perfect indicative active was long in all verbs. In Plautus it is usually, if not invariably, long (see e.g. *Miles* 213, *Pseud.* 311, *Rudens* 199) and early inscriptions sometimes spell '-eit,'—though it must be admitted that 'ei' is sometimes short on such inscriptions and that the exx. of '-eit' are not very numerous. Traces of this original length exist in classical poetry perhaps in a few exx. like 'enituit' above (II 211), but chiefly in 'iit,' its compounds, and 'petiit,' all of which are seldom used with the last syllable short, and are in Ovid, though not elsewhere, regularly long.]

LIBER TERTIUS.

THE care of the various animals bred by the farmer forms the subject of the Third Book. These are divided into two classes, distinguished as 'armenta,' horned cattle and horses, and 'pecudes,' the smaller cattle, sheep and goats, while a word is thrown in (vv. 404-413) about dogs. The former occupies the larger portion of the book, vv. 49-283: the poet however allows himself to digress in the last paragraph of the division, vv. 242 foll., speaking of the effect of sexual passion on the whole animal creation. Even in the earlier portion the subject is not very regularly treated. Virgil commences by saying (vv. 49 foll.) that a breeder of oxen or horses ought to attend particularly to the choice of dams. A description of a cow follows; but nothing is said of a mare. At last (vv. 72 foll.) he changes the subject to horses, but it is that he may talk, not of dams, but of sires. Thus instead of describing cow and mare, bull and stallion, he consults variety by describing the female of one class, the male of the other. In what follows he treats of both classes indifferently; but, true to his preference of poetical ornament to practical accuracy, he does not so much generalize as confuse, using language which is sometimes applicable to oxen, sometimes to horses. At last (vv. 146 foll.) he is led to speak more particularly of oxen, with respect to their early training; that over, he bestows a similar paragraph on horses. But this proportion is soon violated. Speaking of the effect of the sexual passion, he lavishes his powers of minute description on the bull, in the well-known picture of the fight between two bulls for the same heifer (vv. 219 foll.). Horses and mares are indeed mentioned, but not with the same prominence, the former being introduced cursorily in the digression on the sexual fury of the whole animal creation, the latter forming the conclusion of that digression. In the second part of his subject (vv. 284 foll.) Virgil is more systematic; but he digresses more. The mention of pasturing flocks in summer and winter leads to two celebrated descriptions (vv. 339 foll.) of a Libyan shepherd's summer and a Scythian shepherd's winter, in the latter of which special pastoral details are soon lost in a picture of the general features of the scene. And the narrative of the pestilence in Southern Italy, with which, in imitation of Lucretius, he has chosen to conclude the book, is essentially digressive; it follows the fortunes of other animals besides those which are subjects of the farmer's care, and in general is so conducted that the reader peruses it as an independent story, and does not feel the patent want of a peroration to close this part of the treatise.

The exordium of the book has a biographical interest, as containing the most definite sketch of the project, which Virgil doubtless stood pledged to execute, of a poem in honour of the exploits of Octavian—a plan, not of the Aeneid, but of that for which the Aeneid was accepted as a compensation.

TE quoque, magna Pales, et te memorande canemus
pastor ab Amphryso, vos, silvae amnesque Lycaei.

1-48. 'My song shall now embrace the themes of cattle and pasturage. The old heroic legends have been worn threadbare: mine must be a different path to fame. One day I hope to raise a deathless monument to Caesar, a trophy of his

victories over East and West, and of mine over the bards of Greece. Meanwhile Maecenas bids me to the woods again.'

1. For Pales and Apollo, see E. v 35.

2. 'Pastor ab Amphryso:' the pastoral character of Apollo appears in the common

cetera, quae vacuas tenuissent carmine mentes,
omnia iam vulgata : quis aut Eurysthea durum,
aut inlaudati nescit Busiridis aras? 5
cui non dictus Hylas puer et Latonia Delos
Hippodameque umeroque Pelops insignis eburno,
acer equis? temptanda via est, qua me quoque
possim
tollere humo victorque virum volitare per ora.
primus ego in patriam mecum, modo vita supersit, 10

legends as a mere episode: it appears however to have been a distinct aspect under which he was regarded by the earlier mythology.

'Ab' serves for local description. Comp. 'Turnus Herdonius ab Aricia,' Livy I 50, etc.

'Silvae amnesque Lycaei:' the abode of Pan, I 16, who is thus indirectly indicated as a third god invoked.

3. 'Carmine' Pal.; 'carmina' Med. Rom.; Serv. and Philarg. mention both. 'Carmine' seems less commonplace.

'Tenuissent,' potential, not conjunctive. 'All other themes which might have laid on idle minds the spell of poesy are hackneyed now.'

5. 'Inlaudati' is a litotes like 'inamabilis,' A. VI 438. [Some ancient critics objected to the word; one conjectured 'inplacati.' See Gell. II vi; Götz, *Liber Gloss.* p. 269.]

['Arces' Med. originally.—H. N.]

7. Virg. may have been thinking of Pind. Ol. I, which dwells equally on the ivory shoulder of Pelops and his victory in the chariot race.

8. 'Acer equis,' 'a keen charioteer,' as 'acerrimus armis' (A. IX 176), 'a gallant warrior.'

'Temptanda via est,' 'I must explore a path,' taking 'via' in its strict sense. Comp. Hor. Od. III ii 22, 'Virtus . . . negata temptat iter via,' probably an imitation of Virg., as the following words seem to show.

['Possem' Pal.—H. N.]

9. 'Victor' of intellectual triumph, perhaps from Lucr. I 75. The word prepares us for the image developed in the following lines.

'Virum volitare per ora:' Ennius Epigr. I, 'nemo me lacrimis decoret nec funera fletu Faxit: cur? volito vivus per ora virum.' The exact sense of the expression

is doubtful. (1) Usually 'per ora' means before or past the faces of men: so Sall. Jug. 31 'incedunt per ora vestra;' Hor. S. II i 64 'nitidus qua quisque per ora Cederet;' [Liv. II 38 'traductos per ora hominum;' IX 6 'traducti per hostium oculos;' Justin XIV v 6 'victor captivos in triumphi modum per ora civium trahit.'—H. N.] Thus our phrase would = fly in air in the sight of men, a sense which suits 'tollere humo' and the imagery of Hor. Od. II 20, Od. III ii 23. But (2) in Sil. III 135 'ire per ora Nomen in aeternum' the sense is clearly that of passing from mouth to mouth in talk, like 'in ore esse,' 'in ora venire' (Cic. etc.). So perhaps Virg. A. XII 234 'ille quidem ad superos, quorum se devovet aris Succedet fama vivusque per ora feretur.' On the whole, this may be one of the passages where Virg. shadows out more meanings than one, without discriminating them so sharply in his mind as a commentator: see A. II i note [and for the uses of 'os' Schmalz, *Antibarbarus* II 210.]

10-39. The allegory contained in these lines seems clearly to be drawn from a Roman triumph. The poet represents himself as returning from a campaign in Greece, and bringing the Muses captive from Helicon; in other words, if the old subjects of song are forestalled, he will be first to do for Rome what Hesiod and others have done for Greece. Then he will build a votive temple by his native river to his patron god, and celebrate before it games and shows, like Roman conquerors after their triumphs. The temple is to be adorned with the sculptured history of Augustus, as other temples were with the legends of their gods. Having secured his own fame as the rural poet of his country, he will pass to the grateful celebration of his patron's triumphs. It has been suggested that

Aonio rediens deducam vertice Musas,
 primus Idumaeas referam tibi, Mantua, palmas,
 et viridi in campo templum de marmore ponam
 propter aquam, tardis ingens ubi flexibus errat
 Mincius et tenera praetexit harundine ripas. 15
 in medio mihi Caesar erit, templumque tenebit.
 illi victor ego et Tyrio conspectus in ostro
 centum quadriiugos agitabo ad flumina currus ;
 cuncta mihi, Alpheum linquens lucosque Molorchi,
 cursibus et crudo decernet Graecia caestu. 20

the passage is not purely metaphorical, but refers to a journey into Greece [made about this time, and not mentioned by Suetonius, but alluded to by Horace in the third ode of the first book.—H. N.].

10. 'Primus' etc. : from *Lucr.* I 117, where Ennius is spoken of.

'In patriam,' not Mantua, as Serv., Heyne and others think, but Italy. Virg. has before claimed to be the earliest rural poet of Italy, II 175.

11. 'Aonio vertice : ' Helicon, as in *Lucr.* l. c., but perhaps with a reference to Hesiod (Keightley). 'Deducam,' lead in triumph. *Comp. Hor. Od.* I xxxvii 31, 'Privata deduci superbo Non humilis mulier triumpho.'

12. 'Idumaeas' would be otiose if applied only to 'palmas : ' it is worse than otiose, as drawing a contrast between 'palmas' and 'Mantua.' For 'Idumaeas palmas' *comp. Hor. Ep.* II ii 184, 'Herodis palmetis pinguibus,' *Lucan* III 216, *Stat. Silv.* v ii 138.

'Referam' carries out the notion of victory. 'Unde refert nobis victor quid possit oriri, Quid nequeat,' *Lucr.* I 75.

'Palmas : ' [the conqueror at his triumph sometimes deposited a 'palma' in the temple of Capitoline Juppiter ; hence the phrase 'triumphavit, palmam dedit,' used e.g. twenty-four times (between B.C. 43 and 26) on the *Tabula Triumph. Barb.* (C. I. L. I ed. 2 p. 76)]. Either the name 'palma' was given to the branch of bay which was carried by the victor in a triumph, or the palm itself was sometimes substituted for the bay, agreeably to the Greek custom adopted at Rome (*Livy* x 47), where the conqueror carried a palm branch. *Comp. Pausan.* VIII 48.

13. 'Templum : ' according to the cus-

tom of vowing temples to the gods in battle and dedicating them after victory : *Livy* I 11, 12 ; II 20, etc.

14. 'Propter aquam,' like the temple of Zeus by the Alpheus ; a glance at the Grecian games, which he intends to emulate, though the main idea is that of a Roman triumph. 'Ingens : ' the Mincio spreads into a lake close to Mantua.

16. 'In medio,' in the shrine, which is to contain the image of Caesar as the presiding god. Caesar shall be the principal subject of a great poem.

17. 'Illi : ' Rom. etc. have 'illic,' for which Ribbeck once took 'illi' to be an archaism.

'Conspectus in ostro : ' *A.* VIII 588 ; *Hor. A. P.* 228. The ref. is either to the triumphal 'toga picta' or to the 'praetexta' worn by magistrates at the games. 'Conspectus' = 'conspiciuus' as 'detestatus' = 'detestabilis,' etc.

18. 'Centum,' as in *A.* I 417, IV 199, VI 787. 'Agitabo,' will cause to be driven (by instituting games).

19. 'Lucus Molorchi,' the forest of Nemea, where Molorchus entertained Hercules. Philarg. seems to have read 'ludos.' For 'linquens' Pal. strangely has 'pubes,' possibly, as Ribbeck suggests, from I 343.

20. 'Crudo,' of raw hide. Rom. has 'duro,' which is Serv.'s interpretation of 'crudo.' His games will not be merely national, but will attract even Greeks from Olympia and Nemea. In other words, in his heroic poem, no less than in his Georgics, he will use and improve upon Greek art. *Comp. Hor. Ep.* II i 32, 'Venimus ad summum fortunae, pinguis atque Psallimus et luctamur Achivis doctius unctis.' ['Decernit' *Med. Pal. Rom.* —H. N.]

ipse, caput tonsæ foliis ornatus olivæ,
 dona feram. iam nunc sollemnis ducere pompas
 ad delubra iuvat caesosque videre iuencos,
 vel scaena ut versis discèdat frontibus, utque
 purpurea intexti tollant aulaea Britanni. 25
 in foribus pugnam ex auro solidoque elephanto
 Gangaridum faciam victorisque arma Quirini,
 atque hic undantem bello magnumque fluentem

21. 'Tonsæ olivæ:' probably the stripped leaves of olive woven into a wreath (Heyne). The reference seems to be to the sacrificial wreath of olive. Comp. A. v 774; VII 750; and especially VI 809, 'Quis procul ille autem ramis insignis olivæ Sacra ferens?'

23. 'Iuvat' may refer either to the poet or to the fancied spectators of these shows. 'Feram' immediately preceding rather makes for the former; for the latter comp. A. II 27. But Virg. may well have intended to include both. 'The time is come: what joy to lead the solemn procession to the temple, and see the bullocks slaughtered!'

24. There shall be stage plays as well as sacrifices and games. Serv. says that Virg. refers to two kinds of 'scaenæ,' 'versilis' and 'ductilis,' the one turning on a pivot and exhibiting different faces ('versis frontibus'), the other parting ('discèdat') to disclose a new scene within. Schlegel, Dram. Lit. Lect. 4, reconciles the two by supposing that the side scenes were 'versiles' and the centre scene was 'ductilis.' In the Greek scene there were two rotatory prisms (περίτροποι) near the side entrances of the 'scaena,' which served for shifting the scene.

25-33. [The following list of conquests in Britain and various parts of the East may have been written, like II 173, while Octavian was restoring order in the East in 30-29. Compiled by an admirer of Octavian before his work was finished, it naturally contains poetical exaggerations and prophecies of conquests never actually effected. The absence of any definite mention of Antony is in keeping with the general absence of personal allusions in the Georgics: it is not due to any special 'reticence' of the Augustan poets with regard to the triumvir, who, indeed, is mentioned A. VIII 685, Prop. IV VIII 56.]

25. The ancient curtain rose instead of falling. Ovid M. III III-113 compares the rising of the warriors from the ground

where Cadmus had sown the serpent's teeth to the rise of the figures embroidered on a stage curtain. 'Tollant,' rise with it, and so appear to draw it up with them. ['Tollent' Pal.—H. N.]

'Britanni' [Octavian meditated an invasion of Britain in 34 (Dio XLIX 38) and in 27 (Dio LIII 22): hence this line; G. I 30; Hor. Epod. VII 7, etc. Mommsen Mon. Ancyr. p. 138.]

26. He recurs to the temple, which is to be ornamented with the exploits of its god. See note on v. 10. 16?

'Foribus:' temples with their doors adorned with appropriate figures in gold and ivory are mentioned by Cic. Verr. Act. II iv 56, and Prop. III xxiii 11. Comp. A. I 454; VI 20. The combination of ivory and gold was common in ancient statuary, the ivory being employed to represent the flesh.

27. 'Gangaridae:' an Indian tribe near the Ganges, see v. 31 and II 173.

'Quirini' may be referred to Augustus, to whom it was proposed to give the title of Romulus or Quirinus. But, looking to the contrast with 'Gangaridum,' it is probably representative of the Roman nation.

28. ['Huic,' Pal. for 'hic.—H. N.] 'Undantem bello,' surging, that is, with warlike feeling: the meaning is explained by 'magnum fluentem.' In the same way the defeated river is said 'ire mollior undis,' A. VIII 727, and 'minores volvere vertices,' Hor. Od. II ix 22. This is more natural than to understand it of fleets on the Nile, as it was not there that the struggle took place. The representation here is probably one of the river, such as those carried in triumphal processions, not, as A. VIII 711, of the river-god.

'Magnum' is not an adverbial neuter, but agrees with 'fluentem.' So 'saxosus sonans' IV 370: comp. A. III 70, and see VIII 559, Bentl. on Hor. S. I vii 28, and Dem. de Cor. p. 272 (§ 136) θρασυομίην και πολλῶν ῥέοντι.

Nilum ac navali surgentis aere columnas.
 addam urbes Asiae domitas pulsumque Niphaten 30
 fidentemque fuga Parthum versisque sagittis,
 et duo rapta manu diverso ex hoste tropaea
 bisque triumphatas utroque ab litore gentis.
 stabunt et Parii lapides, spirantia signa,
 Assaraci proles demissaeque ab Iove gentis 35
 nomina Trosque parens et Troiae Cynthius auctor.
 Invidia infelix Furias amnemque severum
 Cocyti metuet tortosque Ixionis anguis

29. 'Navali surgentis aere columnas,' otherwise called 'columnae rostratae,' and found on the coins of Augustus; [see e.g. Cohen i p. 82. Serv. says 'Augustus victor totius Aegypti quam Caesar pro parte superaverat, multa de navali certamine sustulit rostra, quibus conflatis quattuor effecit columnas, quae postea in Capitolio sunt locatae, quas hodieque conspicimus.' The Senate in B.C. 30 ordered that some of these *rostra* should adorn the chapel of Julius Caesar. —H. N.]

30. 'Niphaten:' a mountain in Armenia, put (as the epithet, routed, shows) for the Armenian hill-men. 'Pulsum' might, however, be used of a river poetically feigned to be driven back to its source (see A. XI 405), and it was prob. from this line and the equally ambiguous 'rigidum Niphaten' of Hor. Od. II ix 20 that later poets and comm. called Niphates a river: see Iuv. VI 405; Lucan III 245; Sil. XIII 765; [Claudian 3 Cons. Hon. 71; Serv. here, etc.]

31-33. [Imitated by Prop. IV viii 53 (III ix), writing of the same events of B.C. 30-29: 'prosequar et currus utroque ab litore ovantes, Parthorum astutae tela remissa fugae.' 'Parthum,' like 'Gangaridum' v. 27, is an exaggeration, for Octavian did not touch Parthia in 30-29, and the standards lost by Crassus and Antony were not recovered till 20. It is not necessary to suppose (with Con. and others) that the line was added in 25 or 20. 'Utroque ab litore' is not clear. Mr. Nettleship referred to the Morini, conquered by Caesar and by Carrinas, and the Dalmatians, conquered by Vatinius in 45 and Octavian in 34. But (1) the wording of the line does not require four victories, and (2) the victories selected

are hardly such as we should expect here. Perhaps vv. 32, 33 mean only 'victories in East and West,' summing up the whole list of conquered lands from v. 25 onwards.]

33. 'Utroque ab litore' is to be taken with 'gentis.' 'Bis triumphatas,' once over each. Some take it, twice apiece: but this will not agree so well with 'duo tropaea.'

34. 'Stabunt,' on separate pedestals or on the pediment. When the deeds of Augustus are commemorated, the mythical glories of his ancestors are also to be introduced. For 'stare' of statues, comp. E. VII 32.

35. 'Assaracus,' son of Tros, from whom Aeneas and the Julian house were sprung.

36. 'Nomina,' the great names. Sil. XVII 492, 'Iamque ardore truci lustrans fortissima quaeque Nomina obit ferro.'

'Troiae Cynthius auctor:' comp. Hor. Od. III iii 65, 'Ter si resurgat murus aeneus Auctore Phoebus.' Apollo is perhaps introduced as the tutelar god and reputed father of Augustus (Keightley).

37. 'Invidia' probably refers to political malcontents, not to the rivals of the poet.

'Severum:' VI 374. Comp. Lucr. V 35, 'pelageque severa,' where 'sonora' seems needless.

38. 'Metuet,' that is, shall be represented as quailing at the tortures of the infernal regions, as inflicted, not on others, but on itself. [Pal. has 'metuens.'—H. N.]

'Tortosque Ixionis anguis' goes closely with the next line. Virg. is the only writer who connects Ixion's punishment with snakes, [but they sometimes appear

immanemque rotam et non exsuperabile saxum.
 interea Dryadum silvas saltusque sequamur 40
 intactos, tua, Maecenas, haud mollia iussa.
 te sine nil altum mens incohat: en age, segnis
 rumpe moras; vocat ingenti clamore Cithaeron
 Taygetique canes domitrixque Epidaurus equorum,
 et vox adsensu nemorum ingeminata remugit. 45
 mox tamen ardentis accingar dicere pugnas
 Caesaris, et nomen fama tot ferre per annos,
 Tithoni prima quot abest ab origine Caesar.
 Seu quis, Olympiacae miratus praemia palmae,

in art, e.g. on a vase painting from Cumae, Baumeister i p. 767. The copyist of Rom. was, however, sufficiently puzzled to substitute 'orbis' from IV 484.]

39. 'Non exsuperabile saxum' is probably on the analogy of 'exsuperare laborem.' Serv. however understands 'exsuperabile' actively, 'quod exsuperare non valet summum montis cacumen.' [The Berne scholia explain it as 'excussum,' 'shaken off his neck.—H. N.] Gell. xvii 2 quotes from the Annals of Q. Claudius the expression 'operam fortem atque exsuperabilem.'

41. 'Intactos': this attribute seems to be dwelt on for two reasons: (1) as denoting the untried nature of the subject (Lucr. I 927, 'integros fontis'), and (2) because it is of pasture-land that he now comes to speak. 'Pursue we the Dryads' woods and glades, virgin as they.'

'Iussa' may = 'pensa,' the thing or subject commanded, in apposition to 'saltus'; or it may be cognate accus. after 'sequamur,' 'saltus' being the ordinary accus. of the object. The union of the two in the same instance does not seem usual in Latin, but is frequent in Greek, e.g. Aesch. Ag. 1419, 1420, *οὐ τοῦτον ἐκ γῆς τῆσδε χοῆν σ' ἀνδρηλατεῖν Μισομάτων ἀποινα*. It seems unnecessary to suppose that Maecenas actually urged him to undertake this part of the subject. No more need be meant than that it forms a necessary part of the work which Maecenas prompted.

42. 'En age' recurs in Sil. III 179 (Forc.). 'En accipe,' E. VI 69. These words are addressed to Maecenas, who is

called upon to plunge with the poet into the subject, as II 39.

43. 'Clamore,' the clamour of the hunt. 'Cithaeron' was supposed to abound in wild beasts, as the stories of Oedipus and Pentheus prove.

44. Spartan dogs are mentioned below, vv. 345, 405. ['Taugeti' Pal.—H. N.] 'Epidaurus' for Argolis, *Ἄργος ἱππόβορον*, though 'domitrix equorum' seems to be a translation of *ἱππόδαμος*.

46. 'Accingar' with the inf. is [like 'instant erueri' A. II 627, etc.; see Roby 1344]. The word is metaphorical, but perhaps used with a sense of its appropriateness in connexion with 'pugnas.' 'I will gird my loins to sing of the battle, as now for the chase.'

48. 'Tithonus' was not one of the mythical ancestors of Caesar; he belonged to another branch of the royal house of Troy; but this may be merely a poetical licence.

The promise here given, or rather repeated, was fulfilled in the composition of the Aeneid; but the manner of its performance was very different from any thing sketched here; indeed the method proposed was exactly reversed in practice, the mythical ancestors of Rome and the Julian family being made the central figures, and Augustus and his exploits only accessory.

49-59. 'In breeding horses or oxen, the great thing is to choose the mother well.' Then follow the points of a good breeding cow.

49. 'Miratus' has in effect the sense of desiring, as in Hor. Ep. I vi 18 (comp. v. 9). Comp. also 'stupet,' Hor. S. I iv 28, and 'inhiant,' II 463.

pascit equos, seu quis fortis ad aratra iuencos, 50
 corpora praecipue matrum legat. optima torvae
 forma bovis, cui turpe caput, cui plurima cervix,
 et crurum tenuis a mento palaria pendent ;
 tum longo nullus lateri modus ; omnia magna,
 pes etiam, et camuris hirtae sub cornibus aures. 55
 nec mihi displiceat maculis insignis et albo,
 aut iuga detractans interdumque aspera cornu
 et faciem tauro propior, quaeque ardua tota,
 et gradiens ima verrit vestigia cauda.

50. It is hard to say whether 'ad aratra' should be taken with 'fortis' or 'pascit.' Instances of both are common, e.g. Prop. II x 3, 'Fortis ad proelia turmas,' and Ter. Andr. I i 30, 'alere canes ad venandum.' But 'fortis aratris' (v. 62) is decidedly in favour of the former. [Pal. has 'pascet.']

51. 'Corpora matrum : ' comp. A. VII 650, 'excepto Laurentis corpore Turni.' The requisites for a cow are given at length by Varro, II 5, and by Col. VI 1 and Pallad. IV 11, who appear to have imitated Varro.

'Torvae,' grim-looking. Col. VI 20, 'Huic (sc. 'tauro') torva facies est.'

52. 'Turpe,' ugly, as in IV 395, 'turpis phocas.' See below on v. 247, and comp. *αλοχρῶς*. The word seems to comprise several characteristics given by Varro (II v 7), 'latis frontibus'—'compressis malis'—'subsimi'—'apertis naribus.'

'Plurima cervix' denotes both thickness and length. Comp. Varro, l. c. 'cervicibus crassis et longis.'

53. 'Palaria,' dewlaps. Col. l. c. 'palaribus amplis et paene ad genua promissis.'

54. The 'oblongae et amplae' of Varro l. c. The more length a cow has, the greater room she will have for her calf to grow in.

55. 'Pes etiam : ' Varro l. c. says, 'pedibus non latis ; ' but Col. and Pallad., speaking of oxen, have 'magnis unguibus,'—speaking of cows, 'ungulis brevibus' or 'modicis.' 'Pes etiam,' put thus emphatically, may be a special contradiction of the opposite view.

'Camuris,' curving inwards. [Fest. p. 43 M 'Camara et camuri boves a curvatione ex Graeco *κάμη* dicuntur,' Macrob. S. VI iv 23 'Camuris peregrinum verbum

est, id est in se redeuntibus. Et forte nos cameram hac ratione figuravimus.' So Serv. here. Philarg. says 'camuri boves sunt qui conversa introrsus cornua habent . . . patuli qui cornua diversa habent : ' comp. again Fest. p. 221.—H. N.] Pallad. IV 11 says, 'cornibus robustis ac sine curvaturae pravitate lunatis.'

'Hirtae aures ; ' so Varro, l. c. 'pilosis auribus.'

56. The first reading of Med., 'tibi,' is plausible. Virg. however seems to express a wish about a thing depending on himself, as elsewhere (v. 435, II 252) about things depending on others.

'Maculis et albo' = 'albis maculis,' as 'pateris et auro' II 192 = 'pateris aureis,' though Mr. Blackburn supposes Virg. to mean white with dark spots. Varro, on the other hand, (II v 8) says, 'colore potissimum nigro, dein robeo, tertio helvo (i. q. gilvo), quarto albo.' Col. again (VI 1), 'coloris robei vel fusci.'

57. 'Detractans' Med.; Gud., 'detractans' Pal., Rom.

'Interdumque aspera cornu' is to be closely connected with 'iuga detractans' as denoting the temper of the animal, and not, as in most editions, to be separated by a semicolon.

'Aspera cornu,' apt to butt angrily.

58. 'Faciem tauro propior,' probably = 'latis frontibus,' Varro II 5. The expression has been already specified by 'torvae.' ['Proprior' Med.—H. N.]

'Ardua tota : ' 'Vaccae quoque probantur altissimae formae longaeque,' Col. VI 21.

59. Comp. Varro l. c. 'Caudam profusam usque ad calces ut habeant.' 'Vestigia' may be [as the sense suggests] the footsteps or the feet, as in A. V 566, 'vestigia primi Alba pedis,' and Catull. LXIV 162.

aetas Lucinam iustosque pati hymenaeos 60
 desinit ante decem, post quattuor incipit annos ;
 cetera nec feturae habilis nec fortis aratris.
 interea, superat gregibus dum laeta iuventas,
 solve mares ; mitte in Venerem pecuaria primus,
 atque aliam ex alia generando suffice prolem. 65
 optima quaeque dies miseris mortalibus aevi
 prima fugit ; subeunt morbi tristisque senectus,
 et labor et durae rapit inclementia mortis.
 semper erunt, quarum mutari corpora malis :
 semper enim refice, ac, ne post amissa requiras, 70
 ante veni, et subolem armento sortire quodannis.
 Nec non et pecori est idem delectus equino.
 tu modo, quos in spem statues summittere gentis,

60-71. 'The age for breeding is between four and ten years. It is best to be early : if the first days are let slip, disease or death may intervene : such is the lot of mortality. Be attentive, and supply fresh breeders as the others fail.'

60. 'Aetas pati' apparently = 'aetas patiendi ;' see I 73, 213.

'Iustos' may be regular and customary, as in 'iustum proelium,' 'iustus exercitus.' But it may also refer to time, the epithet being virtually transferred from 'aetas.' Comp. Varro II v 13, 'Non minores oportet inire bimas, ut trimae pariant ; eo melius si quadrimae. Pleraque pariunt in decem annos, quaedam etiam in plures.'

62. 'Cetera,' sc. 'aetas.' Med. originally had 'aratri.'

63. 'Superat' = 'superest.' Wagn. explains it 'abunde est ;' but v. 66 clearly points to the former meaning. Comp. II 235, etc.

Med. (first reading) has 'iuventus,' which was read before Heins.

64. 'Pecuaria:' properly the places where the 'pecora' are kept ; here, as Pers. III 9, the animals themselves. [Philarg. remarks that 'aestiva' is used in a similar way v. 472 below.—H. N.]

'Primus:' comp. II 408, 'Primus humum fodito, primus devecta cremato Sarmata.'

65. Pal. has 'ex aliis.'

66. Another touch of the pessimism which Virg. probably caught from Lucr. ;

comp. I 198. 'Miseris mortalibus' is from Lucr. V 944.

68. 'Labor,' suffering, as A. VI 277, where 'Letumque Labosque' are among the phantoms at the gates of Hell.

'Rapid,' hurries on, as A. IV 581, 'Idem omnes simul ardor habet, rapiuntque ruitque.'

69. There will always be some that you will be glad to get rid of. 'Quarum corpora' is merely periphrastic, as above, v. 51. Med. gives 'mavis.' ['Mallis' Rom., 'malis' Ribbeck.—H. N.]

70. 'Enim' seems here to be added for emphasis. The words are to be connected with what follows.

'Amissa' probably = 'quae amiseris,' not 'amissa corpora.'

71. 'Subolem,' a supply of young ones. 'Sortire' = 'elige,' as in A. XII 919. ['Quodannis' Ribbeck, Pal. and Rom.—H. N.]

72-94. The choice of stallions.

72. [Con. read 'dilectus,' found in most good MSS. and accepted by Heins. and some later edd. 'Delectus' Ribbeck, Thilo and H. N.]

73. 'Summittere,' E. I 46 note. The antecedent is omitted, because 'quos' is equivalent to 'si quos ;' Madv. § 321.

The prominence given to 'tu' may be expressed in translation, 'Mark me, and let those whom you mean to rear as the propagators of their line have even from their first youth the [advantage of your special pains.'

praecipuum iam inde a teneris inpende laborem.
 continuo pecoris generosi pullus in arvis 75
 altius ingreditur, et mollia crura reponit;
 primus et ire viam et fluvios temptare minacis
 audet et ignoto sese committere ponti,
 nec vanos horret strepitus. illi ardua cervix,
 argutumque caput, brevis alvus, obesaque terga, 80
 luxuriatque toris animosum pectus. honesti
 spadices glaucique, color deterrimus albis
 et gilvo. tum, si qua sonum procul arma dedere,
 stare loco nescit, micat auribus et tremit artus,

74. 'A teneris,' from foals, like 'a pueris,' from boyhood.

75. 'Continuo,' from the first: I 169, 356.

76. 'Altius ingreditur' seems to mean 'steps higher.' Varro (II 7) says, 'cruribus rectis et aequalibus.' Col. (VI 29), 'aequalibus atque altis rectisque cruribus.'

'Mollia crura reponit:' Serv. quotes from Ennius, who is speaking of cranes, 'Perque fabam repunt et mollia crura repouunt.' 'Mollia,' flexible: Lucr. IV 789, 980, 'mollia membra moventis.'

'Reponit:' the meaning is doubtful. Trapp hints that the 're' denotes alternation, a sense which we may perhaps parallel by ὀπλαῖς ἀμειβόμενοι, Pind. Pyth. IV 226. Keightley takes the 're' to mean frequency,—lays fast to the ground. But it is more probably to be explained as correlative to 'altius ingreditur.' 'See how high he steps in the pasture, and with what spring he brings down his legs.'

77-78. 'Primus,' etc.: he leads the herd over the ford and bridge. The same proof of a colt's courage is given by Col. VI 2, and Varro II 7. The bridges meant were probably wooden. Comp. Pliny VIII 169 (speaking of asses) 'nec pontes transeunt per raritatem eorum tralucentibus fluviiis.'

Pal. has 'minantis,' supported by Sen. Ep. 95, and Ribbeck adopts it.

Gud. and the first reading of Med. give 'ponto.'

80. 'Argutum:' this word seems, when applied to form, to mean 'clearly defined,' 'neat.' Comp. 'arguta solea,' Catull. LXVIII 72. 'Argutum caput' is probably the opposite to 'turpe caput.' Varro and Col. recommend a small head; and this smallness is implied in 'argutus,' as largeness is in 'turpis.'

'Obesus' is opposed to 'gracilis.'

81. 'Animosum,' spirited, because muscular. 'Honesti,' from the context, means 'good' rather than 'handsome.'

82. 'Spadices,' bay; as appears from Gell. II 26, who derives it from σπάδιξ, the Doric for a palm, and says that the colour is that of a not too ripe date. ['Nam poeniceus, quem tu Graece φοίνικα dixisti, noster est et rutilus et spadix.' So Serv. and the Berne scholia.—H. N.] A synonym for the word is 'badius' or 'baidius,' βαῖδιος, from βαις, also a palm branch, whence the Italian 'baio,' our 'bay.'

'Glauci,' blue grey (Keightley). [Gell. II 26 says that Virg. might equally well have used 'caerulus.'—H. N.]

'Albis:' Keightley says this remark must be confined to stallions. The distinction taken between 'albus' and 'candidus,' as if the praise of white horses in the classics was confined to the latter, is overthrown by Hor. S. I vii 8, 'equis praecurreret albis.' Serv. mentions a strange notion [found in Philarg. and the Berne scholia, which here evidently depend on Philarg.] 'Multi ita legunt albis et gilvo, ut non album vel gilvum sed abogilvum vituperet; quod falsum est.'

83. 'Gilvo,' dun (Keightley). 'Si qua' for 'si forte,' like 'si quem' for 'sicubi,' A. I 181, and the common use of 'nullus' for 'non' (E. x 12).

84. 'Micat auribus,' he pricks up his ears. Comp. the phrase 'micare digitis.' The instrum. abl. 'auribus' denotes an action, whereas the accusative 'artus' denotes an affection, though the distinction does not hold universally. 'Tremet artus,' from Lucr. III 489.

collectumque premens volvit sub naribus ignem. 85
 densa iuba, et dextro iactata recumbit in armo;
 at duplex agitur per lumbos spina; cavatque
 tellurem et solido graviter sonat ungula cornu.
 talis Amyclaei domitus Pollucis habenis
 Cyllarus, et, quorum Grai meminere poetae, 90
 Martis equi biiuges, et magni currus Achilli:
 talis et ipse iubam cervice effundit equina
 coniugis adventu pernix Saturnus, et altum

85. ['Premens:'] Pal., Rom., Gud., supported by a quotation in Sen. Ep. 95, and so Ribbeck.—H. N. Con. read 'fremens' with Med.]

'Ignem,' the hot breath. The steam seems to have suggested the idea of smoke. Comp. the fable of the horses of Diomedes, 'spirantes naribus ignem' (Lucr. v 29). 'Volvere' is used of breath Lucr. vi 1227, 'vitalis aëris auras Volvere in ore.'

86. 'lactata,' after being tossed up. Böringer, quoted by Schneider on Varro II 7, says that the ancients got up on the right side of the horse, and used the mane to mount with. Comp. Prop. v (iv) iv 38, 'Cui Tatiux dextrax collocat ipse iubax.'

87. 'Duplex spina' appears to be a hollow spine, opposed to 'extans.' Varro l. c., Col. vi 29.

88. Varro and Col. l. c. mention 'durae unguulae' as a good point. A hard and thick hoof would be especially requisite when horses were not shod with iron. Comp. the Homeric *κρατερώνυχες ἵπποι*. Rom. has 'quatit ungula,' from a recollection of A. VIII 596.

89-94. 'Such was the steed that learnt to obey the rein of Amyclaeon Pollux, Cyllarus, and those of which Greek song has preserved the memory, the horses of Mars, and the pair of the mighty Achilles: ay, such was the great god Saturn himself, when quick as lightning he flung his mane over that horse's neck of his, as he heard his wife's step, and, as he ran, thrilled through the height and depth of Pelion with his clear sharp neigh.' These mythological allusions are obviously intended to ennoble the subject; but they tend to injure its genuine character. Propertius has carried the artifice to absurdity.

'Amyclaei,' v. 345.

90. Castor is generally the rider of Cyllarus, and Pollux a boxer. Suidas, however, s. v. *Κύλλαρως*, quotes Stesichorus

as saying that Cyllarus belonged to both. [The Berne scholia, which are here fuller than Serv. and Philarg., say 'Equos autem a Neptuno Iunoni datos Alcman lyricus dicit Cyllarum et Xanthum, quorum Polluci Cyllarum, Xanthum fratri eius concessum esse dictum est.'—H. N.]

91. 'Martis equi:' see II. xv 119. The notion of Serv. that *Δεῖμος* and *Φόβοσ* were the names of the horses rests on a mistranslation; they are the names of the attendants.

'Curus Achilli:' Xanthus and Balius, II. xvi 148. 'Curus' for 'equi:' comp. I 514.

'Achilli.' The orthography fluctuates between 'Achilli' or 'Achillei' (so Pal.) and 'Achillis.' I have followed Wagn., as a reference to A. I 30, II 476, seems to show that he is right in deciding the question in each case by euphony.

92. 'Iubam effundit,' in flight, as is shown by 'pernix' and 'fugiens.' ['Effundit' has overwhelming authority as against 'effudit,' which Forb., however, still retains. No doubt the perf. which follows, 'implevit,' is a difficulty in the way of reading 'effundit.' But see Conington on Persius IV 2, who quotes Hor. S. II iii 277, 'Marius cum praecipitat se, Cerritus fuit?'] The present resembles that in Pers. l. c. 'sorbitio tollit quem dira cicutae,' and is apparently intended to express the fact that the story or history continues to be well known. Comp. also A. VIII 294 'tu Cresia mactas Prodigia,' and IX 265 note.—H. N.]

93. 'Coniugis,' Rhea, or Ops, to hide from whom his amour with the nymph Philyra Saturn changed himself into a horse and the nymph into a mare. The idea is taken from Apoll. R. II 1234, where Saturn is described galloping off on being surprised with the nymph by Rhea.

Pelion hinnitu fugiens implevit acuto.

Hunc quoque, ubi aut morbo gravis aut iam senior
annis

95

deficit, abde domo, nec turpi ignosce senectae :
frigidus in Venerem senior frustra que laborem
ingratum trahit ; et, si quando ad proelia ventum est,
ut quondam in stipulis magnus sine viribus ignis,
in cassum furit. ergo animos aevumque notabis 100
praecipue ; hinc alias artis prolemque parentum,
et quis cuique dolor victo, quae gloria palmae.
nonne vides, cum praecipiti certamine campum

95-122. 'The first thing is to see that they are young and vigorous, then to inquire into their peculiar qualities and antecedents, their successes and defeats, and how they have borne them ; for you have only to look at a race to see how thoroughly a spirited horse enters into the contest. Whether for driving or riding, I repeat, youth and vigour are what you have mainly to look to.'

95. 'Hunc quoque,' even this perfect horse.

96. ['Defecit,' i.e. 'deficit,' Med. originally, and so formerly Ribbeck.—H. N.]

'Abde domo' has been taken by Heyne and others to mean 'remove him from home, 'send him off.' It more probably means 'take him up,' 'leave him no longer out with the mares.' The Latin will bear either, 'domo' being in the former case ablative, in the latter probably dative, and equivalent to 'in domum.' [For the dat. compare A. II 553 'lateri abdidit ensem,' etc.] Nemesianus Cyneg. 141 has 'abdaturque domo' for 'be sent away from home,' but his authority is of less weight than the analogy of Hor.'s 'abditus agro,' Ep. I i 5, where, as Keightley remarks, the mention of the horse immediately after looks like a reference to the present passage. [Serv. says 'domo' is for 'in domo' and is equivalent to 'domi.']

There is some doubt about the meaning of 'nec turpi ignosce senectae.' Serv., who has been generally followed, proposes to take 'nec turpi' as 'et non turpi.' It seems better to take his other way, 'nec ignosce turpi senectae,' 'suffer him not to disgrace himself in his old age.'

'Turpis' seems to be equivalent to

ἀσχήμων. Ladewig comp. Sil. xv 651, 'turpi finem donate senectae.'

98. 'Ingratum,' fruitless. Comp. I 83, 'nec nulla interea est inaratae gratia terrae.' 'Proelia' of course is to be explained from the context.

99. 'Sine viribus,' because the straw is its only fuel. Med. originally and Gud. omit 'in ;' Rom. has 'stipula.'

100. The emphatic word is 'aevum.' You must first see that he is young and vigorous.

101. 'Hinc,' afterwards, that is, not till you have looked to the age. 'Artis,' qualities. [Pal. has 'partis.—H. N.]

'Prolem parentum,' the breed of his sire and dam ; comp. Col. VII vi 7, 'Parit autem, si generosa est proles, duos.'

102. 'Cuique,' in each case, whenever you choose a horse to breed from. These lines may be taken in a different way, 'prolem parentum' being understood as the other offspring of his sire and dam, and 'cuique' as each member of this offspring, into whose racing qualities the breeder is to inquire. The words 'quis dolor, quae gloria' denote a two-fold inquiry ; what have been his victories and defeats, and what spirit has he shown in each. On the latter the poet proceeds to expatiate.

103-112. 'Nonne vides,' see I 56. The description is imitated from Il. XXIII 362-372. I would offer the following translation : 'Who has not watched the headlong speed of a race, the chariots swallowing the ground before them as they pour along in a torrent from their flood-gates, when the drivers' youthful hopes are at their height, and the bounding heart is drained by each eager pulsation? there are they

corripuere ruuntque effusi carcere currus,
 cum spes arrectae iuvenum, exultantiaque haurit 105
 corda pavor pulsans? illi instant verbere torto
 et proni dant lora; volat vi fervidus axis;
 iamque humiles, iamque elati sublime videntur
 aera per vacuum ferri, atque adsurgere in auras;
 nec mora, nec requies; at fulvae nimbus harenae 110
 tollitur; umescunt spumis flatuque sequentum:

with their ever ready lash circling in the air, bending forward to let the reins go: on flies the wheel, swift and hot as fire: now they ride low, now they seem to tower aloft, shooting through the void air and rising against the sky: no stint, no stay, while the yellow sand mounts up in a cloud, and each is sprinkled with the foam and breath of those behind him: that is what ambition can do; that is the measure of their zeal for success.'

104. 'Campum corripuere:' have started. 'Corripio' in this and similar expressions seems to express the sudden hold laid on that over which progress is made, the 'vorare viam' of Catullus.

'Effusi carcere:' see I 512.

105. 'Spes arrectae,' a poetical variety for 'animi arrecti spe.' So A. v 138, which is a partial repetition of this passage, 'laudumque arrecta cupido.'

'Iuvenum,' the drivers, the word being of course chosen to bring out the enthusiasm of youthful hopes.

'Haurit' seems rightly explained by Heyne, 'exhausts the heart by stopping the breath.' Those who think this too recondite may compare with Serv. A. x 314, 'latus haurit apertum,' the notion in each case being that of rapidly devouring, so that here they may render, 'thrills through and through.' 'Pulsans,' as well as 'haurit,' may go with 'corda.' Virg. borrowed the expression from Il. xxiii 370, where however *πάτασσι* is intrans.

106. 'Illi instant:' the apodosis seems to begin here. Strictly speaking, however, the words commence a new sentence, there being no grammatical connexion with 'nonne vides.' We have had a similar instance in I 187-189, 'Contemplator item . . . si superant fetus.'

'Instant' seems to include the notion of 'insistent rotis' (v. 114) as well as that of keeping up the speed, and being always ready to put in the whip.

'Verbere torto' is best taken as the ablat. instrum. not as dat. for 'verberii.' Comp. A. viii 250, x 691, the latter of which passages proves the use of the ablat., as the dat. of the person occurs in the same sentence. 'Verbere' = 'flagello.' 'Torto,' 'circling,' not 'twisted.' Comp. I 309, 'Stuppea torquentem Balearis verbera fundae,' where 'verb.' also = thongs.

107. The reins were passed round the body of the driver, so that he naturally leant forward when at full speed. 'Axis:' this was a very conspicuous part of the ancient chariot, because the car was so small and light. 'Vi' is to be taken with 'volat;' not, as Wakef. thought, with 'fervidus.'

108, 109. Homer (Il. xxiii 368 foll.) has
 Ἄρματα δ' ἄλλοτε μὲν χθονὶ πλινυτο πούλυ-
 βοτείρῳ,

Ἄλλοτε δ' αἴετασε μετήρορα τοὶ δ' ἰλαγῆρες
 Ἔστασαν ἐν δίφροισι, πάτασσε δὲ θυμὸς
 ἑκάστου.

so that Virg. refers to the bounding of the cars and the corresponding rising and sinking of the charioteers, not to any motion of the charioteers themselves.

109. The words 'sublime—auras' are a case of *zeugma*, being connected grammatically with both 'humiles' and 'elati,' though in sense with 'elati' only. 'Sublime' may be taken with either 'elati' or 'ferri.'

'Vacuum' has nearly the same meaning, denoting a certain height above the ground. Comp. Hor. Od. I iii 34, 'expertus vacuum Daedalus aera,' Pind. Ol. I 10, *ἐρήμας δι' αἰθέρος*: also A. v 515, XII 592. [Rom. has 'exsurgere.'—H. N.]

110. 'At' is continuative, not adversative.

111. Comp. Il. xxiii 380 and Soph. El. 718, which passages show that this of Virg.'s is literal, not rhetorical.

tantus amor laudum, tantae est victoria curae.
 primus Erichthonius currus et quattuor ausus
 iungere equos, rapidusque rotis insistere victor.
 frena Pelethronii Lapithae gyrosque dedere 115
 impositi dorso, atque equitem docuere sub armis
 insultare solo, et gressus glomerare superbos.
 aequus uterque labor; aequae iuvenemque magistri
 exquirunt calidumque animis et cursibus acrem,

112. This connects the preceding description, rather inartificially, with v. 102, from which the poet digressed, forming as it were a sort of object-clause for 'nonne vides.' 'This will show you what ambition can do.' With the language comp. 1 147.

113. Pliny VII 202 says the same, 'Bigas primum iunxit Phrygum natio, quadrigas Erichthonius.' Cic. N. D. III 23 says that the Arcadians attributed the four-horse car to a Minerva, daughter of Jupiter and Coryphe, whom they worshipped under the name of Coria. Erichthonius was turned into the constellation Auriga.

'Currus et quattuor iungere equos' = 'curru quattuor iungere equos': 'he first thought of putting together the two, the car and the four horses,' as if they had before existed separately.

114. 'Insistere' refers to the practice of standing upright in the car, and is perhaps intended to be contrasted with 'rapidus' (comp. Hom. cited on vv. 108, 109).

'Victor' either of conquest in battle or a race, or merely of success in his invention. 'Erichthonius was the first who rose to the feat of coupling a car and four horses together, standing erect above the wheels that swept him on in triumph.'

115. 'Pelethronii,' from the Pelethronian wood on Mount Pelion.

'Gyros,' the ring for breaking horses in. Comp. Pseudo-Tibull. IV i 91, 'equum . . . Inque vicem modo directo contendere cursu, Seu libeat curvo brevis compellere gyro.' Hence the frequent use of 'gyrus' metaphorically for a narrow space, as Prop. IV iii 21, 'Cur tua praescriptos evecta est pagina gyros?' The Greek name was κύκλος; Pollux has κυκλοτερής ἵππασία for riding in the ring. Virg., as Keightley thinks, instead of rationalizing the fable of the Centaurs, attributes the introduction of riding horses to their rivals the Lapithae.

'Dedere' seems better explained by regarding the inventor as the giver (comp. 'vestro munere' 1 7) than by understanding 'dare' as 'edere.'

116, 117. 'Sub armis' = 'armatum.' 'Equitem.' [An old gloss preserved in Non. pp. 106, 295, Gell. XVII 5, Macrob. Sat. VI 9, Philarg., Serv. and the Berne scholia here] gave 'equitem' the sense of 'equum,' on the strength of a doubtful passage in Ennius (A. VII fr. 9), an anomaly which, if justified, would only produce a platitude. Here, as in Hor. Epod. XVI 12, 'Eques sonante verberabit ungula,' the rider is said to do what the horse does. So 'sub armis' points to the weight on the horse.

'Glomerare.' It is difficult to fix the exact meaning of 'glomerare.' From the epithet 'superbos' it seems to denote the gathering up of the legs in prancing or high action, not, as might otherwise be suggested, wheeling round in the ring. [Comp. Sil. III 336 'inconcusso glomerat vestigia dorso; Plin. VIII 166 'mollis alterno crurum explicatu glomeratio.'—H. N.]

118, 119. In v. 102 it was said that, after the age, the racing qualities of the stallion should be looked to; this led to a digression on racing. We now return to the original point, that youth and vigour are indispensable ('iuvenem calidumque animis' answer to 'animos aevumque').

'Labor,' the difficulty of providing a good stallion (which is throughout the uppermost notion in the poet's mind), is the same in both cases, whether you wish to breed racers or chargers. Comp. II 412, 'Durus uterque labor;' where, as here, the meaning of 'labor' is implied rather than expressed by the immediate context. 'Aequae' with what follows explains 'aequus.' 'Calidum animis et cursibus acrem' are the signs of youth and undiminished vigour, and therefore

quamvis saepe fuga versos ille egerit hostis, 120
 et patriam Epirum referat, fortisque Mycenae,
 Neptuniquae ipsa deducat origine gentem.

His animadversis instant sub tempore, et omnis
 impendunt curas denso distendere pingui,
 quem legere ducem et pecori dixere maritum; 125
 florentisque secant herbas, fluviosque ministrant
 farraque, ne blando nequeat superesse labori,

it is in point to mention them in the case of a stallion, whereas it would be a truism in the case of a racer.

The whole passage may be paraphrased: 'It is equally difficult to breed chargers and racers, and in either case the breeder requires a young and fresh stallion, and must not take an old and worn out one, even though in the one case he may have been a capital charger (v. 120), or in the other may be of the highest racing breed of Greece.' But the brevity of Virg.'s language, and his tendency to substitute poetical ornament for regular logical sequence, render the passage obscure, and it is possible that Voss may be right in referring 'labor' to the training for driving and riding, the toil however being that of the horse-breaker, not of the horse. In that case the connexion will be, 'as the two objects are equally important, and equally difficult of attainment, it is of equal moment to attend to breeding for each.' To understand 'uterque labor' with Heyne of breeding and driving or riding seems out of the question: nor can Wagn. be right in referring 'aeque' to 'que—que,' 'aeque iuvenem ac calidum et acrem.'

120-122. These lines apparently refer to v. 102, reminding the reader that such considerations are to be attended to only in the second place. There is some carelessness in the use of 'ille' v. 120, which is introduced so as to leave it doubtful whether Virg. meant to say 'they look to the youth of a horse first, whatever may have been his past services,' or 'they look for a young horse, though the other candidate for their choice may have been distinguished in past times.' Probably there is a confusion between the two. A friend of Warton's, who observed this, wished to place the lines after v. 96, and so Ribbeck, following a recent tract by Tittler, [and Forb. in his last edition.—H. N.]

121, 122. 'Epirum,' comp. I 59. 'Mycenae' for 'Ἄργος ἰπποβόρον.' Here, as elsewhere, 'que' stands where we might expect 've,' the various kinds of breeds being looked upon as following under one head.

'Neptuni:' see on I 12. For 'gentem' Rom. has 'nomen,' perhaps, as Wagn. suggests, from A. x 618.

123-137. 'After choosing a stallion, get him into good condition: mares, on the other hand, sometimes require to be kept thin by denial of food and severe exercise.'

123. 'His animadversis,' i.e. 'moribus et aetate deprehensis,' Serv. Pal. has 'animum adversis,' which Ribbeck adopts, as also in II 259, where the testimony of Pal. is less explicit.

124. 'Denso,' firm, as the flesh of a horse should be when in high condition. Pliny (XI 212) distinguishes 'pingue' from 'adepts.'

125. 'Pecori' is to be taken with 'ducem' and 'maritum.' Pal. has 'pecoris—magistrum,' perhaps from E. III 101.

126. 'Florentis' is not, as Wagn. thinks, an ornamental epithet, but indicates the kind of herbage spoken of, e.g. vetches ('ervum,' Col. VI 27) or clover.

'Florentis' is the reading of all Ribbeck's MSS. Others, with Serv., have 'pubentes,' which may have been introduced from A. IV 514; it does not seem especially appropriate here.

'Secant' and 'ministrant' imply that the stallion or bull is kept up. 'Fluvios' for 'aquas fluviales.' Comp. A. II 686, 'sanctos restinguere fontibus ignis.'

127. 'Superesse labori' is explained by Gell. I 22, who quotes this passage, 'supra laborem esse, neque opprimi a labore.' Thus we may comp. 'superesse dolori' Ov. M. XI 703.

['Nequeant' Pal., 'nequeans' Med. originally.—H. N.]

invalidique patrum referant ieiunia nati.
 ipsa autem macie tenuant armenta volentes,
 atque, ubi concubitus primos iam nota voluptas 130
 sollicitat, frondesque negant et fontibus arcent.
 saepe etiam cursu quatiunt et sole fatigant,
 cum graviter tunsis gemit area frugibus, et cum
 surgentem ad Zephyrum paleae iactantur inanes.
 hoc faciunt, nimio ne luxu obtunsior usus 135
 sit genitali arvo et sulcos oblimet inertis,
 sed rapiat sitiens Venerem interiusque recondat.

Rursus cura patrum cadere, et succedere matrum
 incipit. exactis gravidæ cum mensibus errant,
 non illas gravibus quisquam iuga ducere plaustris, 140
 non saltu superare viam sit passus et acri
 carpere prata fuga fluviosque innare rapacis.
 saltibus in vacuis pascunt et plena secundum

129. 'Ipsa armenta,' the herd itself as distinguished from its 'dux' and 'maritus'; that is, the mares.

132. 'Gallop and sweat them.'

133. Comp. I 298. Col. II 21 (22) mentions the west wind as the best for winnowing. It seems hard to disconnect 'sole fatigant' from 'cursu quatiunt,' and refer it to the cows, with Trapp and Keightley, as if the recommendation were to exercise them in threshing. On the other hand, mares are put to horse in spring, long before corn is cut and threshed, so that this description of hot weather as the time for cutting and threshing the corn must be considered as inappropriate. Mr. Blackburn however contends that corn, though cut in summer or autumn, may be threshed at any time, e.g. in the spring.

'Gemit' suggests the notion that the threshing-floor cries out under the 'tritura.'

138-156. 'After conception the dams require attention rather than the sires. They should be kept from work and violent exercise, and allowed to graze in the shade near water, and this in the morning and evening, rather than at midday, for fear of the gadfly.' Virg. seems gradually to be sliding from the subject of horses to that of oxen, v. 140 referring rather to cows, vv. 141, 142 to mares. The mention of the gadfly ap-

pears to make the final transition, and accordingly in the next paragraph we hear exclusively about calving.

138. No exact parallel for this use of 'cadere' is given. 'Cadere' and 'succedere' may possibly be a metaphor from the setting and rising of stars.

140. Varro (II vii 10) cautions his breeder against working his mares too much when they are near foaling. 'Non' for 'ne,' I 456.

'Plaustris' seems to be ablative, as if it had been 'iuga gravium plaustrorum,' not, as Keightley thinks, the dative.

141. It is hard to fix the exact sense of 'saltu superare viam'; it is probably to be coupled with what follows, and taken as clearing, i.e. leaping out of, the road, ['quod solet fieri cum pascunt pedibus impeditis,' say Serv. and the Berne scholia.—H. N.]

142. 'Fluviosque rapacis:' from Lucr. I 17; Virg. seems to have had his eye on the whole of that passage. 'Rapacis' is not without point, because the mares would have to struggle to avoid being carried away by the stream.

143. 'Pascunt:' a late corr. in Med., Gud. corr., and others give 'pascant,' which Heyne retained. Wakef. rightly denies the Latinity of the subj. here, as 'pascant' could hardly be understood except of the herds, and this use of 'pascere' for 'pasci' appears to rest only on

flumina, muscus ubi et viridissima gramine ripa,
 speluncaeque tegant, et saxea procubet umbra. 145
 est lucos Silari circa ilicibusque virentem
 plurimus Alburnum volitans, cui nomen asilo
 Romanum est, oestrum Grai vertere vocantes,
 asper, acerba sonans, quo tota exterrita silvis
 diffugiunt armenta; furit mugitibus aether 150
 concussus silvaeque et sicci ripa Tanagri.
 hoc quondam monstro horribilis exercuit iras
 Inachiae Iuno pestem meditata iuvencae.
 hunc quoque, nam mediis fervoribus acrior instat,
 arcebis gravido pecori, armentaue pasces 155
 sole recens orto aut noctem ducentibus astris.

Tibull. II v 25. The participle 'pascens' in such places as E. III 96 may be from the deponent.

'Vacuis,' where they will be undisturbed.

'Plena,' says Serv., that they may not have to stoop: rather, to scramble down the steep bank of a torrent. The whole picture is a contrast to that in the preceding line.

144. Where (there is) moss, and where the bank is greenest with grass; 'viridissima gramine' being the predicate. Med. a m. pr. has 'gramina ripae.'

145. Philarg. says that 'saxea umbra' and 'procubet' are used 'nove.' 'Procubo' only occurs again in Claudian, Cons. Prob. et Olyb. 119, and there in the sense of lying down.

The conjunctives depend on 'ubi.' [Med. had 'protegit' originally, corrected early into 'protegat' and 'procubet.'—H. N.]

147. 'Volitans:' the participle is used substantively. This usage is more common in the plural, as II 152, etc., except in the case of a fairly naturalized noun like 'amans.'

Besides 'asilus' the Romans called the gadfly 'tabanus,' Pliny XI 100. The Greeks had another name, *μύμψ*.

148. Strictly speaking, 'vertere vocantes' would imply that the Greeks translated the Roman name. But Virg. means no more than that they gave the thing a name in their own language. [Philarg. and the Berne scholia quote from Nigidius Figulus De Animalibus

'Asilus est musca varia tabanus, bubus maxime nocens. Hic apud Graecos prius myops vocabatur: postea magnitudine incommodi oestrum appellarunt.'—H. N.]

149. 'Asper, acerba tuens,' Lucr. v 34. Comp. A. IX 794. In what follows Virg. had his eye on Od. XXII 299 foll.

150. 'Furit mugitibus aether concussus' is like *δορστρακροσ αιθηρ εντραυιεραι*, Aesch. Theb. 155 (Wund.). 'The air is stunned and maddened with their bellowings, the air and the woodland and the banks of Tanager which runs dry in the sun.' [The Vatican fragm. has 'fugit' for 'furit.'—H. N.]

151. 'Sicci' adds a touch to the picture, heightening the misery of the cattle.

152. 'Monstro,' I 185. 'Exercuit iras' like 'viris exercet,' v. 229. In IV 453 the expression is varied, 'Non te nullius exercent numinis irae.'

154. 'Quoque' refers back to the other precautions already recommended in the case of the pregnant dams vv. 140 foll.

'Mediis fervoribus,' like 'aestibus mediis,' v. 331, of the noonday heat, as the context shows.

155. 'Arcebis pecori' like 'pecori defendite,' E. VII 47. The future is virtually an imperative; see E. X 31, G. I 167. A late corr. in Med. thrusts in 'que' after 'pecori' to support the verse, as elsewhere, e. g. II 144.

['Pascis' fragm. Vat.—H. N.]

156. The stars are said to usher in the night, because they are seen before the night has closed in.

Post partum cura in vitulos traducitur omnis ;
 continuoque notas et nomina gentis inurunt,
 et quos aut pecori malint summittere habendo
 aut aris servare sacros aut scindere terram 160
 et campum horrentem fractis invertere glaebis.
 cetera pascuntur viridis armenta per herbas :
 tu quos ad studium atque usum formabis agrestem,
 iam vitulos hortare, viamque insiste domandi,
 dum faciles animi iuvenum, dum mobilis aetas : 165
 ac primum laxos tenui de vimine circlos
 cervici subnecte ; dehinc, ubi libera colla
 servitio adsuerint, ipsis e torquibus aptos

157-178. 'After calving, think mainly of the calves. Separate them according to the destination of each, and treat them with a view to it. Those which are not meant for labour may be left to graze ; those which are, should be trained early, practised to bear the yoke and draw vehicles. Before they are broken in, they will want corn as well as ordinary fodder. Young calves should have all their mothers' milk.'

157. 'Traducitur,' from the mothers, as before from the fathers.

158. 'Notas et nomina,' a hendiadys, recurring A. III 444. 'Nomina gentis' would naturally mean that the marks are intended to distinguish the breed ; but we may doubt with Keightley whether such was really the practice. Perhaps Virg. confounds the breed with the property of the breeder, meaning no more than that the cattle are branded that it may be known whose they are. For branding see I 263.

159. A verb must be supplied from 'inurunt,' with the sense of distinguishing or setting apart. We need not suppose that they were actually branded according to the purposes for which they were designed.

'Pecori habendo,' I 3.

160. The construction is changed, 'quos' being the object of 'servare,' the subject of 'scindere.' Varro (II 5) says of the finest cattle 'ad victimas farciunt atque ad deorum servant supplicia.'

161. 'Horrentem' doubtless expresses the rough appearance of the upturned ridges, elsewhere called 'terga,' just as it is applied to a hog's back, A. I 634.

162. Martyn appears right in referring this line, [the genuineness of which Ribbeck, Proleg. p. 51, suspects,] to what follows. Such cattle as were intended for breeding or for killing would be left to graze, as their only object would be to get fat : but those which were required for labour would have to be taken in hand. Heyne objects that the next line, in that case, would be more naturally introduced by an adversative particle : see however A. IX 224-226. Perhaps it may be said that 'tu' here is quasi-adversative, standing in illogical opposition to 'cetera.'

163. Here and in the two following lines he borrows language from the education of youth.

164. ['Iam' goes with 'vitulos.']

166. Similar precepts are given by Varro I 20 ; Col. VI 2. The gradations of training here specified seem to be (1) accustoming the calf's neck to a collar ; (2) teaching it to step together with another ; (3) teaching two to draw a light weight ; (4) a heavy one.

'Circlos' (Rom., Serv. and Nonius p. 340) occurs in Accius (tr. 100) : comp. 'vinclum,' etc. 'Circos : ' Pal., Vat. fragm., Gud. margin, etc. Med. has 'criclos.'

167. 'Dehinc,' dissyllabic as A. v 722, Hor. A. P. 144, etc.

168. 'Torques' are the same as 'circuli ;' 'ipsis' virtually = 'isdem,' as Wagn. remarks. Perhaps there may be an implied prohibition of a custom which, as Col. VI 2 tells us, was justly reprobated by most writers on agriculture, of yoking bullocks together by the horns. [Mr. Nettleship (Contrib. to Latin Lex.

iunge pares, et coge gradum conferre iuvencos;
 atque illis iam saepe rotae ducantur inanes 170
 per terram, et summo vestigia pulvere signent;
 post valido nitens sub pondere faginus axis
 instrepat, et iunctos temo trahat aereus orbis.
 interea pubi indomitae non gramina tantum,
 nec vescas salicum frondes ulvamque palustrem, 175
 sed frumenta manu carpes sata; nec tibi fetae,
 more patrum, nivea implebunt vulgaria vaccae,
 sed tota in dulces consument ubera natos.
 Sin ad bella magis studium turmasque ferocis,

p. 601) suggests doubtfully that 'torquis' may = 'yoke.' The other exx. of this sense are very late.]

'Aptus' = 'aptatus,' A. IV 482, etc.

169. The practice of teaching calves to step together may still be seen in the south of France (Keightley). 'Pares' may mean not only that two were to be yoked together, but that they were to be of equal strength, that being a point insisted on by Varro and Columella in the case of actual draught.

['Iuvenis' Med. originally.]

170. 'Inanes rotae' may be either an empty cart, or, as Mr. Blackburn thinks, wheels without a body. Varro and Col. give the same direction, the latter recommending that they should begin with a branch of a tree, to which a weight should next be attached.

171. 'Vestigia,' the ruts of the wheels.

172. Il. v 838, *μῆγα δ' ἔβραχε φήγινοσ ἀξῶν Βριθοσίνη.*

173. 'Iunctos,' to the pole, which was formerly plated with copper ('aereus'), afterwards with iron.

174. 'Interea:' calves were broken in when they were three years old. Virg. probably means now to speak of their treatment previously, though the want of precision in his language leaves his intention uncertain.

'Fetae,' v. 176, points to a still earlier stage, before the calves are weaned. Thus the order of time is exactly reversed.

'Gramina' either (1) means hay (or perhaps grass cut green), or (2) is to be understood as joined by zeugma to 'carpes,' the meaning being that, besides grazing, they are to have corn gathered for them.

175. ['Vescas,' small (so Verrius Flac-

cus, see p. lv). The word is (1) sometimes active, nibbling, as Lucr. I 326 'vesco sale saxa peresa,' (2) sometimes passive, nibbled at, i.e. weak or small. For the latter sense compare IV 131, Afranius 'vescis imbecillus viribus,' Ovid F. III 446, etc., and 'vesculus,' explained by Paulus 'male curatus et gracilis.')

'Ulvam,' E. VIII 27. Fée (quoted by Keightley) distinguishes 'ulva palustris' from ordinary 'ulva,' making the former the 'festuca fluitans,' the latter the 'scirpus lacustris' of Linnaeus. Rom. has 'silvam.'

176. Serv. understands 'frumenta sata' of the 'farrago,' mentioned v. 205. But it evidently means growing corn. Varro's precept is (II 5) 'Semestribus vitulis obiciunt furfures triticeos, et farinam hordeaceam, et teneram herbam.' ['Set' Med., 'sed' fragm. Vat., Pal., and Rom. In v. 178 Med. and fragm. Vat. have 'set.'—H. N.]

177. The same advice is given by Varro II 2, Col. VII 4, the former intimating that different customs prevailed; see E. III 6. 'More patrum,' A. XI 186.

['Mulgaria:' so Philargyrius; Nonius p. 312; Isid. Orig. XX vi 7 'mulgarium, vas in quod mulgenter pecora: idem et mulctrum.' 'Mulctaria' MSS.; the form occurs nowhere else. Serv. mentions both forms, and quotes 'mulgaria' from Valgus.—H. N.]

178. 'Consumit in natos,' Prop. v (IV) vi 55, 'pondus pharetrae consumit in arcus;' Auct. ad Herenn. I 3, 'Inventio in sex partis orationis consumitur.' Med. (first reading) and one of Ribbeck's cursives have 'consumant.'

179-208. 'Foals intended for chargers

aut Alphae rotis praelabi flumina Pisae, 180
 et Iovis in luco currus agitare volantis :
 primus equi labor est, animos atque arma videre
 bellantum lituosque pati tractuque gementem
 ferre rotam et stabulo frenos audire sonantis ;
 tum magis atque magis blandis gaudere magistri 185
 laudibus et plausae sonitum cervicis amare.
 atque haec iam primo depulsus ab ubere matris
 audeat, inque vicem det mollibus ora capistris
 invalidus etiamque tremens, etiam inscius aevi.

or racers should be accustomed from the first to the sights and sounds of their future life. When their third year is past they may be practised in the ring, and afterwards put to full speed. When broken, they should be fed well : before, they are apt to be restif.

179. 'Studium ad bella,' go together. This seems the only natural construction, and is supported by the context, 'praelabi' and 'agitare' both referring to the breeder's aim for himself. Virg., as Wund. remarks, doubtless thought of such phrases as 'studium conferre ad aliquid.' 'Studere in aliquid' is also found. Heyne understood 'formare' from v. 163, but Wund. justly complains of the unauthorized ellipse.

180. Virg., writing from the inspiration of his Greek models, talks of the Olympic chariot races rather than of those of the circus.

181. 'Iovis in luco,' the Altis, where the race-course was. *Πρόεσται δ' ἄλλοις ἀγρελαίων ἐν ᾧ τὸ στάδιον*, Strabo VII 353. Vat. has 'volentis.'

182. 'Primus equi labor,' the first part of a horse's training.

183. 'Gementem' is emphatic ; it is the noise of the wheels that a foal is to be taught to bear.

184. Varro II vii 12, 'eademque causa ibi frenos suspendendum, ut eculi consuescant et videre eorum faciem et e motu audire crepitus.' The sound is not merely the jingling of bridles, but of bells which were frequently attached to them.

185. 'Tum' seems to come under 'primus labor,' not to be distinguished from it.

'Blandis,' caressing, as v. 496, E. IV 23.

'Magistri' might refer specially to the

trainer (comp. Hor. Ep. I ii 64) as distinct from the breeder, v. 118 ; but there is hardly evidence that Virg. meant to discriminate them.

186. 'Manibusque lacessunt Pectora plausa cavis,' A. XII 85, Gr. *παραγγίζουσιν*.

187. Philarg., followed by Wakef., makes 'primo' adverbial, but it is evidently an epithet of 'ubere,' though the sense intended is that of 'primum.'

188. 'Audeat : ' Med. originally, Pal., fragm. Vat. 'Audiat' (Med. corr., Rom.) was the vulgate before Heinsius. Ladewig needlessly conj. 'gaudeat.' The sense is that natural timidity should be overcome and courage developed.

'Inque vicem : ' these experiments on his courage are to alternate with wearing the halter (Wagn.). So Trapp, 'now and then.'

'Capistra' were made of osiers, whence 'mollibus.'

189. 'Etiam' = 'adhec,' A. VI 485 ; perhaps A. II 291 [and often in Latin before Virgil]. Heins. read 'et iam,' from a mistake in Charis. p. 239, where the line is quoted. Med. has 'iam iamque' as a late correction for 'etiamque,' and originally had 'atque' for the second 'etiam.' [Bentley conj. 'et iamque' and 'et iam.']

'Inscius aevi' might be taken as = 'inscii aevi' (which seems to be Martyn's view, 'of tender years'), like 'integer aevi' A. II 638, IX 255, 'aevi maturus' v 73. But 'venturi inscius aevi,' A. VIII 627, is in favour of making 'aevi' the objective gen. A question still remains whether the sense is 'unconscious of his powers' (Heyne), or 'ignorant of life,' which would agree equally well with the context. Virg. may have contemplated both senses.

at tribus exactis ubi quarta acceperit aestas, 190
 carpere mox gyrum incipiat gradibusque sonare
 compositis, sinuetque alterna volumina crurum,
 sitque laboranti similis; tum cursibus auras,
 tum vocet, ac per aperta volans, ceu liber habenis,
 aequora vix summa vestigia ponat harena; 195
 qualis Hyperboreis Aquilo cum densus ab oris
 incubuit, Scythiaequae hiemes atque arida differt

190. Varro II vii and Col. VI 29 prescribe that a horse should be broken in for racing when he has completed his third year.

'Aestas,' the reading of all the best MSS. (except Med. and fragm. Aug.), was restored by Heins. for 'aetas,' the use of which for 'annus' is doubtful. See A. I 267, 756, etc.

['Acceperit:' so Med. corr., Pal., Rom., Vat. fragm., accepted by Wagner and Ribbeck. Med. originally had 'accesserit,' and so Con.; it would mean the same, but has less authority. The Berne scholia mention both.—H. N.]

191. 'Gyrum:' v. 115. 'Carpere gyrum,' like 'carpere campum.' The horse is to be taught his paces. 'Sonare' is not merely ornamental, as the ring of the hoof was esteemed a mark of its soundness. Germ. quotes Xenophon de Re Equestri c. 1, *καὶ τῷ ψόφῳ δὲ φησι Σίμων δῆλους εἶναι τοὺς εὐποδας, καλῶς λέγων. ὡσπερ γὰρ κύμβαλον ψοφεῖ πρὸς τῷ δαπέδῳ ἢ κοίλῃ ὀπλή.*

192. 'Sinuet' etc. addresses the eye as 'sonare' the ear. [Bending his supple legs alternately.—H. N.]

193. 'Laboranti similis:' he is not to follow his own bent, but to be trained. So Hor. Od. II iii 11, 'obliquo laborat Lympha fugax trepidare rivo,' the stream being forced to bend, like the horse here in the ring. 'Anhelanti similis' A. v 234; 'indignanti similem similemque miant,' VIII 649.

'Cursibus,' prob. instrumental abl. like A. XII 84, 'anteirent cursibus auras.' It might conceivably be dat. = 'ad cursus vocet.'

194. 'Tum vocet' (so most MSS.), challenge, a sense usually expressed by 'provocet': comp. A. XI 442, 'solum Aeneas vocat, et vocet oro.' Pal. has 'provocet' [and so Ribbeck. Vahlen (Ind. Lect. Berl. 1882) retains 'vocet' in the sense of 'call upon, invoke.']

'Ceu liber habenis,' as if he were simply following his own will, contrasted with 'laboranti similis.' Keightley thinks there is a reference to the weight of the rider.

195. 'Vestigia' may be understood either strictly, or as put for 'pedes.' See E. VI 58.

196-201. Virg.'s similes, like those of Hom., when they extend to any length, are generally not constructed with much rhetorical or grammatical regularity. The description passes from the main point of the comparison into collateral details, which are strung together as co-ordinate sentences by particles of transition. Here the verb of which 'qualis' is the subject has to be supplied from the previous context, and the description then proceeds as if it were independent. Even v. 201 is not intended as a grammatical apodosis, though designed to recall the reader to the real object of the simile. Comp. A. I 148 foll., where the structure is very similar to that of the present passage.

'Hyperboreis:' the fabled Hyperboreans inhabited an Elysium beyond the northern cold (Pind. P. x 47; Pliny IV 89). But here and elsewhere the epithet signifies the most northerly countries then known. Strabo I, C. 62, notes the two notions attached to the word, treating one as poetical, the other as matter of fact.

'Densus' with 'incubuit'; 'strong, with all his force as it were condensed and concentrated' (Keightley).

197. 'The wind scatters the clouds, and drives them before it.' 'Venti vis . . . nubila differt,' Lucr. I 272.

'Arida' because it is a clear, sharp blast without rain (Wagn.). Comp. Sen. N. Q. III 28, 'fluere adsiduos imbres et non esse modum pluviis, suppressis Aquilonibus et flatu sicciore;' Lucan IV 50, 'Pigro bruma gelu siccisque Aquilonibus haerens Aethere constricto pluvias in nube tenebat.'

nubila ; tum segetes altae campique natantes
 lenibus horrescunt flabris, summaeque sonorem
 dant silvae longique urgent ad litora fluctus ; 200
 ille volat, simul arva fuga, simul aequora verrens.
 hic vel ad Elei metas et maxima campi
 sudabit spatia et spumas aget ore cruentas,
 Belgica vel molli melius feret esseda collo.
 tum demum crassa magnum farragine corpus 205
 crescere iam domitis sinito : namque ante domandum

198. 'Tum' may be either correlative to 'cum,' v. 196, or a particle of transition, as apparently in other similes (e.g. A. XI 724 ; XII 591). The parallel of A. I 148, 151, favours the former ; there however the sentence introduced by 'tum' constitutes the point of the comparison, which is not here the case. It is safest to say that here 'tum' does not mean definitely either 'at that moment,' or 'next,' but denotes generally that the action which follows belongs to the same time as that which precedes.

'Campi natantes' is from Lucr. v 488 ; VI 267, [405, 1142 ; like 'campi liquentes,' A. VI 724, it = the sea ; comp. 'campi caerulei' in Plautus]. Virg. may have had in view two similes of Homer II. II 144 fol.

199. 'Lenibus flabris,' the beginning of the gale. 'Tarde primum clementi flamine pulsae (undae) Procedunt,' Catull. LXIV 273, referred to by Keightley. 'Sonor' is Lucretian.

200. 'Resonantia longe Litora misceri, et nemorum increbrescere murmur' is a prognostic of wind I 358. 'Longi fluctus,' long waves, denotes the force of the winds. Heyne wrongly renders it, 'qui longe, e longinquo, veniunt.' ['Urguent' Rom. —H. N.]

201. Comp. IV 174, 'Illi inter sese magna vi brachia tollunt In numerum, versantque tenaci forcipe ferrum ;' A. I 153, 'Ille regit dictis animos et pectora mulcet,' where the simile is concluded similarly by a return to the original subject of it—in this case, the north wind.

202. 'Hic : ' Med., fragm. Aug., restored by Wagner : 'a horse like this.' Med. corr., Vat. fragm., Rom., have 'hinc' [which Ribbeck accepts]. The preceding simile, though its elaboration

has little to do with the horse, is supposed to have impressed the reader with his high qualities.

'Metas et maxima campi spatia' seems to be a hendiadys, as if it had been 'metas campi maximis spatiis,' or, as it might have been expressed, 'ad metas per campum maximis spatiis.'

203. 'Sudabit' contains the notion of 'sudans ibit.' Forb. comp. Prop. v i 70, 'Has meus ad metas sudet oportet equus,' evidently an imitation. 'Spatia,' I 513. 'Spumas aget,' Lucr. III 488.

'Cruentas : ' from the bit against which he pulls, showing his spirit (Keightley). So Aesch. Ag. 1067, *πριν αιματηρόν εξαφριζέσθαι μίτρος*, a metaphor from a horse being broken in.

204. Virg. probably refers to the employment of highbred horses in drawing the carriages ('esseda') of the rich (Keightley). The 'essedum' was properly the British war-chariot, and is so mentioned by Caesar and Cicero, but it had been recently introduced into Rome as a carriage (Cic. Att. VI i 25 ; Phil. II xxiv 58). So Prop. II i 86 (of Maecenas) 'essedae caelatis siste Britanna iugis' and Sil. III 337 (imitating Virg.) 'aut molli pacata celer rapit esseda collo.'

'Belgica,' instead of British. So Pers. VI 47 calls the 'essedae' German. Pal. and Med. (originally) have 'Bellica.'

'Feret' seems to refer to the wearing of the yoke on the neck. Fragm. Aug. apparently has 'ferat.'

205. 'Farrago' [mixed green food for cattle, Varro R. R. I xxxi 5, Contr. to Latin Lex. p. 455 ; it is sometimes spelt 'ferrago,' and so Med. here.—H. N.] It is called 'crassa' from its effects, like 'grandi polenta,' Pers. III 55.

'Tum demum' is explained by 'iam domitis' in v. 206.

ingentis tollent animos, prensique negabunt
verbera lenta pati et duris parere lupatis.

Sed non ulla magis vires industria firmat,
quam Venerem et caeci stimulos avertere amoris, 210
sive boum sive est cui gratior usus equorum.
atque ideo tauros procul atque in sola relegant
pascua, post montem oppositum, et trans flumina lata ;
aut intus clausos satura ad praesepia servant.
carpit enim vires paulatim uritque videndo 215
femina, nec nemorum patitur meminisse nec herbae
dulcibus illa quidem inlecebris, et saepe superbos
cornibus inter se subigit decernere amantis.
pascitur in magna Sila formonsa iuvenca :
illi alternantes multa vi proelia miscent 220

207. 'Prensi : ' 'prensos domitare boves,' 1 285 note.

208. 'Lenta,' a perpetual epithet. 'Lupatis : ' 'dicta lupata a lupinis dentibus, qui inaequales sunt,' Serv. So λύκος is used in Greek, and 'lupus' by Ovid and Statius. Both 'lupatum' and 'lupatus' are found as substantives, and Hor. Od. I viii 6 uses 'lupatis' as an epithet of 'frenis.' [Comp. also Ovid Tr. IV vi 3.]

209-241. 'The chief danger to the strength both of bulls and horses is from excess of the passion of love. Thus bulls have to be kept at a distance from the cows. Rivalries often arise among them ; they fight for the same heifer ; the beaten one retires, and after a long interval, during which he has been collecting his strength, returns and renews the conflict.'

211. 'Whether you prefer rearing bulls or horses.' 'Cui' belongs to 'si' in 'sive.' [Fragm. Vat. originally had 'bovom,' and so Ribbeck.—H. N. The form occurs also in MSS. of Varro to Keil, Comm. on R. R. p. 172.]

212. The political word 'relegant' suits the language of the paragraph ; the bulls are spoken of in terms appropriate to men, and so invested with a kind of heroic dignity. There is a special fitness in the word, as the essence of 'relegatio' was confinement to or exclusion from a particular place.

213. The intervening hill excludes the view : the breadth of the stream prevents crossing.

214. 'Satura,' to keep up their strength and divert them.

215. 'Caeco carpitur igni,' A. IV 2. 'Videndo : ' see E. VIII 71. Here it = 'visu,' 'by the sight of her.'

217. Ribbeck (after Klotz) seems right in connecting 'dulcibus—inlecebris' with the preceding clause, 'illa quidem' having the force of 'quamvis,' as A. IX 796 ; X 385,—'she wastes them away, though with a tender passion.'

219. 'Sila' (Rom. Med. corr.) is mentioned by Serv., though with disapproval, and has been accepted by most edd. since Heyne ; the other MSS. and Serv. give 'silva.' The specification of a particular forest is quite in the manner of Virg., and is in place here, announcing, as if by a change of tone, that a narrative description follows. For 'Sila' comp. A. XII 715 (a fight of bulls) 'ingenti Sila, summove Taburno ;' for the whole line Hor. Ep. I iii 36, 'pascitur in vestrum reditum votiva iuvenca.'

220. The language in A. XII 720 foll. is very similar. The conflict there is not for a particular heifer, but for the sovereignty of the herd. The descriptions in Ov. M. VIII 46, Stat. Theb. VI 864 agree in their general detail with the passage in the Aeneid, but represent the object of the combat as here. All the passages, those of the later poets especially, may be modelled on the fight between Heracles and Achelous, Soph. Trach. 517, [but the resemblance is really very slight].

volnëribus crebris ; lavit ater corpora sanguis,
 versaque in obnixos urgentur cornua vasto
 cum gemitu ; reboant silvaeque et longus Olympus.
 nec mos bellantis una stabulare ; sed alter
 victus abit, longequè ignotis exulat oris, 225
 multa gemens ignominiam plagasque superbi
 victoris, tum, quos amisit inultus, amores ;
 et stabula aspectans regnis excessit avitis.
 ergo omni cura vires exercet, et inter
 dura iacet pernix instrato saxa cubili, 230
 frondibus hirsutis et carice pastus acuta,
 et temptat sese, atque irasci in cornua discit

221. ['Lavit' Nonius pp. 466, 503, Philarg. and all the uncials; in Med. 'lavit' is corrected into 'lavat.' For 'corpora' Nonius pp. 337, 466 has 'vulnera.'—H. N.]

222. ἦν δὲ μετώπων ὀλόεντα πλῆγματα καὶ στόνος ἀμφοῖν, Soph. l. c. 'Gemitus,' like στόνος, seems to refer to the bellowing of the combatants. It might also conceivably be the crash of the horns; 'gemere' is used v. 183 of the noise of wheels. ['Urguentur' Pal.—H. N.]

223. Med. has 'resonant,' but this would clearly be inferior.

'Longus' (Med. and Macrob. Sat. vi 4) was rightly restored by Burm. The common reading was 'magnus' (Pal. Rom.). It is a translation of Hom.'s μακρὸς Ὀλυμπος: Virg. however, as Heyne remarks, merely means 'Olympus' as a synonym for heaven, so that 'longus' is to be explained by 'reboant.'

224. The elevation of the language leads Keightley to suggest that Virg. may have had in his mind the withdrawal into banishment of some defeated public man. Lucan. II 601 and Stat. Theb. II 323, who imitate the passage, use the image as a simile for the retirement of their heroes, Pompey and Polynices.

'Stabulare,' intrans. A. VI 286, etc.; Varro I 21 uses the word actively [Neue-Wagener, Formenlehre II p. 92].

['Set' Med. 'Sed' Pal. Rom.—H. N.]
 227. 'Amores,' of the beloved object, Catull. XLV 1, 'Acmen, suos amores.'

228. The action of this line precedes that of v. 225, as is marked by the change of tense. Thus, as 'tum' shows, Keightley

is wrong in connecting 'amores' with 'aspectans.' With the image comp. E. VI 80 (according to one interpretation) and with 'regnis avitis' E. I 70. 'A wistful look at his stall, and the king has quitted his ancestral domain.'

['Adspectans' Rom.—H. N.]

230. ['Pernix:' so Med. Pal. Rom. Gud., Nonius p. 358, Serv. Philarg. Schol. Bern., followed by Ribbeck. It means here, as Nonius explains it, 'perseverans.' Philarg. mentions a variant 'pernox,' given also by Schol. Iuv. VII 10 and one or two inferior MSS., which was preferred by Con. and others as suiting 'iacet' and 'cubili.'—H. N.]

'Instrato:' probably adj., unstrewn: so ἀστρωτός is used both of the rough ground (Eur. Herc. F. 52) and of those who sleep on it (Plato Polit. 272). The word seems to occur nowhere else. Others make it part. of 'insterno' (comp. Lucr. v 987 'instrata cubilia fronde'), i.e. 'spread on the rocks,' though 'spread with' is the usual sense.

232. 'Irasci in cornua temptat,' A. XII 104. The words are from Eur. Bacch. 732, ταῦροι. . . εἰς κίρας θυμούμενοι, and are probably to be explained with Voss as if the bull were throwing his anger into his horns. So Ov. M. VIII 882, 'vires in cornua sumo.' But it is not easy to analyze the expression, or to be certain that Eur. and Virg. meant exactly the same thing: εἰς κίρας might be explained as denoting the object, εἰς μάχην κεράτων: 'in cornua' might be framed on the analogy of 'in speciem,' etc., as a modal accusative, so that 'irasci in cornua' would virtually = 'irasci cornibus.'

arboris obnixus trunco ventosque lacessit
 ictibus et sparsa ad pugnam proludit harena.
 post, ubi collectum robur viresque refectae, 235
 signa movet, praecepsque oblitum fertur in hostem ;
 fluctus uti medio coepit cum albescere ponto
 longius, ex altoque sinum trahit ; utque volutus
 ad terras immane sonat per saxa, neque ipso
 monte minor procumbit ; at ima exaestuât unda 240
 verticibus, nigramque alte subiectat harenam.

Omne adeo genus in terris hominumque ferarumque,
 et genus aequoreum, pecudes, pictaeque volucres,

233. 'Obnixus,' butting, as in v. 222. 'Ventos:' so 'ventilare' is used of a fencer's flourishes (Lemaire). Comp. A. v 377 note.

234. 'Iam cornu petat et pedibus qui spargat harenam,' E. III 87. ['Proludit:' comp. Cic. De Or. II lxxx 325 and Dio. Verr. 47 ; Iuv. v 26 ; Seneca de Ira II ii 5.—H. N.]

235. ['Ast' Med. for 'post.'—H. N.] 'Refectae' Med., Pal., Gud. originally. 'Receptae' (Rom., Gud. corr.), was the reading before Heins.

236. See v. 212. ['Oblicum' Med. for 'oblitum.'—H. N.]

237. Virg. shows his judgment by calling off the reader's attention to a simile, instead of following the animals through a second encounter. The comparison is from Il. IV 422 foll., where the thing illustrated is the march of the Greeks. It recurs in a briefer form A. VII 528 foll., where the quarrel with the Italian rustics is swelling into a battle. Here probably the likeness is in the roar as well as the rush of the water. With regard to the latter, two points are evidently meant to be noted,—the appearance in the distance and the final collision.

'Uti medio' (Rom. Pal.) preferred by Wagn. on the ground that Virg. omits the prep. when he uses 'medius' loosely. Med. a m. pr. has 'ut in medio.'

238. The construction is 'uti fluctus, cum coepit albescere, trahit,' 'cum coepit' answering to 'volutus' in the next part of the sentence. Heyne and Wagn. are right in making 'que' couple 'ex alto' with 'longius.' The combination is Virgilian, resembling those noticed on A. v 498, but more grammatically regular. See Wagn. Q. V. 34.

'Ex alto,' 'from the main sea,' answering to 'medio ponto.' 'Omnis ab alto

Frangitur inque sinus scindit sese unda reductos,' A. I 160. 'Sinus' here is the curve of the wave, as in IV 362.

'Trahit' expresses not only forward motion but the gradual increase of the 'sinus.' 'Utque' is parallel to 'ut.'

239. 'Ipso monte:' the 'mons' being the whole of which the 'saxum' is a part. 'Saxum, Haud partem exiguum mootis,' A. x 127. Here 'mons' is probably the crag against which the sea breaks. The same comparison occurs IV 361, A. I 105.

241. 'Subiectat:' Lucr. VI 700, 'Saxaque subiectare, et harenae tollere nimbos,' which Virg. plainly imitated. 'Subvectat' (Med. and Rom.) does not suit the sense, being used of carrying freights, upheaving burdens, etc.

'Harenam' is the sand at the bottom which the sea casts up, the *κλεινὰν θίση καὶ δυσάνεμον*, heaved up *βυσσόθεν*, of Soph. Ant. 590. Comp. A. I 107, 'furit aestus harenis,' where the same thing is described. 'Like a billow, when, beginning to whiten far away in the mid sea, it draws up from the main its bellying curve ; like it too, when, rolling to the shore, it roars terrific among the rocks, and bursts, in bulk as huge as their parent cliff, while the water below boils up in foaming eddies, and discharges from its depths the murky sand.'

242-283. 'In fact, the maddening effects of passion are universal, but none undergo so much as mares.'

242. 'Adeo:' see on E. IV 11.

243. 'Pecudes, pictaeque volucres,' A. IV 525. 'Pecudes:' added because not included in 'ferarum' (see v. 480), though that word might easily be pressed so as to include all quadrupeds, as might 'pecudes' itself (A. VI 728).

in furias ignemque ruunt. amor omnibus idem.
 tempore non alio catulorum oblita leaena 245
 saevior erravit campis, nec funera volgo
 tam multa informes ursi stragemque dedere
 per silvas; tum saevus aper, tum pessima tigris;
 heu, male tum Libyae solis erratur in agris.
 nonne vides, ut tota tremor pertemptet equorum 250
 corpora, si tantum notas odor attulit auras?
 ac neque eos iam frena virum, neque verbera saeva,
 non scopuli rupesque cavae atque obiecta retardant
 flumina correptosque unda torquentia montis.

'Pictae' is supposed by Forb. to be an imitation of 'variae volucres,' which occurs frequently in Lucr. (e.g. II 344, a passage not unlike this), but the epithet in Lucr. means only 'various,' [see G. I 383].

246. The perfects are explained by 'non alio tempore.' See I 374.

'Volgo,' v. 363 note. Here it seems i. q. 'late.'

247. 'Informes,' on account of their size, as well as their appearance, great bulk being itself a deformity, as involving a departure from symmetry. So probably 'turpe,' v. 52.

'Dedere': 'dare funera,' A. VIII 571; 'dare stragem,' v. 556 below. 'Edere' is also used with both, A. IX 526. Comp. v. 265 'dant proelia.'

248. 'Pessima,' as 'malus' is used of serpents, vv. 416, 425.

249. 'Heu, male tum mitis defendet pampinus uvas,' I 448. 'Male erratur' like 'male creditur,' Hor. S. II iv 21.

'Solis,' though grammatically belonging to 'agris,' really points to the traveller.

250-5. These lines are placed by Ribbeck after v. 263, and vv. 264, 265 are inserted before v. 258. It is easy however to see that the passage loses by this attempt to restore symmetry; to pass gradually through the animals not treated of in the Georgics, ending in man, and then to discriminate horses from mares is to do what Virg. deliberately abstains from doing; it is to assimilate the composition of a didactic poem to that of a regular treatise. Ribbeck believes vv. 250-254, like some other difficult passages (see IV 291, etc.), not to have belonged to the original draught of the poem, but to have been added on revision and imperfectly harmonized with the rest of the passage.

250. 'Nonne vides,' I 56. 'Tremor pertemptat' occurs Lucr. VI 287. [Pal. has 'et' for 'ut.'—H. N.]

251. Heyne remarks that we might rather have expected 'aurae odorem attulere.' As the scent comes with the gale, Virg. chooses to make it the bearer, not the borne, for the sake of variety.

252. 'Iam' implies that the fury has risen beyond control.

'Virum,' because other than human obstacles are mentioned in the next verse.

'Verbera saeva' is questioned by Keightley, who remarks that no one would beat a runaway horse to stop him. Mr. Blackburn says, 'Virg., writing loosely, enumerates some of the common methods of controlling horses without caring for the suitability of all to the particular case.' [Virgil, writing loosely, means perhaps in v. 252 to describe the horse as masterless: 'retardant' is the verb to this line only by zeugma. Hence 'non iam': the horse is no longer subject to the reins and the whip, and what might still stop him, rocks and rivers, do not affect him either. Marindin.]

253. Macrob., Sat. VI 2, cites a line from Varius, which Virg. is said to have imitated, 'Non amnes illum medii, non ardua tardant.' See E. VIII 89.

254. 'Correptosque': here, as elsewhere, Virg. couples things not strictly co-ordinate; A. II 86, 'comitem et consanguinitate propinquum . . . misit;' XII 305, 'Pastorem primaque acie per tela ruentem.'

'Torquentia montis' is a heightening of the picture of Lucr. I 288, 'volviturque sub undis grandia saxa.' 'Unda' may be connected with either 'torquentia' or 'correptos.'

ipse ruit dentesque Sabellicus exacuit sus, 255
 et pede prosubigit terram, fricat arbore costas,
 atque hinc atque illinc umeros ad volnera durat.
 quid iuvenis, magnum cui versat in ossibus ignem
 durus amor? nempe abruptis turbata procellis
 nocte natat caeca serus freta; quem super ingens
 porta tonat caeli et scopulis inlisa reclamant 261
 aequora; nec miseri possunt revocare parentes,
 nec moritura super crudeli funere virgo.

255. The wild boar has been named v. 248, so Serv. and others suppose that Virg. here means the tame one, which they think explains the force of 'ipse.' Ladewig quotes Varro II 1, to show that the name 'sus' was restricted by some to the tame sort. But the dignity of the language would pass into burlesque if applied to the domestic swine, and the facts mentioned here agree with Aristotle's description of the wild boar, H. A. VI 17. 'Ipse' is apparently meant to prepare the reader for something exalted, and the monosyllabic ending (Lucr. v 25, 'horrens Arcadius sus') is in keeping. 'Sabellicus' similarly recalls the woods and mountains of Samnium.

256. 'Prosubigit' is quoted only from Val. Fl. IV 288 (of the Cyclops forging the thunderbolt) and Prudentius, *peri stef.* III 129, where it is used in the same sense as here, with 'pede.' 'Subigere' is frequently used of breaking up land (II 50), and this may be the reference here, with the addition of 'pro' to denote the forward action of the feet, as in 'proculco,' 'protero.' Serv. says, 'fodit, et pedibus impellit alternis.' Aristot. I. c. speaks of boars as *πρὸς ἀλλήλους μὲν ποιῶντες μάχας θανασάτας θωρακίζοντες ἑαυτοὺς καὶ ποιῶντες τὸ δέρμα ὡς παχύτατον ἐκ παρασκευῆς, πρὸς τὰ δένδρα διατρίβοντες καὶ τῷ πληθῶ μολύνοντες πολλὰς καὶ ξηραίνοντες ἑαυτοῦς.* 'Arbore' may be either the instrumental or the local ablative.

257. The first 'atque' couples 'durat' to the other verbs, the second joins 'hinc' to 'illinc.' 'Umeros' Med. Gud.; 'umerosque' (Pal. Rom.) gives a feebler sentence.

258. He glances at the story of Leander to show what love can make men do. Martyn remarks on the judgment which leads him to avoid mentioning it expressly,

thereby representing the action as which the whole species would do.

Some such verb as 'facit' is to be understood with 'quid,' as also in v. 264. Comp. Hor. Ep. I II 10, 'Quid Paris? ut salvus regnet vivatque beatis Cogi posse negat.' 'What of the youth whose marrow the fierceness of love has turned to flame?'

['Cui' is dat. for gen., the so-called 'dat. energicus,' very common in poetry with pronouns: cf. A. x 745, 'olli dura quies oculos . . . urget,' perhaps E. IV 62 and the exx. in Wölflin's Archiv VIII 42. See v. 347 also.]

'Versat' merely expresses the motion within, as in IV 83, 'Ingentis animos angusto in pectore versant.'

259. 'Abruptis,' as Heyne remarks, has the force of 'abruptentibus,' like 'mare proruptum,' A. I 245.

261. 'Porta caeli:' comp. Hom. II. v 749, VIII 393, *πύλαι μύκον οὐρανοῦ*; Ennius Epigr. 'mi soli caeli maxima porta patet;' the actual words 'quem . . . caeli' are ascribed to Ennius in an anon. fragm. [probably in error (Vahlen Ann. 595; Müller p. 139).] Virg. probably means that the gate of heaven is opened to let out the storm and the noise of its opening is the thunder: comp. I 371.

'Reclamant,' cry out against his daring (Martyn). This is more poetical than the usual rendering, 'rebellow.'

262. Leander is warned by the thought of his parents, who would call him back in agony if they knew his danger. This explanation seems established by the next line, as Hero, far from calling him back, was waiting for him.

263. 'Super' may mean either 'thereupon,' or literally 'on his body' (Ladewig): comp. Musaeus 440, *καὶ δ' Ἡρῶ τίθησεν ἐπ' ὀλλυμένην παρακοίτην.* To understand

quid lynces Bacchi variae et genus acre luporum
 atque canum? quid, quae inbelles dant proelia cervi?
 scilicet ante omnis furor est insignis equarum; 266
 et mentem Venus ipsa dedit, quo tempore Glauci
 Potniades malis membra absumpsere quadrigae.
 illas ducit amor trans Gargara transque sonantem
 Ascanium; superant montis et flumina tranant. 270
 continuoque avidis ubi subdita flamma medullis,—
 vere magis, quia vere calor redit ossibus,—illae
 ore omnes versae in Zephyrum stant rupibus altis,
 exceptantque levis auras, et saepe sine ullis
 coniugiis vento gravidae, mirabile dictu, 275

it as = 'insuper' seems scarcely so good, though the thought of Hero would be a stronger appeal than the thought of his parents. Pal. has 'supra.'

'Crudeli funere' with 'moritura,' as A. IV 308 shows.

264. Lynxes, like tigers (A. VI 805), drew the car of Bacchus, Ov. M. IV 24.

'Variae,' like 'maculosae,' epithet of the lynx, A. I 323.

Lucr. v 862 has 'genus acre leonum.'

265. 'Dant proelia:' 'edere proelia' Lucr. II 118, Livy xxv 38, etc. Compare v. 247.

266. 'Scilicet' is apparently explained by 'quid' in the two previous lines. He has been hurrying on; now he gives his reason for doing so, the fact that there is most need to dwell on the fury of the mares.

'Ante omnis:' Keightley understands 'furores,' but it seems simpler to suppose 'above all animals' to be put for 'above the fury of all animals.'

267. He chooses a mythological story as typical of what mares do, not apparently as supplying a mythical account of the origin of their fury.

'Mentem dedit' seems equivalent to 'dant animos,' A. VII 383. Venus is said to have inspired them. If we press the sense of 'mens,' we may explain it by what follows, the purpose with which they fell on their master.

268. 'Quadrigae' seems properly to mean the horses rather than the car.

269. 'Illas:' 'equas.' He returns to the general description, though he still localizes. 'Gargara,' I 102.

270. 'Ascanius' is a river flowing out

of a lake of the same name in Bithynia, Strabo XIV 681. The introduction of the general after the particular, 'montis et flumina' after Gargarus and Ascanius, is weak, but the stress is possibly to be laid on the verbs 'superant' and 'tranant,' the accusatives meaning little more than 'illa' and 'hunc.' The picture is from Lucr. I 14, 'Inde ferae pecudes persultant pabula laeta Et rapidos tranant amnis.'

271. 'Continuo,' closely with 'ubi.' He is now speaking of a different effect of passion. Keightley takes it 'all at once, after having run themselves out of breath.'

'Avidis' may either be a general epithet of passion or denote the greed with which they catch the flame.

'Subdita' gives the image of a fire kindled from beneath.

272. See II 323 foll. 'Calor ossa reliquit,' A. III 308. Rom. has 'redit calor.'

274. [For 'exceptant' Pal. and originally Med. have 'expectant.' 'Exceptant' is attested by Serv., Philarg., and the Berne scholia.—H. N.]

275. The theory of the impregnation of mares by the wind (*ἔλανεμόσθαι*) was general among the ancients. It is supposed to be indicated by the mythological stories of horses generated by Zephyrus or Boreas, and inheriting their swiftness (II. XVI 150, XX 222, in the former of which passages the mother, the Harpy Podarge, is feeding by the ocean, the home of the west wind). Aristotle H. A. VI 19 fixes it to Crete, Varro II 1 to the neighbourhood of Lisbon, and Columella l. c., himself a Spaniard by birth, speaks of the phenomenon as of frequent occur-

saxa per et scopulos et depressas convalles
diffugiunt, non, Euré, tuos, neque Solis ad ortus,
in Borean Caurumque, aut unde nigerrimus Auster
nascitur et pluvio contristat frigore caelum.
hic demum, hippomanes vero quod nomine dicunt
pastores, lentum destillat ab inguine virus; 281
hippomanes, quod saepe malae legere novercae,
miscueruntque herbas et non innoxia verba.
Sed fugit interea, fugit inreparabile tempus,

rence 'in Sacro Monte Hispaniae, qui procurrit in occidentem iuxta Oceanum.' The two latter add that foals so conceived do not live beyond three years. Wind-eggs were supposed to be produced in the same manner, Varro l. c. Comp. Aristoph. Birds 695, where the egg produced by Night without a father is called *ὕπνημιον*.

276. A spondaic termination generally expresses slowness and majesty: here it is evidently meant to indicate the contrary. Voss comp. Il. iv 74 βῆ δὲ κατ' Οὐλύμποιο καρήνων ἄξασα: X 359 φευγέμενοι τοι δ' αἶψα διώκειν ὠρήθησαν: so Catull. LXV 23, 'Atque illud prono praeceps agitur decursu.' The number of syllables in a spondaic line is smaller than in a dactylic (a fact similar to that noticed by Johnson in reference to imitative rhythm in English poetry), and, where the notion of rapidity has been already conveyed to the mind, the balanced equality of two long syllables may perhaps be best adapted, as Voss thinks, to leave an impression of continuous smoothness. Judging merely by the ear, we might say that the change of metre here expresses the motion downwards, as in Homer and Catullus.

277. Aristotle says of the mares so impregnated, *θειοῦσι δὲ οὔτε πρὸς ἑω, οὔτε πρὸς δυσμάς, ἀλλὰ πρὸς ἄρκρον ἢ νότον*. With this the words of Virg. cannot be made to agree, whether we understand him to mean that they run 'not to the east nor to the north or south' (Martyn and Keightley), or 'not to the east, but to the north or south' (Heyne and others). The latter view might seem preferable, as differing from Aristotle by the omission only of the west. But that difference is important, as it appears from v. 273 that Virg. did not mean to exclude the west, so that on that point they are directly at issue. We must suppose, then, either (1)

that Virg. wished to combine Aristotle's statement with that of others, who made the west wind that from which the conception generally took place, or (2) that he followed a different authority, who wrote, as Martyn suggests, about some place where the nearest sea lay to the west, such as Lisbon (v. 276), and spoke of the mares as only running westward, while Aristotle, writing about Crete, as naturally made them run north and south, in which direction the sea lies nearest. The language does not enable us to decide either way.

'Tuos ad ortus,' as the east is called 'Euri domus' l 371.

278. 'Caurus' or 'Corus' is N. W. according to Pliny XVIII 338, with whom Virg.'s description elsewhere (v. 356, A. v 126) agrees. Gell. II 22 makes it S. W. 'Nigerrimus Auster: 'Turbidus imber aquis densisque nigerrimus Austris,' A. v 696.

279. 'Nascitur et laevo contristat lumine caelum,' A. x 275. Rom. has 'sidere' for 'frigore.'

280. 'Hic,' upon this, under these circumstances.

'Vero nomine' is explained to mean that this is the true hippomanes, as distinguished from two other things that went by the name, the supposed tubercle on the forehead of a young foal, mentioned A. IV 515, and a plant used in incantations, Theocr. II 48. But it need mean no more than that the hippomanes is rightly called, *ἐπώνυμος*.

283. See II 129.

284-294. 'But I dwell too long on horses and cows; I must sing of sheep and goats, a difficult subject to treat poetically, but the enthusiasm of an untouched theme carries me on.'

284. ['Set' Med. and in v. 291.—H. N.] 'Inreparabile tempus,' A. x 467.

singula dum capti circumvectamur amore. 285
 hoc satis armentis : superat pars altera curae,
 lanigeros agitare greges hirtasque capellas.
 hic labor ; hinc laudem fortes sperate coloni.
 nec sum animi dubius, verbis ea vincere magnum
 quam sit, et angustis hunc addere rebus honorem ;
 sed me Parnasi deserta per ardua dulcis 291
 raptat amor ; iuvat ire iugis, qua nulla priorum
 Castaliam molli devertitur orbita clivo.
 Nunc, veneranda Pales, magno nunc ore sonandum.
 incipiens stabulis edico in mollibus herbam 295 <

285. 'Circumvectamur' may either be an image from chariot-driving, as just below, v. 291, or from sailing, as in II 41 foll. 'Capti amore,' E. VI 10.

286. 'Armentis : ' horses as well as oxen. [So II 195, IV 395.]

287. 'Agitare' looks almost like a play on the word, intended to apply both to the breeder and to the agricultural poet. If it must be confined to one, it will be to the breeder, as the next line shows.

288. As usual, he does not extenuate the difficulty, but tells them that they can cope with it, and points to the glory. See I 63, II 37. He goes on to say that his own feeling is the same : he knows the effort needed, but yearns for the exertion and looks to the reward.

289-293. These lines are a brief imitation of Lucr. I 136 foll. and 921 foll. : see also v 97 foll.

289. 'Animi dubius : ' so Lucr. 'animi fallit,' which Virg. perhaps thought too bold ; in A. IV 96 he copies the phrase, but changes 'animi' into 'adeo.' See note on A. VI 332 [and exx. in Roby § 1321, Munro Lucr. I 136].

'Vincere verbis' is from Lucr. (v 735), who however has a different meaning, 'to prove,' whereas Virg. must mean to triumph over the difficulties of the subject, with some such reference as v. 9.

290. 'Hunc,' 'this honour which I have in my mind,' as it were δεικτικῶς, the honour I have to confer as a poet.

291, 292. 'Avia Pieridum peragro loca, . . . iuvat integros accedere fontis . . . meo capiti petere inde coronam, Unde prius nulli velarint tempora Musae,' Lucr. I 926.

293. 'Molli clivo,' E. IX 8, here of the slope which leads down to the Cas-

talian spring. In both passages there is a contrast between 'iugum' and 'mollis clivus.'

'Devertitur' seemingly has its ordinary sense of turning aside. Virg. gets to the spring, but by a path of his own making. This assertion of originality is the common boast of Roman poets, who constantly claim honours for having been the first to imitate Greek subjects.

294-321. 'Through the winter months keep the sheep in sheds, well laid with straw and fern. The goats should have arbutes and fresh water ; their cotes should face the south. They require and deserve as much care at these times as sheep ; hair is not so valuable as wool, but it has its use ; and besides, they are more prolific and give more milk : generally too they need less tendance—another reason for not grudging it when wanted.'

294. 'Awake a louder and a loftier strain.' Such invocations are common where the task is supposed to increase in difficulty, e.g. A. VII 37, before the description of the war in Italy, ib. 640, before the catalogue of the Italian forces. Here it is perhaps open to the objection that a deliberate exaggeration is intended, the exaltation of what is naturally mean, not the treatment of things unusually noble in language transcending the poet's ordinary powers.

With 'magno ore sonandum' Forb. comp. Hor. S. I iv 43, 'os Magna sonaturum,' one of the qualifications of the poet—probably an imitation of Virg.

295. 'Incipiens . . . edico' may be an allusion to the edict made by the praetors on entering office, as Keightley observes, remarking also that the language in general seems to be that of a proprietor going

carpere oves, dum mox frondosa reducitur aestas,
 et multa duram stipula felicumque manipulis
 sternere subter humum, glacies ne frigida laedat
 molle pecus, scabiemque ferat turpisque podagras.
 post hinc digressus iubeo frondentia capris 300
 arbuta sufficere et fluvios praebere recentis,
 et stabula a ventis hiberno opponere soli
 ad medium conversa diem, cum frigidus olim
 iam cadit extremoque inrorat Aquarius anno.
 haec quoque non cura nobis levioere tuendae. 305
 nec minor usus erit, quamvis Milesia magno
 vellera mutantur Tyrios incocta rubores :

round his estate (Cato II). Comp. also A. x 258, 'Principio sociis edicit, signa sequantur,' where the language is military.

'Edico' is followed by an inf. clause as A. xi 463. There however the subject of the inf. is the same as the dat. expressed with the verb; here it is different, though the dat. ('tibi' or 'pastoribus') is not expressed. In v. 298 the subject is changed so as to be identical with the implied dative. Comp. the change of subject vv. 330 foll.

'Mollibus' seems generally to denote comfort, including the requisites mentioned v. 297, but not them only. So the foliage of summer is mentioned in the next line, as the thing for which the shepherd must provide a substitute.

'Herbam:' Col. (vii 3) recommends elm or ash leaves, beans, vetches, etc.

296. 'Dum reducitur:' see E. ix 23.

'Mox:' they will not have to remain long in the sheds. 'The cold weather does not begin in the south of Italy till towards the end of December.' (Keightley.) 'Aestas' includes all the warmer months, as 'hiemps' the colder.

297. Cato v; Varro II 2; Col. vii 3.

298. ['Supter' Pal. and Rom.—H. N.]

299. 'Turpis podagras,' probably the 'clavi,' a name given to two kinds of disease in the feet of sheep, Col. vii 5.

300. 'Digressus:' as if he were actually moving to another part of his farm (Keightley).

302. Col. (vii 3) says that sheep-cotes ought to look south, and from ib. 6 it seems probable that he would extend the remark to goats. Varro (ii ii 3) prefers the east for both.

303. Aquarius sets in February, which with the Romans would be close on the end of the natural year. 'Frigidus' and 'cadit' seem to refer to the sign, 'inrorat' to the supposed figure in the zodiac. 'Sprinkling the skirts of the departing year.'

'Cum olim' seems equivalent to 'olim cum,' for which see II 403.

305. The MSS. present three readings, 'haec—tuendae' (fragm. Vat., Rom.), 'hae—tuendae' (Pal.), 'haec—tuenda' (Med.). 'Haec—tuendae' seems preferable, as enabling us to explain the two others. 'Hae' is an archaic form of the nom. fem. pl., used by Plaut. Lucr. Cic. etc., if not elsewhere in Virg. (see A vi 852). It would naturally be misunderstood by transcribers, as it has been by Serv. and Philarg., who defend 'haec—tuendae' on the ground that the junction of neuter with fem. is a Latin idiom. [See Neue-Wagener, ii p. 417.]

Wund. is right in connecting the line with what goes before (comp. Hor. S. ii ii 68, 'unctam Convivis praebebit aquam; vitium hoc quoque magnum'), though it has also a reference to what follows.

306. 'High as is the price that wool fetches when dyed.' The introduction of 'quamvis' with an exception expressed in special, not in general language, is like I 38, 39, 'Quamvis Elysios miretur Graecia campos, Nec repetita sequi curret Proserpina matrem.'

'Milesia vellera,' IV 334, mentioned among the best by Col. vii 2, ranked third, after the Apulian and Graeco-Italian, by Pliny viii 190.

307. [Rom. has 'colores.'—H. N.]

densior hinc suboles, hinc largi copia lactis ;
 quam magis exhausto spumaverit ubere mulctra,
 laeta magis pressis manabunt flumina mammis. 310
 nec minus interea barbas incanaque menta
 Cinyphii tondent hirci saetasque comantis
 usum in castrorum et miseris velamina nautis.
 pascuntur vero silvas et summa Lycaei,
 horrentisque rubos et amantis ardua dumos ; 315
 atque ipsae memores redeunt in tecta, suosque
 ducunt, et gravido superant vix ubere limen.
 ergo omni studio glaciem ventosque nivalis,
 quo minor est illis curae mortalis egestas,
 avertes, victumque feres et virgea laetus 320
 pabula, nec tota claudes faenilia bruma.

308. The recommendations of the goat enumerated in this and the following lines are summed up Geopon. xviii 9, *διδυμοτοκεῖ δὲ ὡς ἐπὶ πολὺ, καὶ τρέφει τὰ γεννώμενα, καὶ προσόδους δίδωσιν οὐκ ὀλίγας, τὰς ἀπὸ γάλακτος καὶ τυροῦ καὶ κρέως, πρὸς δὲ τοῦτοις τὰς ἀπὸ τῆς τριχός.* Goats occasionally bear three, Col. vii 6. 'Copia lactis,' E. i 82. [For the second 'hinc' fragm. Vat. has 'hic.'—H. N.]

309. Rom. has 'quo : 'quam' is the reading of Ribbeck's other MSS. and is sufficiently supported by A. vii 787, where 'tam magis . . . quam magis' occurs. The meaning is, as 'exhausto' shows : the fuller the pails after one milking, the more will be yielded by the next.

310. 'Flumina : ' Pal., Rom. [and Nonius p. 340] give 'ubera,' which is acknowledged by Philarg., and was preferred by some earlier editors.

311. 'Incanaque menta,' A. vi 809.

312. 'Tondent,' men clip, like 'inurunt,' v. 158. This seems better than to separate 'Cinyphii' from 'hirci,' making it nom. plural, or to suppose that the goats are said to clip their own beards because they surrender them to the shears. The latter view, though slightly supported by 'barbas,' is discountenanced by the use of 'pascuntur,' v. 314, of the goats generally.

The river Cinyps, in Libya, is mentioned by Hdt. iv 175, 198 ; its goats are alluded to Martial viii li 11, xiv 140 ;

the use to which their hair was put, by Sil. iii 276. Rom. has 'hircis,' which is doubtless due to the initial letter of 'saetas.' ['Hirqui' Pal.—H. N.]

313. 'Nautis : 'capra pilos ministrat ad usum nauticum,' Varro ii 11.

314. 'Pascuntur' is constructed with an accusative, as being equivalent to a transitive verb ; so 'depascitur,' v. 458.

'Lycaei' (E. x 15), another instance of specification for the sake of dignity.

315. 'Amantis litora myrtos,' iv 124.

[Med. a m. pr., put 316 before 315.]

316. 'Ipsae lacte domum referent distenta capellae Ubera,' E. iv 21. The fact, however, is mentioned there as a wonder, not as part of ordinary nature. Med. has 'inmemores.'

'Suos,' their young.

317. The pause after the first foot expresses the slowness of their approach with their burden of milk.

318. 'Omni studio' contains the notion of 'eo magis,' the natural correlative of 'quo minor.'

319. 'Curae mortalis' = 'curae mortalium,' like 'mortalia corda,' i 123 ; 'mortalis visus,' A. ii 605 ; 'mortali sermone,' Lucr. v 121.

320. 'Virgea pabula,' the arbutes mentioned v. 301.

'Laetus' seems rightly explained by Wagn. as 'largus,' the epithet belonging rather to the gift than to the giver.

321. 'Let them have good store of hay the winter through.'

at vero Zephyris cum laeta vocantibus aestas
 in saltus utrumque gregem atque in pascua mittet,
 Luciferi primo cum sidere frigida rura
 carpamus, dum mane novum, dum gramina canent,
 et ros in tenera pecori gratissimus herba 326
 inde, ubi quarta sitim caeli collegerit hora
 et cantu querulae rumpent arbusta cicadae,
 ad puteos aut alta greges ad stagna iubebo
 currentem ilignis potare canalibus undam; 330
 aestibus at mediis umbrosam exquirere vallem,
 sicubi magna Iovis antiquo robore quercus
 ingentis tendat ramos, aut sicubi nigrum
 ilicibus crebris sacra nemus accubet umbra;
 tum tenuis dare rursus aquas, et pascere rursus 335

322-338. 'In summer let them graze early in the morning; as the heat comes on, take them to water; at midday let them rest in the shade, and in the cool of the evening graze again.'

323. 'Utrumque gregem,' sheep and goats. 'Mittet' is the reading of Med. a m. pr. and is clearly right. The other MSS. have 'mittes' [and so Ribbeck].

324. 'Aestate . . . cum prima luce exeunt pastum, propterea quod tunc herba roscida meridianam, quae aridior est, iucunditate praestat,' Varro II 2. The present passage is partially repeated from E. VIII 14, where Damon invokes Lucifer. ['Lucifero' fragm. Vat. originally, and Gud.—H. N.].

325. It is a question whether 'carpamus' means 'let us haste along,' like 'carpere prata,' v. 142, 'carpere gyrum,' v. 191, or 'let us graze,' the shepherd being identified with his flock.

326. E. VIII 15.

327. 'Caeli hora,' like 'caeli menses' I 335, 'caeli tempore' IV 100.

'Sitim collegerat' is used of becoming thirsty, Ov. M. v 446, like 'frigus colligere' of catching cold; the sense of thirst is here attributed to the time of day.

328. Comp. E. II 13. With 'rumpent arbusta' Serv. comp. 'adsiduo ruptae lectore columnae,' Juv. I 12. For the change from 'collegerit' to 'rumpent' see IV 282.

329. 'Iubebo:' Pal., fragm. Vat.;

'iubebo' Med. Rom. Nonius p. 216. 'Iubebo' is necessary to the sense: with 'iubebo' the subject of the following infinitives would be 'greges,' or we should have an untenable inf. for imperative (see A. III 405). With 'iubebo' Heyne comp. 'suadebo,' IV 264, and Wakef. appositely cites Hor. A. P. 317, 'Respicere exemplar vitae morumque iubebo Doctum imitatore et vivas hinc ducere voces.'

330. 'Currentem ilignis canalibus' seems to mean no more than poured into troughs. 'Ilignis:' i. q. 'iligneis,' the more ordinary form. Hor. S. II iv 40, 'iligna nutritus glande.'

331. 'Exquirere:' the subject is here changed from the sheep to the shepherd. For 'at' Med. Pal. [and originally fragm. Vat.] have 'aut.'

332. 'Annoso robore quercum,' A. IV 441.

334. 'Ilicibus crebris' with 'nigrum,' 'sacra umbra' with 'nemus.'

'Accubet' rather than 'adstet,' as applying to the resting of the shadow on the ground, like 'procubet umbra,' etc., v. 145 (Taubmann, referring to Turnebus, Adversaria v 4). 'Where the grove, black with countless ilaxes, reposes nigh in hallowed shadow.'

335. 'Tenuis' seems a 'perpetual' epithet of water, as of air, expressing its penetrating power. See I 92; IV 410. Others understand it of water from a little stream.

solis ad occasum, cum frigidus aera vesper
temperat, et saltus reficit iam roscida luna,
litoraue alcyonem resonant, acalanthida dumi.

Quid tibi pastores Libyae, quid pascua versu
prosequar, et raris habitata mapalia tectis? 340
saepe diem noctemque et totum ex ordine mensem
pascitur itque pecus longa in deserta sine ullis
hospitiis: tantum campi iacet. omnia secum

336. 'Temperat aera' like 'temperat arva,' I 110. There the sense of the word is further defined by 'arentia,' denoting the thing to be relieved, as it is here by 'frigidus,' denoting the relief to be given.

337. 'Iam roscida,' beginning to drop dew. The moon was called 'roriflua' and 'roris mater.' For the general sense comp. II 202.

338. 'Resonant alcyonem, acalanthida:' a bolder variety for 'resonant cantum alcyonis, acalanthidos.'

'Alcyonem.' Lachmann on Lucr. III 383 seems to be right in preferring 'alcyonem' (found in one of Ribbeck's cursives) to 'Alcyonen,' on the ground that the personification does not suit a simple passage like this. In IV 15, as he says, the case is different, as there the mythological accessories of the swallow are mentioned. The ordinary reading 'alcyonen' inconsistently gives the Greek form, but drops the personification.

[For the bird, comp. I 398. The kingfisher, which Virgil prob. means, does not sing, but was credited with the voice of the mythical Alcyon. 'Acalanthis' may be a warbler; it seems not to be a goldfinch. See Warde Fowler's Year with the Birds ch. vii and Thompson's Greek Birds pp. 19, 28.]

339-383. 'As an instance where summer-grazing is carried to the utmost, I might tell of shepherd life in Africa. In those vast plains the cattle feed day and night for a month together, and the herdsman carries his chattels with him, like a Roman soldier on march. The opposite extreme is in Scythia, where there is no grazing, and the cattle are always shut up. Ice and snow are there all the year round; day and night are alike; all liquids freeze; sudden snow-storms kill the cattle; deer are not hunted, but butchered in the ice; the natives live underground by the fire, playing and drinking.'

340. 'Mapalia,' or 'māgalia,' which appear to differ only in quantity, are defined by Cato (as quoted by Fest. and by Serv. on A. I 421) 'quasi cohortes rotundae,' referring to the 'cohortes villaticae,' in which the live-stock, etc., were kept. These 'cohortes' were made up 'ex pluribus tectis' (Varro L. L. IV 16), having various sheds or other buildings round them. Thus 'mapalia' seem to have been a camp or settlement of various tents or huts (here called 'tecta'), which would naturally be scattered, 'rara' (Keightley comp. A. VIII 98), owing to thinness of population and extent of country, and easily movable. Shaw (Travels pp. 220 foll., ed. 1757) gives a full account of these encampments or 'dou-wars,' which he says consist of a number of tents (he had seen from 3 to 300), usually placed in a circle. This agrees with A. I 421, IV 259. 'Mapalia' seems also to have been used for the tents themselves (Sall. Jug. 18, and perhaps Pliny v 22, Val. Fl. II 460, where 'mapale' is used in sing.). These tents according to Sall. were oblong, and shaped like the keels of boats, as they appear to be in the present day (Shaw l. c., Hay's Western Barbary p. 25, quoted by Keightley). [See also Boissière, Algérie romaine i 53.]

341. The elder Scaliger, a great Virgilian enthusiast, declares (Poet. v 16) that Apollo himself could produce nothing superior to these verses.

343. 'Hospitiis,' fixed dwellings, where they could be received at their journey's end, as distinct from what the herdsmen carry with them. 'Tantum campi iacet,' accounts for the absence of 'hospitia,' and for the continuous journeying. Lade-wig had a strange notion that 'pecus' was nom. to 'iacet' and 'campi' local gen.

'Omnia secum agit': the same practice seems to have prevailed on a smaller

armentarius Afer agit, tectumque Laremque
 armaque Amyclaeumque canem Cressamque pharetram ;
 non secus ac patriis acer Romanus in armis 346
 iniusto sub fasce viam cum carpit, et hosti
 ante expectatum positus stat in agmine castris.

At non, qua Scythiae gentes Maeotiaque unda,
 turbidus et torquens flaventis Hister harenas, 350
 quaque redit medium Rhodope porrecta sub axem.
 illic clausa tenent stabulis armenta, nec ullae
 aut herbae campo apparent aut arbore frondes,
 sed iacet aggeribus niveis informis et alto
 terra gelu late, septemque adsurgit in ulnas. 355
 semper hiemps, semper spirantes frigora cauri.
 tum sol pallentis haut umquam discutit umbras,

scale in Italy. 'Contra illae in saltibus quae pascuntur et a tectis absunt longe, portant secum crates aut retia, quibus cohortes in solitudine faciant, ceteraque utensilia,' Varro II ii 9. Possibly Virg. intended his illustration to convey an indirect precept to the Italian shepherd.

344. 'His roof and his home.' Sil. II 441 foll., imitating this passage, enumerates among the baggage of the Nomad, 'tectumque focique In silicis venis.'

345. 'Spartan dog and Cretan quiver' are unseasonable reminiscences, like those in E. x 59, G. III 12. The Numidian was not likely to be thus equipped.

346. 'Patriis' seems to refer to the manner of campaigning rather than to the actual armour.

347. 'Iniusto' of excess, like 'iniquo pondere,' I 164. The Roman soldier, besides his armour, had to carry provisions, palisades for the camp, etc. (Cic. Tusc. II 16), altogether amounting to 60 lb., according to Vegetius I 19. [Fragm. Vat. has 'invito.'—H. N.]

'Carpit' implies haste, as the next line shows.

'Hosti' is a dat. of reference, such as is more often found in the case of personal pronouns; see 258. Med. originally had 'hostem,' Pal. 'hostis.'

['Quom' fragm. Vat.—H. N.]

348. 'Ante expectatum' recurs Ov. M. IV 790; VIII 5; Sen. Ep. 114, etc. (Forb.) So 'expectato maturius.'

'Positis castris' i. q. 'et castra ponit.'

The soldiers, on coming to the end of their march, immediately encamp.

Pal. has 'agmina,' which Ribbeck prefers, supposing 'in agmina hostis' to mean 'against the ranks of the enemy.'

349. 'At non:' but things are not so, i. e. this comparison does not hold good, where, etc. The ellipse occurs IV 530, A. IV 529: in the latter place however it can be supplied at once from the context.

The geography is vague, as usual when Virgil speaks of countries out of the ordinary beat. 'Maeotia tellus' is mentioned A. VI 799 as an extreme point.

350. 'Turbidus' closely connected with 'torquens,' which it qualifies (Wagn. and Wund.). 'Hister,' II 497.

351. 'Redit' expresses the form of the mountain, stretching first to east and then to north (Serv.). For the exaggeration which places Thrace in the extreme north see IV 517.

354. 'Informis,' shapeless, like Chaos; comp. E. VI 36 note.

355. The earth is said to rise, because its height is increased by the ice and snow.

357. 'Tum' seems merely to mark the transition, 'Nay, the sun,' etc. This and the two following lines are imitated from Od. XI 15 foll., where the atmosphere of the Cimmerians is similarly described. Similar imitations occur Ov. M. XI 592; Pseudo-Tibull. IV i 65.

'Pallentis umbras,' A. IV 26, opposed here to the rosy brightness of the sun, 'rubro,' v. 359.

nec cum investus equis altum petit aethera, nec cum
 praecipitem Oceani rubro lavit aequore currum.
 concrescunt subitae currenti in flumine crustae, 360
 undaque iam tergo ferratos sustinet orbes,
 puppibus illa prius, patulis nunc hospita plaustris;
 aeraque dissiliunt volgo, vestesque rigescunt
 indutae, caeduntque securibus umida vina,
 et totae solidam in glaciem vertere lucunae 365
 stiriaque inpexis induruit horrida barbis.
 interea toto non setius aere ninguit:
 intereunt pecudes, stant circumfusa pruinis
 corpora magna boum, confertoque agmine cervi
 torpent mole nova et summis vix cornibus extant.
 hos non inmissis canibus, non cassibus ullis 371
 puniceaeve agitant pavidos formidine pinnae,

359. [As above, v. 221, a late corr. in Med. has 'lavat.'—H. N.]

360. Thomson's lines (Winter, 723 foll.) form a good comment: 'An icy gale, oft shifting, o'er the pool Breathes a blue film, and in its mid career Arrests the bickering stream.' The language is from Lucr. VI 626, 'mollisque luti concrescere crustas.'

361. 'Ferratos orbis:' from Lucr. VI 551, where 'rotarum' is expressed.

362. 'Illa,' as in A. I 3; it seems equivalent to a repetition of the noun.

Heyne seems right in saying that the rhythm requires us to connect 'patulis' with 'plaustris'; see E. II 20. The breadth and flatness of the waggon gives a notion of weight, as Ladewig rightly understands it. 'Hospita aequora,' A. III 377.

363. 'Volgo,' as in Lucr. I 238, generally or universally; comp. below v. 494, A. III 643. Strabo (II C. 74) has an account from Eratosthenes of the splitting of a bronze vessel by the cold, commemorated by an inscription in the temple of Aesculapius [at Panticapaeum]. Mr. Long suggests that the vessel contained water, which expanded when it became ice, and burst the bronze.

365. The pools from which they drank or drew water were frozen to the bottom. The line is not very clearly connected with v. 364, but there is no reason to object to it, as Wund. and Keightley do. ['Vertere,' intrans. A. X 240 note.]

['Lucunae:' Med. originally and so Ribbeck; good MS. authority supports the form in Lucr. III 1031, VI 538, 552. The other MSS. here have 'lacunae.'—H. N.]

366. 'Glacie riget horrida barba,' A. IV 251, of Atlas.

367. 'Non setius:' the snow is as bad as the frost.

368. Looking back to v. 352, we must apparently convict Virg. of an oversight. Ladewig may be right in saying that the oxen would be those required to draw the 'plaustra,' v. 362. Heyne supposes that he means to allow some exceptions when the cattle are turned out to graze, and that during one of these a snow-storm comes on. But this last view can hardly be said to be borne out by the language.

369. Comp. Thomson, Winter, 240, 'Drooping, the labouring ox Stands covered o'er with snow, and then demands The fruit of all his toil.' Virg. here simply gives the physical image; in v. 525 he brings out the pathos involved in the relation of beasts to man. Rom. and fragm. Veron. have 'confecto.'

370. 'Mole nova,' the weight of a bulk not their own; so Heyne, 'insolenti, nempe nivis,' and Trapp and Martyn 'unusual weight.' 'Torpent' expresses numbness as well as mere oppression.

372. 'Puniceae saeptum formidine pinnae,' A. XII 750. 'Formido' was the name of the cord with red feathers which

set frustra oppositum trudentes pectore montem
 comminus obruncant ferro, graviterque rudentis
 caedunt, et magno laeti clamore reportant. 375
 ipsi in defossis specubus secreta sub alta
 otia agunt terra, congestaque robora totasque
 advolvere focus ulmos ignique dedere.
 hic noctem ludo ducunt, et pocula laeti
 fermento atque acidis imitantur vitea sorbis. 380
 talis Hyperboreo septem subiecta trioni
 gens effrena virum Riphæo tunditur Euro,
 et pecudum fulvis velatur corpora saetis.

the hunters stretched along the openings of the woods to drive the game into the net (Sen. de Ira II 12), its Greek appellation being *μηρινθος*. Here Virg. probably so far reverts to the common meaning as to make 'formidine' the terror inspired by the feathers.

373. They are immersed in the snow, and try in vain to push it before them. ['Sed' Pal.—H. N.]

374. 'Rudere,' properly used of asses, is transferred to lions, A. VII 16, to the monster Cacus, A. VIII 248, and even to the prow of a vessel, A. III 561. So 'bray' is sometimes used of a deer in English (though, according to Scott, Marmion IV 16, note, 'bell' is more appropriate), and Spenser makes a tiger 'bray.'

376. This Troglodytic life is reported of the Sarmatians by Mela II 1, of the Germans by Tac. Germ. 16, of the Armenians by Xenophon, an eye-witness, Anab. IV 5. In Aesch. Prom. 452 it is part of the barbarism from which Prometheus raised the human race: *κατώρυχες δ' ἔναιον, ὥστ' ἀήσυροι Μύρμηκες, ἀντρῶν ἐν μυχοῖς ἀνηλιόις*. 'Ipsi' distinguishes their own life from the state of things about them.

379. 'Noctem,' the whole time during which storms prevail and the sun does not shine.

'Ducunt:' 'noctem sermone trahebant,' A. I 748; 'nos fiendo ducimus horas,' A. VI 539. It is difficult to say whether the notion is that of speeding along or of drawing out. Here the natural length of the winter night is a reason for supposing speeding along to be meant. So in Hor. Ep. I v 11, 'Aestivam sermone benigno tendere noctem,' the meaning is that the natural shortness of the summer

night is to be counteracted by the pleasure of conversation.

'Pocula,' a draught (I 9; E. VIII 28). In the sense of a cup it could hardly stand with 'vitea,' which would have to be understood of the wood, like 'pocula fagina,' E. III 36.

380. 'Fermento:' Virg. evidently means beer, the national drink of Germany, Gaul, and other countries (Tac. Germ. 23; Pliny XIV 149; XXII 164). But it is not clear whether he uses 'fermento' of fermented grains, or mistakes the process, supposing that leaven is used.

'Sorbis:' a kind of cider seems to have been made from service berries, Pliny XIV 103; Palladius however (II 15) speaks as if he only knew it by hearsay. It is possible, though scarcely likely, that 'fermento atque sorbis' may be for 'sorbis fermentatis,' according to a suggestion of Martyn's adopted by Wagn.

381. 'Septem trioni:' 'septemtriones' were the seven stars of Ursa Major, conceived by the Romans as seven oxen ('triones boves appellantur a bubulcis' Varro). The plural form is of course older than the sing.: compare 'decemviri, decemvir.' The tmesis is used in the pl. by Cic. N. D. II 41, in the sing. by Ovid M. I 64.

382. 'Effrena:' denoting the freedom of savage life. 'Riphæo,' I 240. Dryden's rendering of this and the preceding line is amusing, when we consider the various relations between Holland and England in his day: 'Such are the cold Ryphean race, and such The savage Scythian, and unwarlike Dutch.'

383. 'Velatur' (Rom., Pal., Gud.) was restored by Heins. for 'velantur'

Si tibi lanitium curae, primum aspera silva
 lappaeque tribolique absint; fuge pabula laeta; 385
 continuoque greges villis lege mollibus albos.
 illum autem, quamvis aries sit candidus ipse,
 nigra subest udo tantum cui lingua palato,
 reice, ne maculis infuscet vellera pullis
 nascentum, plenoque alium circumspice campo. 390
 munere sic niveo lanae, si credere dignum est,
 Pan deus Arcadiae captam te, Luna, fefellit,
 in nemora alta vocans; nec tu aspernata vocantem.

At cui lactis amor, cytisum lotosque frequentis
 ipse manu salsasque ferat praesepeibus herbas. 395

(Med.); the plural was introduced prob. by those who wished to bring the verb into agreement with 'corpora.'—The line is closely connected with the preceding; they are assailed by the wintry wind, and they arm themselves against it.

384-393. 'If you breed sheep for wool, let them avoid prickly shrubs and luxuriant food. Be careful in the choice of rams, rejecting even those whose fleeces are unimpeachably white, if their tongues be dark. Wool is a great object: it tempted even the moon-goddess.'

384. 'Lanitium' seems rightly explained by Forcell., 'lanae proventus.' 'Lanitia' occurs in Laberius (fr. 'Pauptas') v. 67, 'lanities' in Tertullian.

['Primum,' especially, is not followed by 'deinde' or other particle: many similar passages are referred to by Munro, *Lucr.* I 161.]

'Aspera silva, Lappaeque tribolique,' I 152. These tear the wool and wound the flesh, see v. 444.

385. 'Pabula laeta,' a common expression in *Lucr.* Here the epithet is emphatic; it is luxuriant pasturage which injures the wool, *Col.* VII 2.

386. 'Continuo,' I 169. 'Mollibus' is equally emphatic with 'albos.' *Cerda* refers to *Geop.* XVIII; *Varro* II 2; *Col.* VII 2; *Pall.* VIII 4.

388. 'Tantum' admits the apparent slightness of the defect as compared with the general excellence of the ram, 'ipse.' The precept is found in all the rustic writers, some of whom (*Aristot.* H. A. VI 19; *Col.* VII 3; *Pliny* VIII 189) lay down a general rule that the colour of the fleece depends on that of the ram's tongue. The

writer in the *Geop.* (XVIII 6) so far differs from the rest as to say that it is the ewe's tongue which should be examined. *Virg.* however seems not quite to have understood his authorities. They say that a black tongue will produce black lambs, a speckled tongue, speckled; he makes a black tongue the indication of a speckled offspring.

390. 'Pleno . . . campo,' as *Heyne* remarks, lends dignity to the subject.

391. A legend borrowed from *Nicaner*, as we are told by *Macrob.* *Sat.* v 22. One version is that *Pan* changed himself into a splendid white ram, and thus induced the *Moon* to follow him—seemingly a less refined variety of the story of *Endymion*. Another is that *Pan* gave the *Moon* a choice out of his flock, and that she chose a white ram, which had a dark tongue, and so spoiled the flock. In either case 'munere' means an inducement.

302. 'Pan deus Arcadiae,' E. x 26.

394-403. 'If your object is milk, feed your cattle well with salt herbage. Some prevent kids from sucking at all. The milk when made into cheese is either sold at once or kept for the winter.'

394. 'Cytiso,' E. I 79; IX 31. 'Lotos,' not the tree, as in II 84, but the land-plant, of which there are two kinds, *ἡμερος* ('*Melilotus officinalis*,' *Linn.*) and *ἀγριος* or *Δίβρον* ('*Melilotus caerulea*'). *Keightley*, referring to *Fée*.

395. 'Ipse' is explained by *Jahn* to mean that they are not to be left to look for salt herbage for themselves. It might also mean that the farmer is to do it himself, the injunction being added merely to express the importance of the thing to be

hinc et amant fluvios magis, et magis ubera tendunt,
 et salis occultum referunt in lacte saporem.
 multi iam excretos prohibent a matribus haedos,
 primaque ferratis praefigunt ora capistris.
 quod surgente die mulsero horisque diurnis, 400
 nocte premunt; quod iam tenebris et sole cadente,
 sub lucem exportant calathis, (adit oppida pastor),

done; see IV 112. Pal. and Rom. have 'ille.'

'Salsas' seems to mean salted. Aristot. H. A. VIII 10; Col. VII 3; Pal. XII 13, speak of giving salt to sheep (Voss). 'We ourselves salt hay for our cattle. The graminivorous animals in general are fond of salt, while the carnivorous dislike it' (Keightley).

396, 397. Two reasons are given—the salt makes them drink more, and so give more milk, and it imparts a salt flavour to the milk. Of the latter Keightley says, 'this effect is doubtful.'

398. 'Multi' introduced as I 193. Ribbeck reads 'multi etiam' from Pal.

'Excretos: ' ('aut separatos, aut qui valde creverint' (Philarg.), i.e. from 'excerno' or 'exresco,' the former being right.—H. N.] The meaning is that the kids are separated immediately at birth, and are not allowed to suck at all, unlike the calves (above v. 178). Heyne takes it as = 'excernunt et prohibent; 'Wagn. of removal to a distance (as distinguished from putting on the 'capistrum'), but these expl. are not so good. [Pal. has 'extremo.'—H. N.]

399. 'Prima,' from the first, like 'iam excretos' [so H. N.], or perhaps, as Mr. Blackburn thinks, the extremities of their mouths. These 'capistra,' unlike those in v. 188, seem to have been made with iron points, which would prick the mother and make her drive the kid away. 'Praefigunt ora capistris' is for 'praefigunt capistra oribus.'

400-403. [Cheesemaking. Virgil only glances at the subject. He presupposes (1) two milkings, morning and evening, (2) two kinds of cheese, one made quickly to be eaten at once and one made to keep by a longer process, and (3) two uses, home and sale. But, as elsewhere, he does not trouble to be precise or complete, and actually gives only three examples, in 400 cheese made at night from

morning milk, its kind and use not stated; in 401-2, cheese made at once from evening milk and sold next day for immediate consumption; in 403 cheese made from evening milk by a longer process to keep till the winter for home use. And with respect to this third he mentions only a minor part of the process, the salting.

400. Varro (II xi) says midday or morning milk was taken for cheese, but Virgil seems by 'surgente . . . diurnis' to mean only morning milk, just as 'tenebris . . . cadente' means evening milk.

401. 'Premunt,' E. I 34, 81, etc. In cheesemaking, after the milk has been removed into curds and whey, the curds are pressed to dry into cheese; the longer the pressing, the longer the cheese will keep.

402. 'Exportant:' for variety Virgil mentions one thing (pressing) about the cheese from morning milk, another thing about that from evening milk: it is made at once and sent to town next dawn. The time allowed is short, but the context shows that cheese, not milk, is meant. Italian farmers did occasionally send milk to town, 'mulctram devehere,' Col. VII 8.

'Calathis,' baskets in which cheese was pressed.

'Adit . . . pastor' is parenthetically thrown in to explain, like A. I 150, 'furor arma ministrat,' etc. Fea, Keightley, Ribbeck and others object to the parenthesis, and also to the supposed antithesis between 'exportant' and 'premunt;' they accept a conj. of Scaliger, and read 'sub lucem (sc. premunt): exportans calathis adit,' etc. But this is needless, and has no MS. authority; besides, 'sub lucem premunt' balances badly with 'nocte premunt.')

There may be some playfulness in the juxtaposition of 'oppida' and 'pastor.' With the thing itself comp. E. I 21 foll., G. I 273 foll. The 'pastor' is probably the farmslave, not the owner, though it is

aut parco sale contingunt hiemique reponunt.

Nec tibi cura canum fuerit postrema, sed una
 velocis Spartae catulos acremque Molossum 405
 pasce sero pingui. numquam custodibus illis
 nocturnum stabulis furem incursusque luporum,
 aut inpacatos a tergo horrebis Hiberos.
 saepe etiam cursu timidos agitabis onagros,
 et canibus leporem, canibus venabere dammas; 410
 saepe volutabris pulsos silvestribus apros
 latratu turbabis agens, montisque per altos
 ingentem clamore premes ad retia cervum.

Disce et odoratam stabulis accendere cedrum,

not always easy to see for what class of men Virg. is writing.

403. 'Parco,' because it might be done too liberally, as Heyne explains it.

'Contingunt' probably from 'tango,' as Keightley remarks, comparing Celsus de Med. II 24, 'quae contacta sale modico sunt.'

404-413. 'It is worth while to rear dogs of the best breed, to protect you against robbers and wolves, and to hunt game.'

405. 'Spartae catulos,' vv. 44, 345. They are joined with Molossians by Hor. Epod. VI 5, 'Molossum aut fulvus Lacon, Amica vis pastoribus.' For the latter comp. also Lucr. V 1063. The Spartan dogs (called *κυνίδια* by Aristot. H. A. V 2, which may answer to 'catulos') seem to have been preferred for hunting, the Molossian as watch-dogs. Aristot. H. A. IX 1 says that Molossian hounds were much like others, but that Molossian sheep-dogs were remarkable for size and courage.

The general precept is after Hesiod (Works, 604), *και κύνα καρχαρόδοντα κομείν' μη φείδες σίτων' Μη ποτί σ' ημερόκοτος άνηρ από χρήμαθ' έληται.*

406. 'Pinguī,' fattening. Whey as a food for dogs is recommended by Dioscorides, II 80, and Col. VII 12, the latter prescribing the addition of barley-meal.

407. 'Stabulis furem . . . horrebis : ' comp. E. VI 50, 'collo timuisset aratrum.'

408. True to his habit of localizing, Virg. warns his farmer against Spanish brigands, supposing him for the moment to be settled in their neighbourhood. Varro (I xvi 2), enumerating points to be considered in the choice of a farm, men-

tions 'infesta sit regio necne,' and adds that many excellent tracts of land are undesirable for farming by reason of the neighbourhood, for instance in Sardinia and in Spain bordering on Portugal.

'A tergo' seems intended to give the notion of surprise. Med. a m. pr. has 'indignatos' for 'inpacatos.'

409. 'Onagri:' wild asses do not belong to any part of Europe, being chiefly found in Phrygia (Varro II vi 3) and Africa (Pliny VIII 174). The flesh of their foals was considered a delicacy, though Pliny (VIII 170) tells us that Maecenas preferred that of the tame ones, a taste which died with him.

410. I 308.

411. 'Volutabris' [occurs in Solinus, V 22, and other late writers].

412. 'Agens' here and A. I 191; IV 71 (comp. A. VII 481) seems to mean merely 'chasing.'

'Turbabis' appears to include the notions of rousing from their lair and throwing into confusion, like 'miscet,' A. I 191. Rom. has 'terrebis.'

413. The size of the stag (comp. A. I 192) shows the success of the sport, and confers credit on the dogs; the epithet 'ingentem' is not, as Heyne thinks, merely ornamental.

'Premes ad retia : ' 'pressisque in retia cervis,' Ov. Her. IV 41; 'Quattuor sunt venatorum officia, vestigatores, indagatores, alatores et pressores,' Isid. Orig. X ad fin. (Emm.)

414-439. 'Snakes should be got rid of by fumigating the sheds, which they infest. Attack them with sticks and stones, and they will take to flight. There is

galbanoque agitare gravis nidore chelydros. 415
 saepe sub immotis praesepibus aut mala tactu
 vipera delituit caelumque exterrita fugit,
 aut tecto adsuetus coluber succedere et umbrae,
 pestis acerba boum, pecorique aspergere virus,
 fovit humum. cape saxa manu, cape robora, pastor,
 tollentemque minas et sibila colla tumentem, 421
 deice. iamque fuga timidum caput abdidit alte,
 cum medii nexus extremaeque agmina caudae
 solvuntur, tardosque trahit sinus ultimus orbis.
 est etiam ille malus Calabris in saltibus anguis, 425

one snake in Calabria of special danger, with scaly back and speckled belly, which lives on the banks of pools, feeding on fish and frogs, but in hot weather is driven into the fields, a formidable enemy to the casual sleeper.

414. There are similar warnings in Geop. XVIII 2; Col. VII 4. Pliny (XXIV 19) says that the smell of cedar shavings puts serpents to flight. 'Urit odoratam nocturna in lumina cedrum,' A. VII 13.

415. 'Galbanum,' gum from a Syrian plant, is mentioned by Pliny XIII 126, as having the power of smoking away serpents; so Diosc. III 38. The root of the plant was thought a specific against their bite, Sammonicus 846. Virg. imitated Nicander Ther. 51 foll., who recommends *βαρύδομος ἐπι φλογὶ ζωρηθεῖσα Χαλβάνη . . . καὶ ἡ πμόνεσσι τομαίῃ Κίδρος.*

'Chelydros,' II 214. 'Gravis' may either signify the intolerable smell of these reptiles (comp. v. 451, and for the fact Nicander Ther. 421 foll.) or simply = *χαλεπός*. [Nonius p. 315 and Serv. read 'gravi,' explaining it as = 'nocent' or 'noxio,' harmful to the snakes.—H. N.]

416. 'Immotis' gives the reason why the vipers may have been long secreted there. The sheds would be moved in order to be cleaned. Rom. has 'ignotis.'

'Mala tactu,' ill to handle, ends a line in Lucr. II 408, where it means rough to the touch.

417. 'Caelumque exterrita fugit' gives the reason for 'delituit.' 'Exterrita' refers to the timid nature of the snake.

418. What 'coluber' is, seems uncertain; Voss understands it of the 'coluber natrix,' Linn., which, though harmless,

was accused of sucking cows. 'Succederet' Pal.—H. N.]

420. 'Fovit humum,' like 'fovere larem,' IV 43, 'castra fovere,' A. IX 57, of constant occupation. Comp. IV 230 note.

'Cape saxa:' comp. A. V 274, 275, and Culex vv. 155 foll.

421. Almost repeated in A. II 381.

422. 'Deicere' is not an uncommon term in hunting (Emm.). Here it is rendered appropriate by 'tollentemque minas.'

'Iamque:' precept is exchanged for narrative, the meaning being merely 'this will put him to flight.' Pal. has 'namque,' a late corr. in Med. 'cumque.'

423. The head is in the ground; the volume of the body uncoils as the middle approaches the hole; the end still has a curve. The 'medii nexus' and the 'extremae agmina caudae' before formed a complication, which is now unloosed ('solvuntur'), but the tail still continues to undulate.

'Agmina,' of a serpent A. II 212, v 90: of a river A. II 782. [Rom. has 'agmine.'—H. N.]

424. If 'sinus ultimus' is to be taken strictly, 'tardos orbis' = 'tardum orbem.' Possibly Virg. may mean, as Forb. thinks, that, though the head is gone, there is still time to strike the tail. But it seems more likely that these details are merely meant for a picture. Serv. supposes the direction to be 'Caede serpentem, donec et caudae volubilitas conquiescat.'

425. The serpent meant here is the 'cherydrus,' a water-snake which abounded in Calabria (Solinus II 33). The passage is imitated from Nicander Ther. 359 foll.

squamea convolvens sublato pectore terga
 atque notis longam maculosus grandibus alvum
 qui, dum amnes ulli rumpuntur fontibus et dum
 vere madent udo terrae ac pluvialibus austris,
 stagna colit, ripisque habitans hic piscibus atram 430
 improbus ingluviem ranisque loquacibus explet ;
 postquam exusta palus terraeque ardore dehiscunt,
 exsilit in siccum et flammantia lumina torquens
 saevit agris, asperque siti atque exterritus aestu.
 ne mihi tum mollis sub divo carpere somnos, 435
 neu dorso nemoris libeat iacuisse per herbas,
 cum positis novus exuviis nitidusque iuventa
 volvitur, aut catulos tectis aut ova relinquens,
 arduus ad solem, et linguis micat ore trisulcis.

426. A. II 474. Pal. has 'corpore.'
 427. Cerda remarks that two characteristics are here mentioned, the length of the belly and the spots.

428. 'Rumpuntur fontibus' = 'erumpunt fontibus.' 'Ullus' is seldom found but in negative or interrogative sentences.

430. 'Hic,' on the banks and in the water. 'Atram : ' see I 129.

431. 'Improbus : ' see I 119.

'Ingluvies,' properly a bird's crop (Col. VIII 5), here means the stomach, whence it comes to be used as a synonym for gluttony (Hor. S. I ii 7, etc.). [The Berne scholia, in a note probably derived ultimately from Verrius Flaccus (see Paulus, Fest. p. 112 M.) say 'ingluviem, gulam : ingluviem est spatium gulae, unde et glutum et glutire dicimus per ingluviem aliquid demittere.'—H. N.]

'Ranis : ' comp. vv. 82 foll. of the *Batrachomyomachia*, where the frog dives to avoid a water-snake.

433. 'Exsilit,' Rom. and practically Pal. Med. has 'extulit.' [Ribbeck reads 'exsulit,' i.e. 'exsilit.'—H. N.]

'Flammantia lumina : ' 'Ardentissime oculos suffecti sanguine et igni,' A. II 210.

434. 'Siti : ' Serv. refers to Sall. Jug. 89, 'natura serpentium, ipsa pernicioso, siti magis quam alia re accenditur.'

435. 'Ne' Pal., Rom. ; 'nec' Med., Gud. The latter, though less usual, would be defensible ; comp. Ov. Trist. I i 11, etc.

'Divum' (or 'dium') is only used in the expressions 'sub divo,' 'sub divum'

(Hor. Od. I xviii 12). 'Dio' (Pal.) was the old reading ; Med., Rom., and others have 'divo.'

436. 'May I never take a fancy.' 'Dorso nemoris' is explained by Hor. S. II vi 91, 'praerupti nemoris . . dorso,' the back or ridge of a mountain on which a wood grows.

'Iacuisse : ' Madv. (§ 407, obs. 2) remarks that this use of the perf. instead of the present inf. by poets is especially found after 'verba voluntatis et potestatis.'

437. A. II 473.

438. The reference is probably to the serpent's casting his skin twice in the year, in the spring and autumn, 'catulos relinquens' marking the spring, 'ova' the autumn. So Heyne and Keightley, referring to Aristot. Hist. A. VIII 17. The drought mentioned in the preceding verses points to the later rather than to the earlier time.

439. The ablatives, 'linguis,' 'ore,' are not easy to explain, though 'micat' would be sufficiently intelligible with either separately. The choice seems to lie between (1) making 'ore' local, which would leave 'linguis' for an instrumental or modal ablative, like 'micat auribus,' v. 84, and (2) supposing that 'micat ore' is regarded as a single notion (see I 360), 'linguis' being instrumental as above, so as to answer the purpose of a yet further specification. The line recurs A. II 475.

'Trisulcis : ' the tongue of the serpent is two-forked ; other poets, and Pliny XI 171, have, however, followed Virg.

Morborum quoque te causas et signa docebo. 440
 turpis ovis temptat scabies, ubi frigidus imber
 altius ad vivum persedit et horrida cano
 bruma gelu, vel cum tonsis inlutus adhaesit
 sudor, et hirsuti secuere corpora vepres.
 dulcibus idcirco fluviis pecus omne magistris 445
 perfundunt, udisque aries in gurgite villis
 mersatur, missusque secundo defluit amni;
 aut tonsum tristi contingunt corpus amurca,
 et spumas miscent argenti vivaque sulphura

440-463. 'As to the diseases of sheep, they are liable to scabs from the weather or from uncleanness or scratches when new shorn. To remedy this, they are well washed, or rubbed with ointment after shearing. Lancing is good, and, in case of violent inflammation and fever, bleeding in the feet.'

440. The diseases of sheep and other cattle are touched upon by Cato *xcvi*, and by Varro *ii* i, the former talking only of the scab, the latter, though very briefly, of other complaints. Col. *vii* 5 goes more fully into the subject, referring as usual to Virg.

441. 'Oves frequentius quam ullum aliud animal infestantur scabie,' Col. *l. c.* 'Temptat,' E. *i* 49. 'Frigidus imber,' *i* 259. For 'ubi' Rom. has 'cum.'

442. 'Persedit:' 'clades nova pestilientiasque . . . fruges persedit in ipsas,' *Laer. vi* 1125.

443. ['Inlutus' Med., Pal., Rom., Gud.: 'inlotus' Med. corr. and Gud. corr. Ribbeck reads 'inlautus.'—H. N.]

Columella says 'si tonsum gregem patiaris silvestribus rubis aut spinis sauciari' (*l. c.*). He adds two other causes of 'scabies'—lodging in a shed used for horses, mules, or asses, and especially deficiency of food.

445. Comp. *i* 272 note.

446. 'Ipse aries etiam nunc vellera siccata,' E. *iii* 95, where accidental immersion is spoken of.

447. 'Missus,' like 'missa Pado,' *ii* 452 note. For this sense of 'defluit' Forcell. instances Curt. *ix* 8, 'sumptis ducibus amnis peritis, defluit ad insulam;' Suet. Nero 27, 'quoties Ostiam Tiberi deflueret.' Keightley suggests that the detail may be meant to convey a precept of washing the sheep in running water rather than in pools.

448. 'Amurca,' *i* 194. Cato (*xcvi*) says the ointment should be a compound of 'amurca,' water in which lupines have been boiled, and lees of wine, to which Col. (*l. c.*) adds white hellebore, if the ointment is used as a cure, not as a preventive. They add that the sheep are to be left in this condition two or three days, and then washed in the sea or in salt water. Varro (*ii* xi) prescribes wine and oil, mixed, according to some, with white wax and hog's lard. Virg.'s list of ingredients is much more formidable than either. Many of them, Keightley remarks, are needless, as in nearly all the receipts to be met with in ancient writers, and in those among ignorant people with ourselves. Virg. does not say whether he means the ointment for prevention or cure; the mention of hellebore and the omission of the subsequent direction about washing would lead us to infer the latter, if any reliance could be placed on his precision of expression.

'Contingunt:' see on v. 403. Here however it might be from 'continguo.'

449. 'Spumas . . . argenti,' litharge of silver, i.e. as Keightley explains it, the oxide or scum that forms on the surface of silver, or of lead containing silver, when in fusion. See Pliny *xxxiii* 106 foll.

'Vivaque sulphura': so Serv., Macrob. Sat. *v* 14, Marius Victorinus [p. 212, *Fragm. Bob.* in Keil *vi* p. 637. The best MSS. have 'et sulphura viva' (which is mentioned by Marius *l. c.*; comp. Anth. *xvii* 332 p. 61 R.), but this is a corr. to avoid the hypermetric dactyl, as Con. observed: see *ii* 69.—H. N.]

'Viva,' ἀσφύρον, native sulphur, opposed to 'facticium,' πεπρωμένον. Comp. Geop. *xviii* 15.

Idaeasque pices et pinguis unguine ceras 450
 scillamque elleborosque gravis nigrumque bitumen.
 non tamen ulla magis praesens fortuna laborum est,
 quam si quis ferro potuit rescindere summum
 ulceris os : alitur vitium vivitque tegendo,
 dum medicas adhibere manus ad volnera pastor 455
 abnegat, aut meliora deos sedet omnia poscens.
 quin etiam, ima dolor balantum lapsus ad ossa
 cum furit atque artus depascitur arida febris,
 profuit incensus aestus avertere et inter
 ima ferire pedis salientem sanguine venam ; 460
 Bisaltae quo more solent acerque Gelonus,

450. 'Idaeas,' because of the pines on Ida, A. v 449, x 230. The use of pitch for the scab is recommended by Pliny XXIV 38, and by Didymus in Geop. xviii 8, and Col., for cuts received in shearing.

'Pinguis unguine,' soft and yielding. Wax can only be made so by the addition of oil (Keightley).

451. 'Gravis : ' see v. 415. Both black and white hellebore are recommended by the various writers.

'Bitumen : ' Pliny recommends a mixture of bitumen and pitch.

452. A favourable crisis in the disease is never so nigh. 'Fortuna laborum : comp. A. VII 559, 'si qua super fortuna laborum est ;' [XI 416, 'fortunatus laborum.'—H. N.] Germ. quotes Prop. I xvii 7, 'nullane placatae veniet fortuna procellae,' where 'procellae' is an attributive genitive.

453. 'Potuit' seems merely a poetical amplification, though the context speaks of unwillingness to perform the operation.

'Rescindere : ' Ense secant lato volnus, telique latebram Rescindant penitus,' A. XII 389.

454. 'Tegendo : ' see E. VIII 72. Germ. comp. Lucr. IV 1068, 'Ulcus enim vivescit et inveterascit alendo.'

455. 'Adhibere manus,' χειρουργεῖν, which, according to Diog. L. III 85, consisted of τέμνειν and καίειν.

456. 'Aut : ' restored by Heins. from Med., Rom. ; Pal. has 'et,' which Ribbeck prefers.

['Meliora omnia : ' like 'omnia fausta precari ;' Hor. Od. I xviii 3, 'omnia dura deus proposuit ;' comp. 'omnia summa

sperans' (Cic.), 'ultima omnia pati' (Sall.) etc. No parallel seems to exist with a comparative, and hence Con. preferred 'omina,' the reading of one inferior MS. 'Omnia,' Ribbeck, H. N., and most edd.]

457. 'Dolor' apparently of the 'scabies,' which has become aggravated and violently inflamed, so as to produce fever ; though it is possible that Virg. may have passed without notice to another complaint. Col. (l. c.), referring to this passage, merely says 'fabricantibus ovibus.'

'Balantum,' I 272 note ; 'venit . . . pigris balantibus agror,' Lucr. VI 1132.

458. 'Artus depascitur,' A. II 215.

459. 'Incensus aestus : ' comp. the Greek καῖσος, πυρετός. 'Avertere et ferire,' i. q. 'avertere feriendo.'

460. 'Inter ima . . . pedis,' from the ankle or between the hoofs, according to Col. l. c., who adds that blood is also taken from under the eyes or from the ear ('maxime de capite,' Varro). It is not clear, nor does it much signify, whether 'inter ima pedis' is to be connected with 'ferire' or with 'salientem.'

'Salientem' is transferred from the blood to the veins, as the veins are said 'currere,' Pers. III 91.

461. The first syllable of 'Bisaltae' is lengthened by Ov. M. VI 117 and Claudian Laud. Stil. I 134 ; shortened by Grattius 523. [Such variations in the scansion of proper names are common in Latin poetry, e. g. in Diana A. I 499, Gradivus A. III 35, Catillus VII 672. See Lachmann's Lucr. I 360, Owen's Catullus p. 158.]

cum fugit in Rhodopen atque in deserta Getarum
 et lac concretum cum sanguine potat equino.
 quam procul aut molli succedere saepius umbrae
 videris, aut summas carpentem ignavius herbas, 465
 extremamque sequi, aut medio procumbere campo
 pascentem, et serae solam decedere nocti,
 continuo culpam ferro compesce, prius quam
 dira per incautum serpent contagia volgus.
 non tam creber agens hiemem ruit aequore turbo, 470
 quam multae pecudum pestes. nec singula morbi
 corpora corripiunt, sed tota aestiva repente,

462. The line is expressed as if it referred exclusively to the 'Gelonus,' who however has really only to do with the 'deserta Getarum,' Rhodope belonging to the Thracian Bisaltae.

'Fugit' seems merely to express the migratory habits of the people, who, as Keightley reminds us, were horsemen.

Med. has 'aut' for 'atque.'

463. 'They drink (mares') milk coagulated with horses' blood.' This custom is recorded of the Massagetae by Stat. Ach. 1 307. Horace (Od. 111 iv 34) attributes the practice of drinking horses' blood to the Spanish Concani. Pliny (XVIII 100) says that the Sarmatians mixed millet with the milk or the blood of mares. The milk of mares is a common beverage of savage tribes, from Hom.'s Hippemolgi downwards. Virg. is likely enough to have mistaken the people, even if he be right about the custom.

464-477. 'If you observe a sheep fond of shade, languid in feeding, loitering, given to lying down, kill it before it infect the rest. The spread of disease is fearfully rapid, sweeping off not individuals but whole flocks. Witness what took place in the Alpine district of Noricum and the Timavus, where the pastures are still desolate.'

464. 'Molli' marks the reason why the shade is sought, and so reflects back, as Voss remarks, on the seeker.

465. 'Summas' marks the listlessness of the feeder, sheep in health being, as Mr. Blackburn observes, very close biters. For 'ignavius' Rom. has 'segnius.'

466. He uses nearly the same words to express the effect of disease which he had employed E. VIII 87, 88 to denote that of love. Pal. has 'cumbere.'

467. 'Solam' may mean that it retires alone, or it may really refer to 'nocti,' as the only thing that has the power to make it retire. [Comp. E. VIII 89.—H. N.]

468. Instead of introducing the antecedent to 'quam' he changes the sentence. Serv. and some of the old editors understood 'culpam' of the fault of neglect against which the shepherd was to guard, remarking 'habere morbum culpa non est.' Virg. however evidently expects his shepherd to feel with Henry Taylor's huntsman, 'The dog that's lame is much to blame; It is not fit to live.' The meaning is that the sheep is to be killed, not, as the Delphin editor thinks, that the disease is to be exterminated by cutting.

469. So 'volgus' of the common herd of deer, A. 1 190. 'Incautum' is doubtless meant to suggest the notion of a reckless mob, at the same time that it expresses the danger of the sheep.

Pal. has 'serpunt,' but the subj. points to the intention of the shepherd, who is to act so as not to give the malady time to spread.

470. The comparison seems to be between the quick rush of a storm-wind and the rapid spread of each of the various diseases. 'Creber,' then, will be taken closely with 'agens hiemem,' like 'creberque procellis Africus,' A. 1 85.

'Aequore' may mean either along the ocean (1 5 note), or from it, like 'ruit oceano nox,' A. 11 250.

'Aequora,' the reading of Rom. and Gud., approved by Heins. and Heyne, is rightly condemned by Wagn. as disturbing the comparison.

472. 'Aestiva,' military summer quar-

spemque gregemque simul, cunctamque ab origine gentem.

tum sciat, aérias Alpes et Norica si quis castella in tumultis et Iapydis arva Timavi 475
nunc quoque post tanto videat desertaque regna
pastorum et longe saltus lateque vacantis.

Hic quondam morbo caeli miseranda coorta est tempestas totoque autumnus incanduit aestu, et genus omne neci pecudum dedit, omne ferarum, 480

ters, is used of sheep, since they were frequently pastured in different places in summer and in winter. 'Mihi greges in Apulia hibernabant, qui in Reatinis montibus aestivabant,' Varro II ii 9, and so Pliny (XXIV 28) speaks of 'montium aestiva.' Here the quarters are put for their occupants.

['Set' Med.—H. N.]

473. 'Spemque gregemque:' 'agnos cum matribus,' Serv.

'Ab origine gentis' recurs A. I 642 of the foundation of a people. Here it means that the destruction is root and branch, sweeping off all generations alike.

474. 'Sciat,' let him know, i. e. let him bear witness from his knowledge to the fact I speak of; like *forw* in Greek, Aesch. Choeph. 602.

'Ut' Pal. for 'et.'—H. N.]

475. 'Castella,' fortified villages of Alpine tribes, Livy XXI 33, etc., almost a technical term.

The Timavus (E. VIII 6, A. I 244) is called 'Iapyus' from the neighbouring 'Iapydes.' Pal., Rom., Gud. [and the Berne scholia] have 'Iapygis,' which Serv. rightly condemns. Pal. has 'ora Timavi.'

476. 'Regna pastorum,' E. I 70.

477. ['Vocantis' Pal.—H. N. Compare Munro Lucr. I 520, Seelmann p. 171.]

478-497. 'This district was once visited by a pestilence which destroyed beasts of every kind. The symptoms varied; at one time the animals were parched up, at another they melted away. The victim died at the altar, or when slaughtered its body was found useless for augural purposes. Calves died grazing or in their stalls: dogs went mad, swine were choked.'

478. We know nothing of the epidemic described. It evidently left a sufficiently terrible recollection behind it to induce

Virg. to select it as a subject for a companion picture to that of the Plague of Athens at the end of the sixth book of Lucr. Serv. supposed the pestilence to be the same as that of Athens, which (he declares) spread into Italy, evidently an entirely gratuitous supposition. Other poets attempted similar descriptions, e.g. Ov. M. VII 523 foll., who treads in the steps of Lucr. and Virg.; Lucan VI 80 foll.

'Morbo caeli,' like 'vitio aeris,' E. VII 57.

'Miseranda' occurs as an epithet of 'lues' A. III 137, which more or less resembles this passage.

479. 'Tempestas' is explained by 'morbo caeli,' the complaint being ascribed to the season. Comp. 'letifer annus,' A. III 138, and the preliminary passage to the description in Lucr. (VI 1090-1137), where diseases are referred to the state of the air.

'Toto . . . aestu:' the full force of an unusually hot autumn, a time proverbial for sickness, was brought to bear on the atmosphere, causing or aggravating the distemper.

480. Ladewig supposes 'Neci' to be personified in such passages as the present, IV 90; A. II 85, etc. (a remark extending to 'Morti,' A. V 691; X 662; 'Leto,' A. V 806, etc.), as if 'Orco' or 'Plutoni' had been used. But 'dare exitio' in Lucr. V 95, 1000, shows that the supposition is not necessary (comp. also id. VI 1144, 'morbo mortique dabantur,' which Virg. doubtless had before him here). Where the personification is little more than a metaphor, not much is gained by attempting to discriminate it from an ordinary metaphor. Possibly it may have been more vividly present to a writer's mind at one time than at another, even where the expression employed is

corrupitque lacus, infecit pabula tabo.
 nec via mortis erat simplex; sed ubi ignea venis
 omnibus acta sitis miseros adduxerat artus,
 rursus abundabat fluidus liquor omniaque in se
 ossa minutatim morbo conlapsa trahebat. 485
 saepe in honore deum medio stans hostia ad aram,
 lanea dum nivea circumdatur infula vitta,
 inter cunctantis cecidit moribunda ministros.

precisely the same; but criticism in such cases is apt to lose itself in over-refinement, especially when exercised on a poet like Virg., who is always in search of artistic variety.

481. So Lucr. VI 1126, speaking generally of diseases, 'Aut in aquas cadit aut fruges persidit in ipsas Aut alios hominum pastus pecudumque cibatus.'

The absence of the copula after 'infecit' is doubtless meant to mark the close connexion of the two parts of the verse. The falling of the pestilence on the drink and food of the animals is coupled as a single event with that which it aggravated and partly caused, the death of the animals themselves. Virg. has imitated a line which is similarly placed at the opening of the description in Lucr. (VI 1140), 'Vastavitque vias, exhausit civibus urbem.'

'Tabo' is used partly as associated with 'tabes,' partly, as Keightley remarks, to express the analogy between the corruption of the juices of the herbage and that of human blood in death or disease. Pal. has 'corripuitque.'

482. In the following lines Virg. apparently describes the disease as going through two opposite stages, parching fever succeeded by liquefaction. 'Nec via mortis erat simplex' then means generally that the course of the disease was not uniform, as Keightley takes it, rather than that there was more than one way, as a comparison of II 73 would suggest.

'Via mortis' might mean either the path by which death approaches or that which leads to death. The parallel passages (Ov. M. XI 792; Tibull. I III 50; X 4; Prop. 4 VII 2) favour the latter sense.

['Simplex,' one, as II 73, etc. Serv. quotes from Sallust (Hist.) 'ne simplici quidem morte moriebantur:' so Livy XL XXIV 8, 'ne simplici quidem genere mortis contenti.']

483. 'Venis omnibus acta,' 'the fever coursing along every vein.'

'Adduxerat artus:' from the shrinking of the skin in fever; Heyne quotes 'adducta cutis' from Ov. M. III 398, Forb. 'macies adduxerat artus' from Ov. Her. XI 27, and 'ossaque nondum Adduxere cutem' from Lucan IV 288.

'Trahebat:' 'in manibus nervi trahe,' Lucr. VI 1190. Pal. has 'at-traxerat,' perhaps from a gloss in Philarg. 'contraxerat.'

484. 'Rursus' of a change, as v. 138. For a similar description comp. Lucr. VI 1203, 'Corruptus sanguis expletis naribus ibat: Huc hominis totae vires corpusque fluebat,' and the rhetorical account of death from the bite of a 'seps,' Lucan IX 767 foll.

485. 'Minutatim' Lucr. II 1131, etc. Here it means literally 'piecemeal.' ['Conlabsa' Med.—H. N.]

486. 'In honore deum medio,' in the middle of a sacrifice. For 'honor,' sacrifice, comp. A. I 49 'aris imponet honorem;' I 632; I 736 'laticum libavit honorem;' III 406 'in honore deorum:' [so in pl. III 118, 547. Mr. Nettleship explains it as the burden ('onus') laid on the altar: Contr. to Lat. Lex. p. 472.]

'Stans ad aram,' II 395 note.

487. 'Circumdatur' is probably to be taken strictly, 'is being put round the head.'

'Vitta,' abl. of quality with 'infula.' It might be abl. instr. with 'circumdatur,' though this would be awkward, as suggesting another construction.

488. 'Ministros,' the attendants who had the charge of the victim, as in Lucr. I 90, called in Greek ἀοζοί (Aesch. Ag. 231). Rom. has 'magistros.'

'Cunctantis' is explained by 'ante' in the next line. The same picture is given by Ov. M. VII 593 foll.

aut si quam ferro mactaverat ante sacerdos,
 inde neque impositis ardent altaria fibris, 490
 nec responsa potest consultus reddere vates,
 ac vix suppositi tinguntur sanguine cultri
 summaque ieiuna sanie infuscatur harena.
 hinc laetis vituli volgo moriuntur in herbis,
 et dulcis animas plena ad praesepla reddunt ; 495
 hinc canibus blandis rabies venit, et quatit aegros
 tussis anhela sues ac faucibus angit obessis.
 labitur infelix studiorum atque immemor herbae
 victor ecus fontisque avertitur et pede terram
 crebra ferit ; demissae aures, incertus ibidem 500

490. 'Inde,' from that victim, connected with 'impositis fibris.'

'Imponere' of offerings: A. I 49.

'Fibris,' I 484. The refusal of the flame to kindle, here arising from the state of the animal, was a bad omen. Soph. Ant. 1006.

491. This seems to introduce a new thought, the deficiency or corruption of some part of the interior of the animal, what was called 'exta muta' (Heyne). Cerda comp. Ov. l. c. 'Fibra quoque aegra notas veri monitusque deorum Prodiderat.'

492. 'Suppositi:' the throat was cut from beneath; 'Supponunt alii cultros,' A. VI 248. The line is almost repeated by Ovid.

493. The thin gore just dyes the surface of the sand.

494. The herbage was tainted, as Wagn. remarks; 'laetis' merely denotes luxuriance, answering to 'plena ad praesepla.' The misery of the scene is indefinitely heightened by their dying in the midst of plenty.

495. 'Linquebant dulcis animas,' A. III 140, *μελιηδία* or *μελίφρονα θυμὸν* in Homer and Hesiod. 'Reddebant vitam,' Lucr. VI 1108.

496. 'Catulorum blanda propago,' Lucr. IV 997. The epithet is in contrast to 'rabies.'

497. 'Angina,' *ἀγάχη* or *βράγχος*, is a disease of swine, Aristot. H. A. VIII 21.

'Obessis' seems to express the swelling of the throat, as Serv. takes it, though applicable enough to the natural state of the animal. ['Obessis' Rom. and origin-

ally Med.—H. N. See Lindsay's Latin Language p. 112.]

498-514. 'Racers fell sick, lost their appetite, and became restless, their ears drooping, and breaking out into cold sweat, their skin parched. Afterwards, as the disease advanced, their eyes glared, they breathed with difficulty, gore flowed from their nostrils, and their throats swelled. The one remedy was a draught of wine; but in time this maddened them; they tore their own flesh in death.'

498. 'Infelix studiorum:' see I 277, [Roby 1321. No precise parallel occurs, and] the exact sense of the phrase is not clear. A horse might be 'felix studiorum' either as feeling pride in his occupation or as successful in it: the negative of either would suit the sense here. Anyhow, there is more force in joining the words than (with Philarg. and Heyne) joining 'studiorum' with 'immemor.'

'Immemor herbae,' E. VIII 2. Ovid M. VII 543, imitating this passage, has 'Degenerat palmas, veterumque oblitus honorum Ad praesepe gemit, fato moriturus inertis.'

499. 'Fontisque avertitur:' perhaps modelled on *ἀποστρέφομαι τινα*; Stat. Theb. VI 192 'oppositas impasta avertitur herbas.' 'Aversari' transitive is common [in Livy, Ovid and later writers].

['Equos' Pal., 'equus' Med., 'ecus' Nonius p. 317.—H. N.]

500. 'Crebra ferit' like 'acerba sonans,' v. 149.

'Demissae aures:' Col. VI 30 mentions 'aures flaccidae' among the symptoms of disease in horses.

'Incertus' seems to mean 'irregular,

sudor, et ille quidem morituris frigidus, aret
 pellis et ad tactum tractanti dura resistit.
 haec ante exitum primis dant signa diebus ;
 sin in processu coepit crudescere morbus,
 tum vero ardentis oculi atque attractus ab alto 505
 spiritus, interdum gemitu gravis, imaque longo
 ilia singultu tendunt, it naribus ater
 sanguis, et obsessas fauces premit aspera lingua.
 profuit inserto latices infundere cornu
 Lenaeos ; ea visa salus morientibus una ; 510
 mox erat hoc ipsum exitio, furiisque reffecti
 ardebant, ipsique suos iam morte sub aegra—

appearing suddenly in profusion. 'Ibidem' refers to 'aures.' Lucr. (VI 1187) has 'sudorisque madens per collum splendidus umor,' though the description there is of human sickness.

501. 'Ille quidem' v. 217. The sweat continued to break out in the last hours, when it became cold. Cerda comp. Hippocr. IV 37, *οι ψυχροί ιδρώτες, ξὺν μὲν ὀξεί πύρεφι γιγνόμενοι, θάνατον σημαίνουσι* and Nicander. Ther. 255, *ψυχρότερος πισταῖο βολῆς περικέεται ιδρώς*.

'Morituris,' plural because he is speaking of horses, not of a particular horse. So the plurals in the following lines. It signifies 'doomed to death,' so that the sense is 'when death was certain.'

502. Lucr. (VI 1194) 'frigida pellis Duraque.' 'Ad tactum,' as we say 'to the touch,' like 'ad aspectum,' constructed generally with the words which follow, 'tractanti' being connected with 'resistit,' which 'dura' qualifies.

503. 'These are the signs of a deadly attack in its first stages.'

504. 'Sin,' as Keightley remarks, = 'but when.' Comp. 'si' A. V 64.

'Crudescere,' as A. VII 788 ; XI 833, opp. to 'mitiescere.'

505. 'Ardentes oculi,' Lucr. VI 1146, 1180. 'Attractus ab alto spiritus,' ib. 1186. Cerda comp. Hor. Epod. XI 10, 'latere petitus imo spiritus.'

506. 'Gemitu,' modal abl., as A. II 323, 413, III 664, etc. ; Roby, 1236.

'Ima' and 'longo' explain each other. Comp. with Cerda 'ilia ducere' (Hor. Ep. I i 9), of a broken-winded horse. Med. originally had 'alta' for 'ima,' doubtless from the previous line.

507. The 'singultus' is mentioned by Lucr. (VI 1160), where it seems to mean a hiccup, the *ἀδύξ κενή* of Thuc. II 49. 'Tendunt,' 'equi,' like 'dant' v. 503.

'It . . . sanguis : ' from Lucr. ; see on v. 484. 'Fauces . . . atrae Sanguine,' Lucr. VI 1147. ['Et' Pal. and Rom. corrected for 'it.'—H. N.]

508. 'Obsessas . . . lingua : ' Lucr. VI 1148 foll., 'ulceribus vocis via saepta coibat ; . . . lingua . . . aspera tactu.'

509. Oil or fat mixed with wine is prescribed by Col. VI 30, as a remedy for 'lassitudo' in horses. Germ. comp. II. VIII 190, where Hector reminds his horses of the wine Andromache used to give them. 'Inserto,' in the mouth. Aristot. (H. A. VIII 21) speaks of pouring wine into the nostrils of sick pigs. ['Insertos' Pal.—H. N.]

510. 'Lenaeos' A. IV 207 note.

511. As Macrobius (Sat. VI 2) remarks, Virg. copies Lucr. VI 1229, 'Hoc aliis erat exitio letumque parabat' (that which cured one patient killed another). The meaning apparently is that wine at first gave relief, but afterwards made the animal worse.

['Exitio : ' a double dat. is commoner, but comp. Lucr. VI 771 and exx. given by Munro there.] Pal. has 'exitio hoc ipsum.'

'Furiis reffecti' may be a kind of oxymoron, 'strength returned, but it was the strength of madness,' though it need mean no more than that the fever was increased.

512. 'Iam morte sub aegra,' even in the weakness and decay of death. Their remains of strength were exhausted in this suicidal violence.

di meliora piis erroremque hostibus illum!—
 discissos nudis laniabant dentibus artus.
 ecce autem duro fumans sub vomere taurus 515
 concidit et mixtum spumis vomit ore cruorem
 extremosque ciet gemitus. it tristis arator,
 maerentem abiungens fraterna morte iuencum,
 atque opere in medio defixa relinquit aratra.
 non umbrae aliorum nemorum, non mollia possunt 520
 prata movere animum, non, qui per saxa volutus
 purior electro campum petit amnis; at ima

513. Nicand. Ther. 186, *ἰχθρῶν που τέρα κίῖνα κάρησιν ἐμπέλαιε*. The very mention of such horrors calls forth a deprecation, 'omnis causa,' as in A. II 484. The feeling seems to be that, as such things are and must be, the gods should avert them from the speaker, who believes himself to be well deserving, and turn them on those whom he hates. The enemies here are probably those of Rome, not the poet's own, though such expressions of personal malignity, in jest or in earnest, are common elsewhere, e. g. Hor. Od. III xxvii 21. With the first part of the line comp. A. III 265.

'Errorem' madness, as in E. VIII 41. Rom. has 'ardorem.'

514. 'Nudis,' from the ulceration of the gums (Martyn), or simply from the opening of the mouth ('Mollia ricta fremunt duros nudantia dentes,' Lucr. v 1054, quoted by Heyne), or because of the looseness of their jaws ('dentes crepuere relecti,' Pers. III 101). This last would agree with 'morte sub aegra,' as explained above, their feebleness making their madness more deplorable. In any case we may agree with Philarg., 'ut foeditatem exprimeret, adiecit: nudis.'

515-536. 'Oxen fell in the act of ploughing, bloody foam gushing from their mouths; the ploughman had to separate the dead from the living, and suspend his labour. Past caring for shade, herbage, or water, they sank unnerved, with closed eyes and drooping neck, despite of all their services, and of the natural and healthful simplicity of their life. Oxen could not be got to draw the car to Juno's temple, so men had to take buffaloes, without caring to pair them. The harrow had to be substituted for the plough. Men dug

with their nails, and drew the wains themselves.'

515. Imitated by Ov. M. VII 538, 539. Comp. Plaut. Trin. II iv 122 (cited on G. II 403). 'Ecce autem' calls attention to a new object, something like *καὶ μὴν* in Greek. See A II 318, 526, etc.

'Fumans' II 542. He falls in the middle of his exertion (comp. 'duro'). 'Sub vomere' as he has to pull under the weight of the thing he drags.

516. A third imitation of Lucr. III 489, already glanced at vv. 84, 283.

517. 'Ciet gemitus,' like 'ciebat fletus,' A. III 344. ['Et' for 'it' Med and Pal. 'Tristes,' 'gloomily.'—H. N.]

518. 'Abiungens,' unyoking, [occurs here only in this sense; it is apparently an experimental variation on the ordinary 'disiungere.' Scaliger introduced it by conj. in Prop. II xviii 10. See Wölfflin's Archiv iv 305.] The present part. is for the past, IV 513, A. I 305.

'Fraterna morte' is probably to be constructed with 'abiungens,' as a poetical equivalent for 'fratre mortuo:' but it need only mean at or in consequence of his brother's death, like A. IV 502.

519. [Pal., Donatus on Terence And. II v 1, and Serv. on E. II 70 have 'reliquit,' and so Heyne. The notes of Serv. and Donatus apparently come from the same source.—H. N.]

520. An imitation, as Macrob. Sat. VI 5 has seen, of Lucr. II 361 foll. (see E. VIII 85 foll.), 'Nec tenerae salices, atque herbae rore vigentes Fluminaque illa queunt summis labentia ripis Oblectare animum subitamque avertere curam.' Virg. refers to the ox which has just fallen dying.

522. In deviating from Lucr. I. c. Virg. has perhaps thought of what would charm

solvuntur latera, atque oculos stupor urget inertis,
 ad terramque fluit devexo pondere cervix.
 quid labor aut benefacta iuvant? quid vomere terras
 invertisse gravis? atqui non Massica Bacchi 526
 munera, non illis epulae nocuere repostae:
 frondibus et victu pascuntur simplicis herbae,
 pocula sunt fontes liquidi atque exercita cursu
 flumina, nec somnos abrumpit cura salubris. 530
 tempore non alio dicunt regionibus illis
 quaesitas ad sacra boves Iunonis, et uris

spectators rather than of what would attract cattle. Certainly the words 'qui . . . amnis' show a genuine feeling for the picturesque as distinct from the mere utilitarian appreciation of nature, such as has been supposed to characterize the classical writers when compared with the moderns.

'Purior electro:' prob. imitated from Callim. Cer. 29, *ἄστ' ἀλεκτρυον ἕδωρ Ἐξ ἀμαρᾶν ἀνέθου*. Virg. uses 'electrum' both of amber (E. VIII 54) and of the metal (A. VIII 402, 624): either might be meant here [but the latter (i.e. bright as silver) is the more probable: comp. Iliad II 753 *ἀργυροδίης*, Ovid M. III 407, etc.].

'Ima latera,' apparently like 'ima ilia,' v. 506, the extremity of the long flank, implying that the whole length is relaxed and unnerved.

523. 'Dura quies oculos et ferreus urget Somnus,' A. X 745. ['Urguet' Pal. and Rom.—H. N.]

524. 'Fluit' expresses gradual sinking. 'Ad terram non sponte fluens,' A. XI 828, of Camilla falling from her horse in death; Curt. VIII 14, 'Rex fluentibus membris, omissisque armis, vix sui compos;' Martial XI xli 3, 'Cedentis oneri ramos silvamque fluentem Vicit.'

525. Scaliger (Poet. v 11) says of this and the five following lines 'malim a me excogitata atque confecta quam vel Croesum vel Cyrum ipsum dicto habere audientem.' Their spirit is that of a gentle accusation of destiny, not unlike the tone of A. II 426 foll. 'Benefacta,' his services to men.

526. 'Gravis' expresses the difficulty he has surmounted. He has performed his part in the grand system of labour which the gods have ordained (I 63, 121 foll.), yet he reaps no fruit.

'Massica,' II 143.

527. 'Repostae:' ['aut abundantes aut variae,' Serv. and Berne schol.—H. N.] Virg. uses 'reponere' of feasts in three other passages. (1) In A. VIII 175 an interrupted feast is resumed. (2) In A. VII 134 wine is brought on after the banquet (comp. II. I 470; A. I 724). (3) In G. IV 378 we have perhaps a condensed description in which banquet and subsequent wine are put together; perhaps the cups are merely filled as emptied. In Stat. Theb. II 88, 'instaurare diem festasque reponere mensas,' a feast is resumed after interruption. Here probably 'repostae' refers to the second course, that is, it denotes abundance and luxury. Voss interprets it of cherished stores, but Heyne objects that they would go bad, and Quint. II 4 says 'fastidium moveant velut frigidi et repositi cibi.'

528. 'Simplicis' opposed to the arts of cookery displayed in an elaborate banquet.

529. 'Pocula,' the cups at human feasts, with which their draughts are contrasted. See E. VIII 28.

'Exercita cursu' (comp. 'exercita motu,' Lucr. II 97, and the use of *γυμνάζεσθαι*, Aesch. Prom. 586, 592) seems to mean 'rapid.' It is difficult to discover its exact relevancy to the case of the cattle. A contrast may be intended, as Wagn. thinks, between flowing and stagnant water: but that is indicated by the noun as much as by the epithet.

531. 'Tempore non alio:' this was the first time. 'Illaque haudque alia . . . luce,' Catull. LXIV 16.

532. 'Quaesitas,' sought and not found, like Horace's 'Sublatam ex oculis quaerimus invidi' (Od. III xxiv 32). On other occasions they offered themselves without difficulty.

'Ad sacra Iunonis:' it is not easy to determine whether Virg. has transferred to

imparibus ductos alta ad donaria currus.
 ergo aegre rastris terram rimantur, et ipsis
 unguibus infodiunt fruges, montisque per altos 535
 contenta cervice trahunt stridentia plaustra.
 non lupus insidias explorat ovilia circum,
 nec gregibus nocturnus obambulat; acrior illum
 cura domat; timidi dammae cervique fugaces
 nunc interque canes et circum tecta vagantur. 540
 iam maris immensi prolem et genus omne natantum
 litore in extremo, ceu naufraga corpora, fluctus
 proluit; insolitae fugiunt in flumina phocae.

these Alpine regions the Argive procession where the priestess was drawn by white oxen to the temple of Hera (for which Serv. and Philarg. refer to the story of Cleobis and Biton, Hdt. I 31), or whether there was any thing analogous to it in those parts. Keightley refers to Strabo v, p. 215, for the existence of a grove of the Argive Hera in the Venetian territory, and to Tac. Germ. XL for the custom among certain Germans of having the car of their goddess drawn by cows.

'Uris,' II 374. ['Aris' Pal.—H. N.] 533. 'Imparibus:' not only were they buffaloes, but they were ill-matched. The word, as Heyne remarks, may include dissimilarity in colour as well as in size. The objection of Ameis, 'multo difficilius est uros magnitudine et maxime colore impares in eadem regione invenire quam eos qui colore pares sunt,' seems rather literal, even if his view of the fact is right. His own interpretation, 'qui huic negotio impares sunt,' would yield a less forcible and natural sense.

'Donaria,' gifts, is used occasionally, especially in poetry (Ov. F. III 335; Lucan IX 515), for places where gifts are offered, temples (as here), shrines, etc.

534. Pal. has 'ipsi.'

535. 'Infodiunt,' II 348: here of burying seed in the ground.

537-547. 'Man has no longer to fear beast, nor beast man, in the presence of a greater terror. The sea throws up its fish; serpents die on land and in the water, and birds in the air.'

537. 'Insidias explorat' seems a mixture of two expressions, such as 'insidias struit' and 'loca explorat:' [explores the lurking places.—H. N.] 'Insidians' (Rom. and Gud.) does not look so Virgilian.

With the picture of the wolf comp. the simile A. IX 59 foll. The general sense of the passage is poorly imitated by Ov. M. VII 545. Lucr. VI 1219, after saying that the beasts and birds did not touch the bodies of those who died by the plague, or if they did, were poisoned, goes on 'Nec tamen omnino temere illis solibus ulla Comparebat avis, nec tristia saecla ferarum Exhibant silvis: languebant ple-raque morbo Et moriebantur.'

538. 'Nec vespertinus circumgemit ursus ovile,' Hor. Epod. XVI 51. 'Obambulare muris,' Livy XXXVI 34.

'Acrior cura:' disease is stronger than hunger or thirst of blood.

539. 'Timidi dammae,' E. VIII 28.

541. 'Iam' serves for a transition as in II 57, though here it may have a distinctly temporal force, signifying that the event has begun before that previously mentioned is ended.

'Maris immensi,' I 29.

'Natantum' like 'volantes,' 'balantes,' I 272. Comp. Soph. fr. 856 (Nauck), ἰχθύων πλωτῶ γίνεαι.

542. Comp. E. I 60. Here however the fish are dead or dying before they are thrown upon the shore. Aristot. (H. A. VIII 19) denies that fish suffer from epidemics, but later naturalists do not agree with him.

543. 'Proluit' has the same sense as in I 481, 'washes before it.'

'Insolitae' would be a more natural epithet of 'flumina,' but the river may be called unaccustomed to the seal, as well as the seal to the river, and Virg. prefers the former mode of expression, both for novelty's sake, and as giving the river a quasi-personality; see E. VI 40. The seals are cast on shore, not being able in

interit et curvis frustra defensa latebris
vipera, et attoniti squamis adstantibus hydri. 545
ipsis est aer avibus non aequus, et illae
praecipites alta vitam sub nube relinquunt.
praeterea iam nec mutari pabula refert,
quaesitaeque nocent artes; cessere magistri,
Phillyrides Chiron Amythaoniusque Melampus. 550
saevit, et in lucem Stygiis emissa tenebris
Pallida Tisiphone Morbos agit ante Metumque,
inque dies avidum surgens caput altius effert.
balatu pecorum et crebris mugitibus amnes

their sickness to contend with the waves, but they take to the rivers as the nearest approach to their natural home. Comp. Horace's well-known picture *Od. i ii 7, 8*.

544. 'Curvis latebris,' *ii 216*. The epithet is significant; the shape of their lurking place would prevent most animals from following them. *Pal. has 'depressa.'*

545. 'Attoniti,' as the serpent *v. 434* is 'exterritus.'

'Adstantibus:' the force of the compound may perhaps be given here by our 'standing up.' Comp. 'assurgo.' They erect their scales in terror or in fruitless self-defence. *Pal. strangely gives 'squamis serpentibus.'*

546. 'Ipsis,' which habitually live in it. 'Non aequus,' *ii 225*.

547. Comp. *A. v 516, 517*. ['Relinquent' *Pal.*, and so *Ribbeck*; 'relinquent' *Med.—H. N.*]

548-566. 'Remedies are in vain: horror and disease reign everywhere. The bleatings and lowings of dying cattle are heard all about; the stalls are heaped with dead, which have to be buried, for their flesh cannot be roasted or boiled, nor their hides or wool used for clothing under penalty of contagion.'

548. 'Mutari pabula,' seemingly of changing their food, not of driving them to pasture in another district.

'Iam nec' was restored by *Heins.* from *Med., Pal., Gud., etc.*, for 'nec iam' (*Rom.*). *Macrob. Sat. vi 2* quotes 'nec mutari iam,' and *Ribbeck* adopts it.

549. 'Quaesitae,' invoked, if 'artes' be taken in the sense of healing powers; invented, if it merely mean expedients of cure.

'Cessere magistri' recurs *A. xii 717*, where the herdsmen retire from a combat between two bulls, as here the healers leave the field to the disease. [*Med. originally had 'cessare.'*—*H. N.*]

'Magistri' here seems to be not, as *Voss* thinks, the 'magistri pecudum,' but 'magistri artis medendi.' Comp. *Cic. de Inv. i 25*, 'artium liberalium magistri'; *Pers. Prol. x*, 'Magister artis ingenique largitor,' and 'arte magistra' of *Iapis* the physician, *A. xii 427*, the specification being supplied from the previous clause.

550. The choice of mythic heroes of medicine to indicate that the utmost medical skill was baffled by the disease is eminently characteristic of *Virg.*'s literary spirit. It contrasts significantly with the way in which *Lucretius* enforces the same thought, in one of his finest lines, 'musabat tacito Medicina timore' (*vi 1179*), the healing art generally so clear and articulate, now muttering in voiceless terror.

Chiron's mother was *Philyra*, *Melampus's* father *Amythaon*.

551. 'Tisiphone,' mentioned merely as one of the *Furies* (*A. vi 571*), the impersonation of Vengeance, comes up from the *Shades* with Disease and Terror as her harbingers.

552. Comp. *A. xii 335*, 'circumque atrae Formidinis ora, Iraeque, Insidiaeque, dei comitatus, aguntur.'

553. The Fury increases in size, like *Fame* *A. iv 175*. A hint seems to be taken from the description of 'Religio' in *Lucr. i 64*, 'Quae caput caeli regionibus ostendebat, Horribili super aspectu mortalibus instans,' though nothing is said there about *gryphs*.

arentesque sonant ripae collesque supini. 555
iamque catervatim dat stragem atque aggerat ipsis
in stabulis turpi dilapsa cadavera tabo,
donec humo tegere ac foveis abscondere discut.
nam neque erat coriis usus, nec viscera quisquam
aut undis abolere potest, aut vincere flamma; 560
ne tondere quidem morbo inluevieque peresa
vellera nec telas possunt attingere putris;
verum etiam, invisos si quis temptaret amictus,
ardentes papulae atque immundus olentia sudor
membra sequebatur, nec longo deinde moranti 565
tempore contactos artus sacer ignis edebat.

555. 'Arentes' points to the heat, v. 479. Rom. gives 'horrentes.'

556. 'Dat,' Tisiphone. The language is from Lucr. VI 1144, 'Inde catervatim morbo mortique dabantur,' and VI 1263, 'Confertos ita acervatim mors accumulabat.'

'Ipsis' the sheds, being the places of rest for the untainted and those under treatment, were the last spots where the dead should have been allowed to lie in heaps.

557. 'Dilapsa': 'diffluentia,' Taubm. See vv. 484, 485. ['Dilapsa' Med. and Rom., 'delapsa' Pal.—H. N.]

559. 'Viscera,' according to Serv. on A. VI 253, signifies the whole carcass under the skin, so that it is the natural correlative of 'coria.'

560. As the context shows, Virg. means that the flesh cannot be cleansed or cooked: so Serv. [the Berne schol. and most recent scholars]. Heyne and Voss suppose that destruction by water or fire is meant.

'Abolere' [which Virg. is the first writer to use, means elsewhere in Virg. (A. I 720; IV 497; XI 789; comp. VII 232) and in subsequent authors, to destroy: here (Serv. says) it = cleanse. Its original sense may be to wash or wash away. (Nettleship, Contr. to Lat. Lex.). Wölfflin, who accepts here the sense of washing, derives it from ab + oleo = to grow, seen in 'adolescens,' etc.: Archiv v 107-115. Others render 'boil.']

'Vincere flamma,' cook, Tac. Hist. IV 53, 'metallorum primitiae nullis fornacibus victae'; Sammonicus, 319, 'cochleas undis calefacias et prope victas' (Forb.).

561. 'Inluevies,' αλονοία, unwashed filth, here the discharge from the sores.

Comp. v. 443, where 'inlotus sudor' is said to cause 'scabies' [and poet. ap. Cic. Tusc. III 26, 'pectus illuvie scabrum.']

562. In 'telas attingere' Virg. puts the case of the wool having been woven, and says that it would be useless; the webs would break at the touch (Wagn.). There is in fact a rhetorical climax—'The wool was too rotten to be shorn, or, if shorn, to be woven, or if woven, to be put on, or if put on, to be worn without contracting disease.'

563. 'Etiam' goes best with v. 564: 'not only was the wool rotten: it also ('etiam') produced inflammation.'

['Temptaret,' Med. originally, and so Ribbeck. 'Temparat,' Pal., Rom., etc., and so Con.—H. N.]

565. 'Sequebatur' seems to express the trickling of the sweat over the limbs, following (as it were) their course, as Heyne explains it. There might be a further reference to these symptoms as the consequence of putting on the garment—a mixture of 'sudor sequebatur' and 'sudor per membra ibat.'

'Moranti' of the patient, who had not to wait long before he was seized.

566. 'Contactos' is explained by the substantive 'contagium.' ['Contractos' Pal., and originally Gud.—H. N.]

'Sacer ignis,' akin to erysipelas, but according to Celsus v 28, not identical with it. Lucr. VI 1167, compares the ulcers in the plague to the effect of the 'sacer ignis,' and in v. 660 speaks of the disease itself, 'Existit sacer ignis, et urit corpore s rpens Quaecumque arripuit partem, repitque per artus,' where the last clause will illustrate 'membra sequebatur.'

LIBER QUARTUS.

THE culture of bees forms the subject of the Fourth Book. In the first part of it (vv. 1-115) the poet deals with hives and hiving, and passes on to a brief digression (vv. 116-148) in which he apologizes for the absence of any disquisition on gardening, and describes a visit once paid by him to a gardener at Tarentum. He then (vv. 149-314) returns to bees, their nature, the belief that they are inspired, their diseases, and devotes the rest of the book (vv. 315-566) to a famous account of the story of Aristaeus, suggested by the Egyptian device for rearing bees from the carcasses of cattle.

The story of Aristaeus, or at least the legend of Orpheus contained in it (vv. 453-537) seems not to have formed the original conclusion of the book. Servius twice tells us (E. x 1 and G. iv 1) that the poet Cornelius Gallus 'fuit amicus Vergilii adeo ut quartus Georgicorum a medio usque ad finem eius laudes teneret, quas postea iubente Augusto in Aristaei fabulam mutavit.' Heyne, Voss and others—[most recently Pulvermacher in his tract 'de Georgicis retractatis,' pp. 32-42]—discredit this, seeing nothing in the subject of the book to suggest any elaborate panegyric on Gallus. Keightley, however, points out that the mention of the Egyptian device for rearing bees (vv. 287 foll.) may have led up to an eulogy on the man who was the first governor of Egypt [B.C. 30—27?], and, if this was the case, we can understand the topographical overloading of the lines describing that country. The subsequent disgrace of Gallus and his suicide in B.C. 26 supply an adequate motive for the suppression of the eulogy and the substitution of something else. How much may have been suppressed, we cannot decide. Keightley thinks the passage extended only to a few lines which were fairly easily removed. [Schanz in his 'History of Roman Literature' (ii 32) would limit the alteration to the legend of Orpheus: Proteus, he argues, is asked to reveal the secret of rearing bees (v. 449), and his inappropriate reply about Orpheus may be a substitute for a panegyric on Gallus.] But there is no difficulty in taking the assertion of Servius as it stands, and in supposing that the episode of Gallus was as considerable in its range and pretensions as the episode of Aristaeus. In the Sixth Eclogue Virgil introduced his friend among the personages of the old mythology: he may well have contrived here that his bees should hum the praises of Gallus through half a book, and yet not weary the reader.

PROTINUS aërii mellis caelestia dona

1-7. 'I come to the making of honey, still hoping for Maecenas' patronage. It opens a new world, the life of a commonwealth in miniature; a humble subject, but one which may bring glory to the poet, if Apollo inspire him.'

This exordium is even briefer than that of Book II. There is no deity to be invoked as the special patron of this part of

the subject, like Bacchus or Pales. And the episode of Aristaeus furnishes a halting-place of such length, that Virg. may well have felt that his readers ought to be delayed as little as possible on the border of his new province.

'Protinus' ['protenus' Pal., see E. i 13] expresses that in speaking of bees he is following the course of his subject.

exsequar. hanc etiam, Maecenas, aspice partem.
 admiranda tibi levium spectacula rerum
 magnanimosque duces totiusque ordine gentis
 mores et studia et populos et proelia dicam. 5
 in tenui labor; at tenuis non gloria, si quem
 numina laeva sinunt auditque vocatus Apollo.
 Principio sedes apibus statioque petenda,
 quo neque sit ventis aditus (nam pabula venti

'Aerii mellis,' referring to the supposed origin of honey from dew (E. IV 30 note), *μέλι δὲ τὸ πίπτον ἐκ τοῦ αἵρος, καὶ μάλιστα τῶν ἀσπρῶν ἀνιτρολαίς, καὶ ὄταν κατασκήψῃ ἢ ἱρῆς*, Aristot. H. A. V 22; so Pliny XI 30. Compare Sen. Ep. 85, 'quibusdam placet non faciendi mellis apibus scientiam esse, sed colligendi. Hinc mel aerium Vergilio, quod ex rore aeris factum: Pro-tinus—dona.' [Philarg. quotes a statement of Celsus that bees made their wax from flowers (see v. 40 below), and their honey from dew.—H. N.]

'Caelestia' is to be understood partly in the sense of 'aerii,' partly as an acknowledgment that the gift is from the gods.

2. 'Exsequi' is frequently used of going through a subject, as in Livy XXVII 27, 'si quae variant auctores omnia exsequi velim:' Tac. A. III 65, 'exsequi sententias haud institui, nisi insignes.'

'Aspice' in the sense of regarding with favour. 'Aspice et haec,' Pers. I 125.

3. 'Admiranda' is an epithet of 'spectacula.' A contrast is intended between 'admiranda spectacula' and 'levium rerum,' and the two following lines are epeugetical. 'A marvellous exhibition of pigmy history, high-souled leaders, and the life of a whole nation, its character, its genius, its races, its battles.' 'Spectacula' seems to be suggested by 'aspice.'

4. The force of 'magnanimos' is expressed by a whole line lower down, v. 83, 'Ingentis animos angusto in pectore versant.' 'Ordine' is constructed with 'dicam,' but its position after 'totius' is significant, implying that the whole is to be regularly divided into its parts.

5. 'Mores' [natural character, 'studia,' pursuits, i.e., the natural endowments and acquired faculties. The two words are coupled in Cic. de Am. 7 (see Reid's note), Acad. I 20. In III 498 'studia' is used of horses.]

'Populos' [civic communities (H. N.)

Conington rendered 'clans.' 'Gens,' of course, includes 'populi' (whatever its sense), as in A. X 202, where several 'populi' make one 'gens.'

6. 'In tenui,' of the thing on which the labour is spent, as 'laborare in re' is often used. In Tac. A. IV 32 'nobis in arto et inglorius labor,' the image is taken from exercising in a confined space.

'Tenuis non gloria:' the glory of a poet whom the gods inspire is not to be measured by the littleness of his theme. He does not advert, as in III 289 foll., to the slightness of the subject as enhancing the triumph of the man who could adorn it.

7. 'Numina laeva sinunt,' 'whose evil star leaves him free.' 'Laeva' was interpreted by Gell. V 12 to mean 'adverse:' [Nonius on the other hand (pp. 51, 331), Philarg., Serv., and the Berne scholia] explain it to mean 'propitious.' The word itself could bear either sense, for in Roman augury the left was favourable (Pliny N. H. II 142, Festus 339, 351) while in Greek augury it was unfavourable (Cic. de Div. II 82). In Virg. it has a good sense in the phrase 'intonuit laevum' (A. II 693, IX 631), a bad sense in A. X 275 'Sirius . . . laevo contristat lumine caelum': in E. I 16 and A. II 54 'mens laeva' = foolish. [Similarly 'sinister' has both senses: 'dexter,' on the other hand, always means 'propitious.'] The use of 'sinunt' suggests that 'laeva' here means unpropitious: it implies that permission is not a matter of course.

'Auditque vocatus': compare Hor. Od. II xviii 40, III xxii 3, and A. III 395, 'aderitque vocatus Apollo.'

8-17. 'First, the situation for a hive. It should be out of the way of wind, of cattle, which spoil flowers and grass, of lizards, swallows, and other birds, which injure the garden and devour the insects.'

9-12. Quoted and adopted by Col. IX 4.

ferre domum prohibent) neque oves haedique petulci
 floribus insultent, aut errans bucula campo 11
 decutiat rorem et surgentis atterat herbas.
 absint et picti squalentia terga lacerti
 pinguibus a stabulis meropesque aliaequae volucres,
 et manibus Procne pectus signata cruentis; 15
 omnia nam late vastant ipsasque volantis
 ore ferunt dulcem nidis immitibus escam.
 at liquidi fontes et stagna virentia musco

10. 'Petulci:' an epithet of lambs in *Lucr.* II 368 [quoted with this line of *Virg.* by *Verrius Flaccus* (*Fest.* p. 206 M), whence *Macrob.* *Sat.* VI 5, may have got his note.—H. N.] ['Aedi' Rom.—H. N.]

11. Understand 'ubi,' from 'quo,' before 'insultent.'
 ['Bucula' Pal. and so *Ribbeck.*—H. N.]

'Campo:' abl. with 'errans' [A. II 489, III 204, IX 393, etc.; *Roby* 1173].

13. 'Squalentia' [denotes roughness only, as in II 348, 'squalentes infode conchas' and the common 'auro squalens,' below v. 91, etc.]

'Squalentia terga lacerti' is for 'lacerus squalenti tergo.' *Comp. A.* I 634, 'horrentia centum Terga suum'; *A.* IV 511. *Col.* (IX 7) speaks of the lizard, 'qui velut custos vestibuli prodeuntibus apibus affert exitium,' recommending as a safeguard that the hive should have two or three entrances.

14. 'Stabula:' *Col.* (IX vi 4) uses the word of bees, as elsewhere of poultry, peacocks, and even fish. 'Pinguibus' gives the reason why care should be taken. *Med.* has 'ab stabulis,' which *Forb.* and *Ladewig* adopt.

'Meropes:' the 'merops apiaster L.,' or bee-eater. 'It is like the swallow, of the fessirostral tribe, and, like it also, hunts insects on the wing. Its bill is long and slender, slightly curved; its wings long and pointed. The "meropes" usually visit Greece and Italy in flocks of from twenty to thirty; they very rarely stray so far north as England' (*Keightley*).

'Aliaequae volucres,' which *Heyne* thinks feeble, is explained by *Wagn.* as equivalent to the Greek idiom, ἀλλὰ τε πτηνὰ καὶ Πρόκηνη. He does not however produce any similar instance in Latin, and previous specification of 'meropes'

shows that 'aliae' means 'other than what precedes,' not 'other than what follows.' The phrase is probably a mere piece of inartificial writing.

15. 'Procne:' *E.* VI 78.

'Manibus cruentis:' the blood which stained her hands dropped upon her breast. Such at least is the interpretation suggested by *Ov. M.* VI 669, 'neque adhuc de pectore caedis Excessere notae, signataque sanguine pluma est.' Otherwise it would seem more natural to understand the words of her beating her breast in agony for the child she murdered, just as the note of the nightingale is interpreted as a lament for *Itys*.

The hostility of the swallow to bees as well as of the bee-eater is mentioned by *Aristot.* *H. A.* IX 40, *Geopon.* XV 2, and *Aelian* V 11, and others. [*Thompson's* *Glossary of Greek Birds*, pp. 117, 191.]

16. 'Ipsas' opposed to 'omnia.' [*Nonius*, p. 459, reads 'ipsae.'—H. N.]

'Volantis' is commonly taken as a substantive, but it seems rather to mean that bees are caught on the wing.

17. 'Nidus:' *Col.* VII 9 actually uses 'nidus' of a litter of pigs—'in cubilisuum quisque matrem nidus exspectat,' but this is probably poetical imitation rather than idiomatic prose.

'Immitibus:' the epithet is transferred from the nestlings to the nest, as *A.* XII 475, 'hirundo Fabula parva legens, nidisque loquacibus escas,' and perhaps *A.* V 214.

18-32. 'Let the hive be placed near water, and overshadowed by a tree, under which the bees can take refuge from the heat of a spring noon. Stones or branches should be thrown into the water as bridges where they can dry themselves if they get wet. There should be casia, wild thyme, savory, and violets near.' Compare for vv. 30-32 *Plin. N. H.* XXI 70.

adsint et tenuis fugiens per gramina rivus,
 palmaque vestibulum aut ingens oleaster inumbret, 20
 ut, cum prima novi ducent examina reges
 vere suo ludetque favis emissa iuventus,
 vicina invitet decedere ripa calori,
 obviaque hospitiis teneat frondentibus arbos.
 in medium, seu stabit iners seu profluet umor, 25
 transversas salices et grandia conice saxa,
 pontibus ut crebris possint consistere et alas
 pandere ad aestivum solem, si forte morantis
 sparserit aut praeceps Neptuno inmerserit Eurus.
 haec circum casiae virides et olentia late 30
 serpulla et graviter spirantis copia thymbrae
 floreat, inriguumque bibant violaria fontem.

18. This is recommended in Aristotle H. A. IX 40, Geopon. XV 2, Varro III 16, and Columella IX 5.

19. 'Tenuis:' Varro says that the water should not be more than two or three inches deep.

['Rivos' originally Med.—H. N.]

21. 'Reges': [queen bees, which the ancients in general regarded as males. Xenophon (Oecon. VII 17), however, speaks of ἡ τῶν μελιττῶν ἡγεμών, as Mr. J. A. Stewart has pointed out to me.]

['At' Pal. Med. has 'exagmina,' and so Ribbeck: see v. 103.—H. N.]

22. 'Vere suo,' their own spring, the time when they are in vigour, after their winter seclusion.

'Ludet,' according to Keightley, refers to the incessant flying backward and forward of the bees previous to the rising of the swarm.

23. 'There may be a bank near to invite them.' So 'obvia' in the next line.

'Decedere nocti,' E. VIII 88, G. III 467. Rom. has 'discedere.'

24. The image is from a man who meets his friend and detains him ('teneat') hospitably. Comp. Hor. Od. II iii 10, 'umbram hospitem,' of the shade of the pine and poplar.

25. 'Stabit,' of the 'stagna' v. 18, 'profluet,' of the 'rivus' v. 19. ['Profluit' Pal., and originally Gud.—H. N.]

27. 'That there may be many bridges for them to stand upon.' Florentinus

(Geopon. xv 2) and Varro, l. c., assign a different reason, viz., that the bees may be able to sit and drink.

28. 'Ad aestivum solem:' comp. I 398. ['Aestivom' Pal. and so Ribbeck.—H. N.]

'Morantis' seems to mean lingering near the water, or pausing in their flight, but it is not easy to see any special reason for it.

29. 'Sparsert,' sprinkled, Wund., rightly, as the context shows.

'Præceps,' the headlong sweep of the wind suggests the headlong fall of the bees.

'Neptuno' is intended 'angustis rebus addere honorem.'

30. 'Haec circum:' around this watered spot where the apiary is to be.

'Casiae,' II 213; E. II 49 note.

31. 'Serpulla,' E. II 11, ['Serpulla' Rom. 'serpulla' Med. and Pal.—H. N.]

'Thymbrae:' savory. 'Columella has (x 233) "Et satureia thymi referens thymbraeque saporem." It may be that the 'thymbrae' is the wild, the 'satueia' the cultivated plant. The savory, though cultivated in our gardens, is not one of our indigenous plants.' (Keightley.)

'Graviter spirantis' is here used in a good sense; so Pliny talks of 'odore iucunde gravi' XXI 60, 'suaviter gravi' XXV 118.

32. 'Inriguum' active, Tibull. II i 44, 'Tunc bibit inriguas fertilis hortus aquas.' So 'rigui amnes' G. II 485.

ipsa autem, seu corticibus tibi suta cavatis
 seu lento fuerint alvaria vimine texta,
 angustos habeant aditus : nam frigore mella 35
 cogit hiemps, eademque calor liquefacta remittit.
 utraque vis apibus pariter metuenda ; neque illae
 nequiquam in tectis certatim tenuia cera
 spiramenta linunt fucoque et floribus oras

33-50. 'The entrances to the hives should be narrow, to exclude heat and cold. These indeed the bees endeavour to protect themselves against, by stopping up every crevice with wax and pollen : nay, they sometimes hive underground, in hollow rocks and decayed trees. You may plaster the crevices yourself with mud and leaves. There should be no yews near, nor burning of crabs, nor marshes, nor an echo.'

33. 'Cortex,' cork, see II 453, note. 'Corticibus cavatis,' II 387.

34. ['Alvaria : ' Med. originally, Pal. Rom. etc., and so Ribbeck and most editors rightly ; see Keil on Varro R. R. III ii 11. Conington read 'alvearia' from Med. corr., Gud. etc.—H. N.]

35. The bees make their own entrances narrow, as Aristot. (H. A. IX 40) remarks. The reasons which make this desirable, as given by Col. IX 7, are the exclusion, first, of the cold, and secondly, of lizards and the larger insects. As a protection against the extremes of the weather he also lays stress on what Virg. notices afterwards, the plastering of the hives, and on their being made of a proper material, cork being the best, earthenware the worst. Keightley thinks that Virg. here misunderstood his authorities, and that Col. would not have mentioned the weather as a reason for narrow entrances, but for his deference to the poet.

36. 'Remittit' gives the opposite image to 'cogit,' Ameis remarks that 'liquefacta remittit' has the force of 'reliquefacit,' a word which is not found.

37. 'Utraque vis' = 'utriusque vis.' Comp. 'ea signa' A. II 171 note. 'Apibus metuenda : ' see II 419.

'Oras' is explained by Keightley of the entrances. 'Explant' however points rather to crevices, as Taubm. understands it, though no instance is given of 'orae' in this sense. It may mean however, as Mr. Blackburn thinks, the edges of the crevices.

38-40. [For lining the inside of the hive, covering projecting parts, filling crevices and other purposes like those here mentioned by Virgil, bees use propolis or bee-glue, a brown glutinous resin procured (according to modern observers) from poplar buds. The ancients knew this substance, though not its precise origin. See Aristotle (H. A. IX 40), οἰκοδομοῦσι τὰ κηρία φέρουσαι τῶν τε ἄλλων ἀνθίων καὶ ἀπὸ τῶν δένδρων τὰ δάκρυα ἰτίας καὶ πετλίας καὶ ἄλλων κολλωδιστάτων. τούτῳ δὲ καὶ τὸ ἔδαφος διαχρίουσι τῶν ἄλλων θηρίων ἕνεκεν: Pliny XI 16, 'e vitium populorumque mitiore cummi propolis, crassioris iam materiae, additis floribus, nondum tamen cera sed favorum stabilimentum, qua omnes frigris aut iniuriæ aditus obstruuntur : ' Varro III xvi 23. Virgil means this bee-glue here and vv. 160, 250. In v. 38 'cera' may refer to the fact (mentioned by Pliny l. c.) that bees sometimes mix propolis and wax. In v. 39 'floribus' may be due to a misconception. Bees collect the pollen of flowers, to use it (as is now known) for food, bee-bread ; but the ancients seem sometimes to have thought that it was collected to form part of the bee-glue, of which they did not know the exact nature. Hence here and in some other passages propolis is described as if in part derived from flowers. Keightley and Con. took 'fusco et floribus' to mean only pollen, but this is unlikely. Philarg. identified it with propolis ; the Berne scholia add that 'fucus' refers to the dark colour of propolis.]

39. 'Spiramenta,' I 90, here of the crevices ('rimosa cubilia,' v. 45), not [as Serv.] the entrances.

'Oras' is explained by Keightley of the entrances. 'Explant' however points rather to crevices, as Taubm. understands it, though no instance is given of 'orae' in this sense. It may mean however, as Mr. Blackburn thinks, the edges of the crevices.

explent collectumque haec ipsa ad munera gluten 40
 et visco et Phrygiae servant pice lentius Idae.
 saepe etiam effossis, si vera est fama, latebris
 sub terra fovere larem, penitusque repertae
 pumicibusque cavis exesaeque arboris antro.
 tu tamen et levi rimosa cubilia limo 45
 ungue fovens circum, et raras superinice frondes.
 neu propius tectis taxum sine neve ruberftis
 ure foco caneros altae neu crede paludi,
 aut ubi odor caeni gravis, aut ubi concava pulsu
 saxa sonant vocisque offensa resultat imago. 50

40. 'Haec ipsa ad munera:' 'ad linenda spiramenta et explendas oras.'

41. 'Visco,' I 139. 'Pice Idae,' III 460. 'Phrygiae Idae,' A. III 6. Pal. has 'tentius.'

42. 'Effossis' is commonly explained of holes formed by nature or by man. However, some bees make holes for themselves.

43. 'Fovere larem,' III 420. [The perf. is gnomic or (as it is also called) aoristic, as often in the Augustan poets and later writers. Comp. II 210, below v. 213, Hor. Ep. I ii 47. Dräger i p. 254, Roby 1479.]

'Fodere,' the old reading before Heins., supported by Med., is obviously wrong.

44. 'Pumicibus:' comp. the similes A. XII 587 and Il. II 87, where the bees issue *πίτρης* *καὶ* *γλαφυρής*. The line is an echo of G. II 453, 'Corticibusque cavis vitiosaeque ilicis alvo,' where see note.

45. The same precept is given by Col. IX 14, Varro III 16, etc.

'Et levi:' Serv. mentions a variant, 'e levi,' which occurs also in some of the cursives: it is plainly wrong.

46. 'Fovens,' because one object is to keep out the cold air. Wagn. says he should have expected 'densas,' not 'raras.' Keightley replies that the poet knew leaves do not lie close when spread on anything.

47-50. Heyne rightly vindicated the position of these against any who [like Ribbeck] would place them after v. 17. The question there was about choosing a neighbourhood for the bees where they might extend expatiate without injury: Virg. is now speaking of the hive, and after directing that it should be made weather-tight, he naturally passes on to speak about smells and sounds which might penetrate

it and injure the inmates. Heyne conceded that if the Georgics had been a dogmatic treatise, the lines might have found place after v. 17, and Ribbeck avails himself of the concession, supposing that they may have been added after the first edition of the poem.

'Tectis,' the hives, as above, v. 38.

'Taxum,' E. IX 30 (note).

['Rubentis:' 'cum uruntur, quia non sunt per naturam huius coloris.'—Serv.]

48. [Burnt crabs had several uses. The smoke was thought good for trees suffering from 'carbunculus,' (Pliny XVIII 293). The ashes were employed in certain human ailments both by the Romans (Pliny XXXII 119, etc.) and in mediæval times (Cockayne's Leechdoms ii 44).]

'Crede' is probably intransitive, 'do not trust a marsh' being equivalent to 'do not calculate on it as likely not to smell.' So probably A. VII 97, 'thalamis neu crede paratis.' In the next line 'locis' may easily be supplied from 'ubi.'

49. The dislike of bees for strong smells is vouched for by various authorities (Cerde). Thus Pliny (XI 61) says that they attack persons who are strongly perfumed; Col. (IX 14) that they are angry at those who smell of wine.

'Pulsu,' with the impact of a sound. The two clauses state the same thing.

50. Virg. seems to have been thinking of Lucr. IV 570, 'Pars (vocum) solidis adlisa locis reiecta sonorem Reddit, et interdum frustratur imagine verbi.' Varro (III xvi 12) recommends placing bee-hives 'potissimum ubi non resonant imagines,' which with Cic. Tusc. III 2, 'ea virtuti resonant, tanquam imago,' would seem to show that 'imago' was a received word for

Quod superest, ubi pulsam hiemem Sol aureus egit
 sub terras caelumque aestiva luce reclusit,
 illae continuo saltus silvasque peragrant
 purpureosque metunt flores et flumina libant
 summa leves. hinc nescio qua dulcedine laetae 55
 progeniem nidosque foveat, hinc arte recentis
 excudunt ceras et mella tenacia fingunt.
 hinc ubi iam emissum caveis ad sidera caeli
 nare per aestatem liquidam suspexeris agmen
 obscuramque trahi vento mirabere nubem, 60

an echo, not a mere poetical expression. Columella adopts a periphrasis: 'nec minus vitentur cavae rupis aut vallis argutiae, quas Graeci ἤχους vocant.' There is some impropriety in the use of 'imago' here, as though it suits 'resultat,' it cannot in strictness be called 'offensa.' That which strikes the rock ('offenditur') is the actual sound; the reflection or echo is that which is returned.

Modern writers, [most recently Lubbock, *Ants, Bees, and Wasps*, p. 290.] doubt whether bees have a sense of hearing.

51-66. 'When warm weather begins, the bees issue forth and spread themselves over the country near, culling from flowers and streams what will support their young and make wax and honey. Accordingly when you see them swarming in the air, be sure that they will make for water and trees. Rub with savory and balm the place where they are likely to settle, and make a clashing of cymbals, and they will alight of their own accord and get into the hive.'

51. 'Quod superest,' 11 346.

'Pulsam': the image seems to be partly mythological, winter being vanquished by the sun, and driven down to Tartarus; partly derived from the succession of day and night, which appear to ascend from under the earth and go down to it again.

52. In the winter the sky is closed up with clouds and bound with frost; it is opened and relaxed by light and warmth. 'Aperit annum,' 1 217.

'Aestiva' points to the twofold division of the year, 111 296.

With 'luce reclusit' comp. A. 1X 461, 'iam rebus luce reiectis,' and perhaps A. 1V 119, 'radisque retexerit orbem.'

53. 'Silvas saltusque peragrat,' A. 1V 72. Pal. has 'saltum.'

54. 'Floriferis ut apes in saltibus omnia limant,' Lucr. 111 11. 'Metunt flores,' collect the pollen (v. 38), though the verb and the epithet 'purpureos' make the expression a bold one. Col. (1X 14) however follows Virg., as Keightley observes. Something perhaps is attributable to the colour of the language, which is heightened to identify the bees with larger animals, especially with men.

'Purpureos,' E. v 38 note.

55. 'Leves' points, like 'libant' and 'summa,' to the smallness of their draught. 'Nescio . . . laetae,' 1 412. Here the words are rather difficult; they may refer to the delight of rearing their young.

56. 'Progeniem nidosque' doubtless go together (see v. 17 and 1 414).

'Foveat' probably expresses warmth as well as support (vv. 42-46), bee-bread being supposed to contribute to both.

57. ['Excludunt,' Pal. and one of Ribbeck's cursives in the margin.—H. N.]

'Fingunt': compare 'fingendorum favorum,' Cic. Off. 1 44; 'ceram fingunt,' Pliny XI 14.

58. 'Hinc' (so Med., etc., and Nonius) = 'on this account,' i.e., their love of trees and water: there appears to be a parallel between vv. 54, 55 and v. 61 (Keightley). Heyne renders it 'afterwards': Ribbeck adopts 'hic' from Pal.

'Caveis': there is no reason for supposing any reference to the seats in the theatre; the word is used of cages, hen-coops, etc. There may be an allusion to beasts let loose from their cages.

59. 'Aestatem liquidam' of the clear summer sky. E. 1X 44, 'pura sub nocte.'

60. 'Trahi' seems to signify not only length, as in v. 557, but agitation by the wind: see v. 9. 'Nubem' is used A. VII 705, of a flight of birds in the air.

contemplator: aquas dulcis et frondea semper
 tecta petunt. huc tu iussos asperge sapos,
 trita melisphylla et cerinthae ignobile gramen,
 tinnitusque cie et Matris quate cymbala circum:
 ipsae consident medicatis sedibus, ipsae 65
 intima more suo sese in cunabula condent.

Sin autem ad pugnam exierint—nam saepe duobus
 regibus incessit magno discordia motu,

61. 'Contemplator,' 1 187.

62. 'Huc,' on some tree towards which they may be tending, and to which you wish to lure them.

'Iussos,' 'those which you will have been told,' i.e. which I am going to tell you. Comp. v. 549, 'monstratas excitat aras'; A. x 444, 'aequore iusso.' Ribbeck reads 'tussos,' from a conj. of Rieske's, 'tunsos,' supported by v. 267.

'Sapores' refers rather to the smell than to the taste, as the branches were to be rubbed with the plants mentioned in the next line. ['Sopores,' Pal.—H. N.]

63. 'Melisphyllum,' balm: in Lat. 'apiastrum' (though the two are apparently distinguished by Col. ix 8). [Philarg. and the Berne scholia, from Varro III xvi.—H. N.]

'Cerintha' [often supposed to be *Cerintha aspera* L., honeywort, but not yet identified with any certainty: Bubani p. 38. Pliny xx1 70 calls it 'folio candido, incurvo, cubitalis, capite concavo mellis sucum habente,' which does not fit the honeywort.]

[Pal. has 'carmen,' perhaps a mistake for 'germen,' as Burmann suspected.—H. N.; or a reminiscence of E. ix 38.]

64. Another instance of Virg.'s magniloquence, curiously contrasting with our use of the key and warming-pan. The reference is to the mythological story which is indicated more fully v. 150 foll. The ancients were divided on the question whether the bees were frightened or pleased by the sound; Varro (III xvi) Col. (ix viii 12) and Lucan (ix 288), held the former opinion, Pliny (xi 68) and the writer in Geopon. (xv 3) the latter. Aristot. (H. A. ix 40) says that they appear to be pleased, but adds *ἔστι μὲντοι ἀπὸ τῆν ὄλων εἰ ἀκούουσιν, καὶ πότερον δι' ἡδονὴν τοῦτο ποιούσιν* (assemble after swarming) ἢ διὰ φόβον.

65, 66. 'Medicatis sedibus,' i.e., the branches so rubbed.

'Cunabula' probably refers to the hive to which the bees are to be transferred, as 'intima' seems to show.

['Intuma' Pal.—H. N.]

67-87. 'When there are two kings in the hive, there is a battle. First there are hoarse murmurs, alarms as if of a trumpet: then the bees form round their kings and issue forth into the air; the action lasts until one or the other party is routed. You may stop it by sprinkling dust among the combatants.'

67. Virg. evidently intended to give directions as to what should be done by the bee-keeper in the case of a battle, as he has just now laid down a rule to meet the case of swarming. But he strikes at once into a parenthesis which swells into a regular description, and we can only collect what the apodosis would have been from vv. 86 foll. This irregularity of structure, as Forb. remarks, has doubtless a design, the poet throwing himself into the enthusiasm of the subject, and sympathizing with his heroes.

'Exierint' refers to what has been said previously (v. 58, etc.) about their leaving the hive, so that 'ad pugnam' is emphatic, as is also shown by its position. 'If it be for battle that they have left the hive; 'if their going out be for battle.'

Other reasons for these conflicts are assigned by ancient and modern authorities besides the claims of rival monarchs, such as rivalry in getting honey (Pliny xi 58); actual want, when the inhabitants of one hive will attack another (Aristot. H. A. ix 40); and if one nation loses its queen, the vanquished will combine with the victors.

68. 'Regibus' goes with 'incessit,' as Sall. Cat. xxxi, 'mulieres, quibus . . . timor insolitus incesserat' and other passages quoted in Kritz's note there.

continuoque animos volgi et trepidantia bello
 corda licet longę praesciscere; namque morantis 70
 Martius ille aeris rauci canor increpat, et vox
 auditur fractos sonitus imitata tubarum;
 tum trepidae inter se coeunt p̄nnisque coruscant,
 spiculaque exacuunt rostris aptantque lacertos,
 et circa regem atque ipsa ad praetoria densae 75
 miscentur, magnisque vocant clamoribus hostem.
 ergo ubi ver nantae sudum camposque patentis,
 erumpunt portis, concurritur; aethere in alto
 fit sonitus; magnum mixtae glomerantur in orbem,
 praecipitesque cadunt; non densior aere grando, 80
 nec de concussa tantum pluit ilice glandis.

69. 'Trepidantia bello': 'alacritate pugnandi, non timore,' Serv. But this is a bold expression, and in default of a parallel it is better to regard 'bello' as dative (Voss.). Comp. A. VII 482, 'belloque animos accendit agrestia.'

71. 'Canor': Lucr. IV 181, applied to the note of the swan. 'Martius aeris canor' is explained by the next line to mean a sound *as* of a trumpet.

'Ille' seems to mean 'well known to warriors,' not 'well known to bee-keepers.' This noise is made by the bees not only when preparing for a battle, but before swarming out, etc. Varro (III xvi 9) says, 'Hicque duces conficiunt quaedam ad vocem ut imitatione tubae. Tum id faciunt, cum inter se signa belli et pacis habeant.'

72. 'Fractos' expresses the successive short blasts of a trumpet. [Tac. G. III 'fractum murmur.'—H. N. A. III 556 'fractas voces.']

73. Pal. has 'dum.' 'Corusco' is used with an ablative, like 'mico,' III 84, 439, to which it is equivalent in sense.

74. 'Rostris' [either, they sharpen their stings against their beaks, or, as Conington took it = 'for their beaks:'] in either case Virg. is inaccurate. Sidgwick suggests that the sight of bees rubbing their bodies with their legs to remove dirt, may be the source of the mistake, according to the first interpretation.]

'Aptant,' 'get in order for action,' a word rather common in Virg. for putting on arms, A, II 672, XI 8, etc.

75. 'Praetoria,' seems to mean the royal cell.

77. 'Nantae' is used as a finite verb, not as a participle, as Heyne would have it. Wagn. comp. III 235, 'ubi collectum robur viresque relectae.' [Nantae' Pal. The Berne scholia say, 'in Ebrii nantae, non nactae. Is 'Ebrius' Verrius Flaccus? Paulus, p. 276 M. 'renantitur significat reprehenderit. Unde adhuc nos dicimus nantiscitur et nantus, id est adeptus,' see Introd. p. lvi.—H. N.]

'Sudum,' commonly an epithet of the sky, is here applied to the season, which it distinguishes from 'imbriferum ver,' I 313. Comp. 'aestatem liquidam' above, v. 59. The bees avoid rain instinctively, very few stragglers being caught in showers.

'Camposque patentis,' A. v 552, of the ground cleared for tilting; here of the air, the battle-field of the bees. 'Patentis' apparently means cleared from storms, like 'caelo aperto' A. I 155, and the expression in v. 52 above, 'caelum reclusit.'

78. It is difficult to decide whether 'aethere in alto' belongs to 'concurritur' or to 'fit sonitus.' [Nettleship preferred the latter, Con. the former view.]

79. 'Orbis' = mêlée, [apparently like Livy II 1 7 'orbem colligere,' XXVIII xxii 15 'in orbem pugnare,' Sall. Caes., etc.]

80. Serv. reminds us that in the encounters of bees slayers perish as well as slain.

It matters little whether a verb substantive be supplied for 'densior' or 'pluit' from the next line.

81. Probus Cath. (IV 6 and 21 K.) says that Virg. uses 'haec glandis' as a nominative; Priscian (VI 96, Keil) rightly connects 'tantum glandis.'

ipsi per medias acies insignibus alis
 ingentis animos angusto in pectore versant,
 usque adeo obnixa non cedere, dum gravis aut hos
 aut hos versa fuga victor dare terga subegit. 85
 hi motus animorum atque haec certamina tanta
 pulveris exigui iactu compressa quiescunt.

Verum ubi ductores acie revocaveris ambo,
 deterior qui visus, eum, ne prodigus obsit,
 dede neci ; melior vacua sine regnet in aula. 90
 alter erit maculis auro squalentibus ardens ;

82. 'Ipsi,' the rival kings, on whom the paragraph turns : they are indicated 'insignibus alis,' just as in A. v 130 the leaders are distinguished by their arms. It is unnecessary to suppose (with Wagn.) that something has fallen out after this line.

'Per medias acies' is connected by Ribbeck with 'insignibus.'

'Insignibus' : so Col. ix 10 says the 'reges' have wings 'pulcri coloris' : in point of fact, the wings of the queens are shorter than those of the other bees.

83. Serv. compares Homer's description of Tydeus (Il. v 801), *μηκρός μὲν ἔην δέμας, ἀλλὰ μαχητής.*

'Ingentes animos,' [high thoughts, i.e. great courage, rather than great plans.]

84. 'Adeo' with 'dum' as in Plaut. Merc. III iv 71 [and often in early Latin and in Cic., see Langen, Beiträge 139. The word appears here in its primary sense, 'up to that point.']

'Aut hos Aut hos' are placed in the same way A. x 9, 10.

85. 'Fuga dare terga,' A. XII 463.

'Subegit' : we might have expected 'subegerit' [compare Roby, 1675. But 'dum . . . subegit' may express only the result (indicative), without any idea of a purpose implied in 'obnixa.']

86-87. Here Virg.'s humour breaks out, relieving what would otherwise be mere exaggeration. The rhythm of v. 86 is evidently intended to be ultra-heroic, as well as the expression.

['Motus animorum' literally stirrings of the soul, a description of the emotions : compare Cic. Tusc. III 7, de Off. I 100, 131.—H. N.]

87. So Varro l. c., Pliny XI 58. Serv. says that the dust frightens them as apparently prognosticating a storm. A

modern writer (Lond. Encycl.) thinks that they mistake dust for rain.

'Quiescunt' Med., 'quiescent' Pal., and so Ribbeck. The present harmonizes better with the preceding description.

88-102. 'When they are dispersed, kill the worse of the rivals. The distinction is easy ; one is bright, with gold spots on his body, the other cumbrous and dingy. This difference of race extends to the common bees ; in filling your hive, look out for the better sort, which gives superior honey.'

88. 'Revocaveris' : whether by sprinkling dust, or allowing the contest to have its natural end.

['Ambo' Med., Serv., etc. ; 'ambos' Pal. Philarg. and the Berne scholia mention both ; see E. VI 18.]

89. 'Deterior' is explained by vv. 92 foll. ; it has no reference to inferiority in the contest.

'Prodigus' is generally explained as opposed to 'parcus,' consuming honey without making any return, as he is not wanted as a king. Perhaps however it may mean 'superfluous,' as 'prodigus' is used of things lavished prodigally.

90. 'Dede neci' : see III 480.

'Vacua' is emphatic, implying the removal of the rival.

'Aula' is not to be pressed ; it evidently does not signify either the hive, which would not be 'vacua,' or the royal cells, of which each monarch would have one. See v. 202.

91. He begins to distinguish the two as 'alter . . . alter ;' then he breaks off that he may do it more formally.

'Maculis auro squalentibus,' spots rough with gold ; 'tunicam squalentem auro,' A. x 312 : see v. 13.

'Erit' implies that these two varieties

nam duo sunt genera, hic melior, insignis et ore
 et rutilus clarus squamis, ille horridus alter
 desidia latamque trahens inglorius alvum.
 ut binae regum facies, ita corpora plebis. 95
 namque aliae turpes horrent, ceu pulvere ab alto
 cum venit et sicco terram sput ore viator
 aridus; elucent aliae et fulgore coruscant,
 ardentibus auro et paribus lita corpora guttis.
 haec potior suboles; hinc caeli tempore certo 100
 dulcia mella premes, nec tantum dulcia quantum

will be found when there has been a battle. This agrees substantially with Varro III xvi 18, 'Praeterea ut animadvertat, ne reguli plures existant; inutiles enim fiunt propter seditiones. Et quidam dicunt, tria genera cum sint ducum in apibus, niger, ruber, varius, ut Menecrates scribit, duo, niger et varius, qui ita melior, ut expedit mellario, cum duo sint eadem alvo, interficere nigrum, cum sit cum altero rege, esse seditiosum et corrumpere alvum, quod fuget aut cum multitudine fugetur.'

92. [The two kinds are said to be the ordinary brown bee and the brighter coloured Ligurian.]

'Insignis et ore' seems to refer to mien, as distinguished from colour. ['Que' is added as a late corr. in Med. after 'melior.'—H. N. Comp. v. 137.]

93. 'Rutilus squamis' = 'maculis auro squalentibus.'

'Ille . . . alter,' II 397, where however 'hic' has not preceded. In introducing the pleonasm here, Virg. may have meant to point not only to the previous line, but to the unfinished contrast v. 91.

'Horridus desidia' seems to express the squalor arising from inaction, its hair rough, etc. Col. (IX 10) distinguishes the better sort as 'leves ac sine pilo,' from the worse, which are 'hirsuti.'

94. 'Latam . . . alvum:' with an unwieldy paunch, and slow in its movements; consequently less adapted to lead the swarm to success ('inglorius'). So Aristot. (H. A. IX 4) makes the darker monarch twice the size of the other. ['Alvom' Pal. and so Ribbeck.—H. N.]

95. 'Binae' seems to be the predicate.

96. 'Horrent' explained by 'horridus,' v. 93. From the words of Col. l. c. 'Nam deterior sordido sputo similis, tam foedus quam pulvere . . . viator,' it would seem

as if he doubted whether the comparison was to the dusty traveller or to his spittle. Most commentators take the former view, but the latter is not impossible, in spite of the harshness with which the simile would then be worded. There would then be some point in 'terram sput,' which otherwise seems to us a needlessly offensive detail.

'Alto:' the dust rising in a column; 'pulvere caelum Stare vident,' A. XII 407.

99. 'Auro et guttis:' drops of gold. See II 192 note.

'Paribus,' symmetrical like 'paribus nodis,' E. v 90. Virg., in his love of poetical surplusage, has left it doubtful whether he means 'lita corpora' to be acc. in construction with 'ardentes' or nom. in apposition. He seems to have avoided saying 'litae corpora' partly for the sake of variety, partly that he might not separate 'paribus guttis' pointedly from 'auro.' For a parallel case of doubtful construction comp. A. VI 496 (note).

100. 'Caeli tempore,' like 'caeli menses' I 335, 'caeli tempore' III 327. The seasons are spring and autumn, v. 231.

101. 'Premes:' the honey was run through wicker-work before being put into jars, Col. IX 15, Hor. Epod. II 15; so perhaps v. 140 below.

'Nec tantum dulcia:' Virg. means to extol the clearness of honey and its adaptability for mixing with wine ('mulsum,' I 344), not to disparage its sweetness; otherwise he would hardly have called it 'dulcia' in the first instance. We shall perhaps be right in supposing him to hover between two modes of expression, 'nec tantum dulcia, sed liquida,' and 'non tam dulcia quam liquida.' This use of 'tantum' for 'tam' with adjectives is not very common.

et liquida et durum Bacchi domitura saporem.

At cum incerta volant caeloque examina ludunt,
 contemnuntque favos et frigida tecta relinunt,
 instabilis animos ludo prohibebis inani. 105
 nec magnus prohibere labor: tu regibus alas
 eripe; non illis quisquam cunctantibus altum
 ire iter aut castris audebit vellere signa.
 invitent croceis halantes floribus horti,
 et custos furum atque avium cum falce saligna 110
 Hellespontiaci servet tutela Priapi.
 ipse thymum pinosque ferens de montibus altis

103-115. 'If your bees are given to flying far rather than working in the hive, clip their chief's wings. There should be a garden to attract them; do not grudge planting near the hive the herbs and trees they like, nor yet tending and watering them.'

103. 'Incerta,' vaguely, without an object, as opposed to their issuing forth to collect honey. So 'ludunt,' of expatiating idly in the air, as explained by v. 105. 'Caelo:' local abl., see I 6.

['Examina' Med. originally, and so Ribbeck: see v. 21.—H. N.]

104. 'Frigida:' opp. to the warmth imparted to the hive by their presence ('fovere' v. 43) and their labour ('servet opus,' v. 169).

['Relinunt' Med. 'relinquunt' Pal. 'relinquunt' fragm. Vat.—H. N.]

105. 'Instabilis animos,' like *κουφονόων ὀρνήθων*, Soph. Ant. 343, where there seems a mixture of moral and physical lightness. Comp. also Aristoph. Birds 169, *ἀνθρώπος ὄρνις ἀστάθμητος, πετόμενος, Ἀτίκμαρος, οὐδὲν οὐδέποτε ἐν ταύτῃ μενων.*

['Prohibebis' imperative, E. x 31, etc.]

106. 'Tu' gives force to the precept, as II 241; III 163. In II 241, as here, there may be a contrast between human labour and nature, 'do you act thus: nature will do the rest.'

'Alas eripe:' this is to be done, according to Col. IX 10, by first rubbing the hand with balm, which will prevent the bees from flying off. Didymus (Geop. xv 4) and Pliny (XI 54) speak merely of clipping the wings, and this is all that Virg. need have meant, though Col. (IX 10) says 'spoliandus est alis.'

107. 'Altum,' like 'caelo ludunt,' as opp. to flying near the flowers. The

rhythm and language of this and the next line echo I 456, 457, 'Non illa quisquam me nocte per altum Ire, neque a terra moneat convellere funem.'

108. 'Vellere signa' [pluck up the standard in the camp, i.e. move. So Cic. De Div. I 77 'signa convelli iussit,' Liv. III I II 'vellerent signa.']

109. Another way of keeping bees near the hive is to provide a garden.

'Croceis:' coloured [and perfumed] flowers, the def. for the indef. (Keightley.)

110. 'Let there be a garden, placed under the guardianship of Priapus,' seems to mean, 'Let there be a regular garden, complete in its appointments.' The following verses also direct that no labour is to be spared. At the same time the bees are meant to share in the protection extended to the garden; thieves might have an eye to the honey as well as to the fruit, and birds might carry off the bees, v. 16.

'Custos' here with a gen. of the thing guarded against, like *φυλακὴ κακοῦ*. [The construction appears to be unique, but is quite intelligible.]

'Falx saligna' carried in the hand of the figure. Med. a m. p. has 'frugum.'

111. 'Hellespontiaci:' comp. Catull. fragm. II (Ellis).

'Hunc lucum tibi dedico consecroque, Priape,

Qua domus tua Lampsaci est, quaque silva, Priape,

Nam te praecipue in suis urbibus colit ora Hellespontia, ceteris ostreosior oris.'

['Tutela Priapi' = 'tutor Priapus.']

112. 'Ipse' emphasizes the importance of the direction. It also enforces, like other passages, the necessity of personal labour, and the dignity arising from it.

tecta serat late circum, cui talia curae;
 ipse labore manum duro terat, ipse feracis
 figat humo plantas et amicos inriget imbris. 115

Atque equidem, extremo ni iam sub fine laborum
 vela traham et terris festinem advertere proram,
 forsitan et, pinguis hortos quae cura colendi
 ornaret, canerem biferique rosaria Paesti
 quoque modo potis gauderent intiba rivis 120
 et virides apio ripae, tortusque per herbam

'Pinos de montibus altis,' perhaps intended to recall the arrival of Peneus the river god at the wedding of Peleus and Thetis (Catull. LXIV 285) with trees plucked up by the roots, which he plants round the bridal dwelling; comp. also 120. For the pine on the mountains see A. v 449, for the pine in the garden E. VII 65, and below, v. 141. ['Tinos' Med. originally, Pal., is mentioned by Philarg. (who explains 'tinus' as 'laurus silvestris caerulea baca') and accepted by Ribbeck. Comp. v. 141 and Palladius I xxxvii 2.—H. N.]

113. Pal. has 'circum late.' ['Quoi' fragm. Vat. and Ribbeck.—H. N.]

114. Lucr. v 1359, 'Atque ipsi pariter durum sufferre laborem, Atque opere in duro durarent membra manusque.'

'Feracis plantas,' II 79.

115. ['Figat humo': see II 290.]

'Inriget imbris:' like 'quietem inrigat,' A. I 691. Keightley compares Col. x 147, 'Primitiis plantae modicos tum praebeat imbris Sedulus inrorans holitor,' and argues that the watering-pots of the ancients had roses like ours.

116-148. 'Were my space greater, I would gladly treat gardens as a separate branch of my subject, telling of the cultivation of roses, of endive and parsley, of gourds, of narcissus and acanthus, of ivy and myrtle. I remember seeing an old man in southern Italy, who had turned an otherwise impracticable spot into a garden, rearing his herbs and flowers, happy as a prince and living on his produce. Every thing was in season with him; nay, he would anticipate the season: his honey was ready the first: the blossoms on his trees all came to fruit: his largest trees were transplanted with success. But I must leave the theme to others.'

A graceful interpolation, sketching the plan of what might have been a fifth Georgic.

116. He recurs to the metaphor of II 41 foll. 'Equidem' refers to the precept just given. 'As I recommend the bee-keeper to cultivate flowers, I should myself write on the subject.'

117. 'Trahere,' of furling the sails, like 'contrahere.'

'Traham . . . canerem,' Forb. comp. Tibull. I viii 22, 'et faceret, si non aera repulsa sonent.' [Add Catull. vi 2 'n'sint . . . velles dicere;'] Mart. v xx 'si liceat . . . nossemus;'] Lucr. v 276 'ni recreet . . . ferent,' and exx. given there by Munro.—H. N. Oneex. is quoted from early Latin, Plaut. Aulul. III v 49, 'compellarem ni metuam.' See also Dräger ii p. 721.]

118. 'Colendi' is almost pleonastic.

119. The rosaries of Paestum are a commonplace among the Latin poets, Ov. M. xv 708, Prop. v (IV) v 61. Tenore, quoted by Keightley, says that, as he has never met with twice-blowing roses round Paestum, it is probably of cultivated roses that Virg. speaks.

'Rosaria' may depend either on 'ornaret' or on 'canerem.'

120. 'Intiba' here is not succory, *σίμυς ἀγρία*, as I 120, but endive, *σίμυς ἐηπεινή*, as being a garden plant.

121. 'Apio,' E. VI 68. The endive rejoices in the water it drinks, the banks of the stream rejoice in the parsley. Wund. comp. II 112, 'litora myrtetis laetissima.'

'Tortus per herbam,' winding along the grass. From this and 'cresceret in ventrem' Tenore supposes that Virg. refers not to the common cucumber, but to the 'cocomero serpentino' which is twice its length, has a crooked neck and swollen belly, and tastes like the melon. Virg., it should be observed, does not talk of growing the 'cucumis' amid the grass, but of its spreading so far from the place where the root is as to ramble anywhere beyond bounds.

cresceret in ventrem cucumis ; nec sera comantem
 narcissum aut flexi tacuissem vimen acanthi
 pallentisque hederas et amantis litora myrtos.
 namque sub Oebaliae memini me turribus arcis 125
 qua niger umectat flaventia culta Galaesus,
 Corycium vidisse senem, cui pauca relict
 iugera ruris erant, nec fertilis illa iuvenis
 nec pecori opportuna seges nec commoda Baccho.
 hic rarum tamen in dumis holus albaque circum 130
 lilia verbenasque premens vescumque papaver,

122. 'Cresceret in ventrem:' Forb. comp. Ov. M. II 479, 'crescere in ungues,' of Callisto's hands in her transformation into a bear; ib. v 547, 'inque caput crescit,' of Ascalaphus changed into an owl.

'Sera comantem:' in a favourable climate the narcissus flowers about the autumnal equinox. Theophr. H. P. VI 6.

123. Comp. E. III 45 note.

124. 'Pallentisque hederas,' E. III 39 note. 'Amantis litora myrtos,' II 112.

125. 'Oebaliae,' a name of Laconia, is given here, as in Claud. Prob. et Ol. Cons. 260, to Tarentum, which was founded by Spartans.

['Arcis:' Pal., Probus, Arusianus (VII 491, Keil), Philarg., the Berne scholia, and so Ribbeck, Thilo, Nettleship, etc. 'Altis,' Med. corr., Vat., Serv.; Claudian Panegy. 260, uses 'Oebalia' as a noun. Med. had originally 'autis.' Con. preferred 'altis' as having the most MS. support, but the evidence is really rather in favour of 'arcis,' which (as Con. says) is the more Virgilian.]

126. 'Niger:' 'The course of the Galaesus is short, but it is of some depth, and its waters are clear: hence Virg. calls it "dark," in opposition probably to the "flavus" Tiberis, and other rivers of Italy which were usually turbid' (Keightley). A contrast is of course intended between 'niger' and 'flaventia.'

Propertius apparently refers to this passage, III xxvi 67, where he describes Virg. himself as producing his Eclogues 'umbrosi subter pineta Galaesi.'

127. 'Corycium:' Corycus in Cilicia was famous for saffron (Pliny N. H. XXI xvii, Hor. S. II iv 68). 'Cilicum pomaria,' Mart. VIII xiv 1.

Serv. explains the epithet as referring

to Cilician pirates settled by Pompey in Calabria.

'Relicti,' waste, unappropriated. Forb. refers to Frontin. de Limit., p. 42, Goes., and Cic. Agr. I 1, 'Utrum tandem hanc silvam in relictis possessionibus, an in censorum pascuis invenistis?'

128. Contrast II 221 foll., which Virg. may have had in mind, and for the general characteristics of the country about Tarentum, ib. 197.

'Fertilis iuvenis' is perhaps like Hor. Od. II xv 8, 'olivētis . . . Fertilibus domino priori,' yielding produce to or under. Heyne takes it as an ablative, explaining it 'iuvenorum labore, aratione.'

129. 'Commoda,' if not 'opportuna,' may be transferred from human qualities: see II 223, 'facilem pecori et patientem vomeris unci.' 'Seges,' land intended for sowing, being applied improperly to 'pecori,' as pasture-land. Ribbeck however reads 'Cererī opportuna,' from a conj. of Salmasius. For the aptitude of the neighbourhood of Tarentum in general for pasture and vines, see Hor. Od. II vi 10, 11.

130. 'Hic,' pronoun rather than adverb. 'Rarum:' 'pancile' (pango), Serv.; 'planted in rows or drills,' Keightley.

'In dumis' is probably an exaggerated expression, showing the tendency of the soil against which he had to struggle.

'Holus,' the garden plants that were used for food (Keightley). 'Circum,' round the beds of garden-stuff.

131. 'Verbenas,' E. VIII 65, perhaps used here specially of vervain, as in Pliny xxv 105. It would then be planted for the sake of the bees (Heyne), and also for medicinal purposes (Martyn).

'Premens,' plant, II 346 note.

'Vescum:' see on III 175. The reference here is probably to the smallness of the poppy's seeds.

regum aequabat opes animis, seraque revertens
 nocte domum dapibus mensas onerabat inemptis.
 primus vere rosam atque autumnos carpere poma,
 et cum tristis hiemps etiamnum frigore saxa 135
 rumperet et glacie cursus frenaret aquarum,
 ille comam mollis iam tondebat hyacinthi,
 aestatem increpitans seram zephyrosque morantis.
 ergo apibus fetis idem atque examine multo
 primus abundare et spumantia cogere pressis 140
 mella favis; illi tiliae atque uberrima pinus;
 quotque in flore novo pomis se fertilis arbor
 induerat, totidem autumnos matura tenebat.

132. 'Animis,' pride (so all Ribbeck's MSS.: Seneca, *Benef.* I vii 1, quotes the line with 'animos' (i.e. imagination) which is found in some very late MSS.). The sense is: his pride was as great as if he had had a king's wealth.

For 'aequare,' with abl., see A. III 671.

133. 'Dapibus inemptis' is imitated by or from Hor. *Epod.* II 48, 'dapes inemptas apparet.' 'Onerabat' is to be noted, as expressing the abundance.

134. The infin. is not historical, as Heyne and Forb. take it, but depends on 'primus,' as in Sil. I 160 (quoted by Forcell.), 'Primus inire manu, postremus ponare Martem.' [Roby, 1361.]

135. 'Etiamnum,' Med., Pal., Gud. originally; other MSS. have 'etiannunc.' [There appears to be no difference in meaning between the two forms.]

136. 'Rumperet': Voss. comp. *Afran.* (fr. *Epistula*), v. 106, 'silices cum findit gelus.' Virg. is thinking of the effect of the cold in other places rather than at Tarentum, where the winter was mild (Hor. *Od.* II vi 17), as Keightley observes.

'Glacie . . . aquarum': Germ. comp. *Lucr.* v 530, 'Et vis magna geli, magnum duramen aquarum, Et mora, quae fluvios passim refrenat euntis.'

137. The metre of this line, and the various ways of spelling 'hyacinthi' (e.g. 'iachinti'), confused copyists. Hence we find in Pal., 'iam tum tondebat hyacinthi, and in later MSS. 'iam tum tondebat acanthi,' which was the vulgate till Heyne. Similar metrical corrections, II 71, IV 92 and often.

The commentators explain 'comam' of

the flower and 'tondebat' of gathering ('nunc violas tondere manu,' Prop. IV xiii 29).

138. 'Taunting the spring for its lateness,' as a master might a dilatory servant, whose work he had been obliged to do himself.

139. 'Fetis' may be either pregnant or just delivered (see E. I 50). Either way the sense is the same, the old man having a swarm of young bees before his neighbours; and either way Virg. is inconsistent with what he says afterwards (v. 198) of the generation of bees.

'Examine multo' is explained by 'fetis.' Pal. has 'idemque.'

140. 'Pressis favis' would naturally denote squeezing the combs: but the reference may be to straining the honey, v. 101. 'Cogere,' v. 231.

141. [For 'illi' Pal. has 'illic,' a variant recognized in the Berne scholia.—H. N.]

'Tiliae': the lime-tree is known to be a favourite with bees: Col. (IX 4) recommends it among other trees, as also the pine. For 'tiliae' Med. gives 'tilia.'

'Uberrima' might refer either to the luxuriance of the individual trees, or to the numbers in which they grew; the use of the sing. points rather to the latter.

'Pinus': Philarg. says that Virg. left a choice of two readings, 'pinus' and 'tinus.' [Med. originally had 'tinus,' which Ribbeck adopts: see v. 112.]

142, 143. It seems more idiomatic to take 'in flore novo' of the tree than of its fruit.

The tree is said 'induere se pomis,' for the fruit is regarded as there potentially,

ille etiam seras in versum distulit ulmos
 eduramque pirum et spinos iam pruna ferentis 145
 iamque ministrantem platanum potantibus umbras.
 verum haec ipse equidem spatiis exclusus iniquis
 praetereo atque aliis post me memoranda relinquo.
 Nunc age, naturas apibus quas Iuppiter ipse

that the reader may understand that the promise was fully given and fully redeemed. At the same time 'in flore novo' explains in what sense 'poma' is used, while it also suggests 'vere novo,' and so answers to 'autumno' as well as to 'matura.'

144. 'Differo,' as applied to trees, plants, etc., means to plant out, implying removal from a confined space, such as a nursery garden, to a more open one. Thus it is virtually synonymous with 'transfero'; see Col. XI 3, and comp. the use of 'digero,' G. II 54, 267. Hence it appears that Serv. and Philarg. are right (with Martyn and others) in understanding Virg. to speak of transplantation here, a sense which accords admirably with the epithets attached to the several trees, 'seras,' 'eduram,' 'iam pruna ferentis,' 'iam ministrantem,' etc. The peculiarity was that he could remove trees and plant them out when they had arrived at maturity, from which we may infer that in such cases they had been transplanted once already.

'In versum' = 'in ordinem,' like 'versu,' A. v 119, quoted by Serv. 'Versus' is said to be properly a furrow, a 'vertendo aratro,' whence it comes to be used of a written line. ['In ventum' Pal.—H. N.]

145. ['Etduram' Pal., Berne scholia, whence Ribbeck reads 'ecduram.'—H. N. See II 65.]

'Spinus' = whether the 'spinus' is the thorn, or, as Martyn takes it, the plum-tree, and, if the thorn, whether 'pruna' are sloes or plums engrafted on it, seem to be doubtful points. Pal. has 'spinus.'

146. Ov. (M. x 95) calls the plane-tree 'genialis.'

147. Cic. Verr. II i 56, 'angustiis temporis excluduntur;' Caesar B. G. VII 11, 'diei tempore exclusus, in posterum oppugnationem differt.' In the same way Virg. here complains of being cut off by the narrowness of his limits from expatiating.

'Spatio iniquo' occurs A. v 203 of sailing; we need not suppose the metaphor of the chariot-race (G. II 541) to be

resumed, unless the plural be thought to make a difference.

['Ipsa' Med. originally.—H. N.]

148. The best MSS. (Med. Pal. Gud. etc.) have 'post memoranda;' and so Col. x Praef. seems to have read. The lacuna was supplied in later MSS. either as in the text or by 'commemoranda.'

'Aliis:' Serv. says that Virg. pointed to Gargilius Martialis. But he is quoted by no earlier writer than Palladius [and lived probably about A.D. 240,] so that, as Martyn remarks, he can hardly have been intended. The task was undertaken by Columella, who wrote the tenth book of his *De Re Rustica* in verse, at the instance (as he tells us) of his friend Silvinus; but though his prose often runs into poetical phraseology, his poetry is apt to be prosaic. The Jesuit Rapin made a similar attempt at greater length, and, so far as can be judged from a quotation in Martyn's note, with greater success. Hallam, *Literature of Europe*, iii pp. 481, 482, judges very favourably of Rapin's work. Pliny (xiv 7) intimates that the real reason why Virg. did not write on flowers was the humbleness of the subject; but this seems a mere guess. It is at least as likely that he thought a rural poem could not be extended beyond four books without weariness to himself and his readers, or that he recoiled from the difficulty of minute botanical description. He might apparently have found in Nicander a model: see p. 147.

149-169. The nature and habits of bees are unique—a privilege which they owe to their ancient services to Jupiter. With them, and with them alone, the community is every thing. Hence their division of labour, some seeking food abroad, some at home making combs, some training the young, some storing honey, some keeping watch, some taking in burdens, some expelling drones—all working to one end.

149. 'Nunc age:' a Lucretian formula of transition (e.g. I 265, 921)

'Naturas:' of the natural constitution,

addidit expediam, pro qua mercede, canoros 150
 Curetum sonitus crepitantiaque aera secutae,
 Dictaeo caeli Regem pavere sub antro.
 solae communis natos, consortia tecta
 urbis habent, magnisque agitant sub legibus aevum,
 et patriam solae et certos novere penates ; 155
 venturaeque hiemis memores aestate laborem
 experiuntur et in medium quaesita reponunt.
 namque aliae victu invigilant et foedere pacto

as in Cic. ad Q. F. II 16, 'quos situs, quas naturas rerum et locorum,' so that it is virtually equivalent to 'indoles,' 'mores,' or 'ingenium.' The plural is probably used because the word is to be taken distributively, as in the passage just cited, though from Cic. N. D. II lvii 144, 'his naturis relatus amplificatur sonus,' it would seem that it might express natural qualities, as predicated of any one bee.

'Ipse:' see I 121.

150. 'Addidit' seems, from the context, to be used in our sense of 'add,' as if the bees had not had their nature originally, but received it afterwards as wages. So 'virus serpentibus addidit' (I 129).

'Quas' is simply relative, not quasi-interrogative, which accounts for the indicative 'addidit.'

'Pro qua mercede:' in simpler writing we should have had 'mercedem, propter quod paverant,' or something of the kind. Keightley well remarks, 'He makes the bees—like men with whom all through he assimilates them—to labour with a view to the reward, instead of the reward being a thing of which they had no previous conception, and which was given in consequence of their labours.'

151. [The infant Zeus was hidden from his father Saturn in a cave on Dicte in Crete, and the Cretan clan of Κουρήτες clashed arms, etc., to prevent his cries being heard and his hiding-place detected by Saturn (Callim. Hymn to Zeus 49 foll., Lucr. II 629, Ovid Fasti IV 210, etc.). The bees, attracted by the sound (comp. v. 64), came and fed him with honey. According to another version, doves fed Zeus with ambrosia, and were, in reward, turned into the Pleiades.]

153. The reference is to a community of children, like that desired by Plato in

his Republic, to which Serv. appositely refers. This is accounted for by the fact that the ordinary bees are not parents, as will be seen below.

[The emphasis seems to be on 'communis' and 'consortia,' though Con. laid it on 'urbis,' dwellings united into a city. Technically 'consortes' is used of cobeirs in an undivided inheritance or of members of a 'societas universorum bonorum': Digest xxvii I xxxi 4, Gell. I ix 'coibatur societas inseparabilis, tanquam consortium antiquum.' Here the word denotes the property thus held in common.]

Keightley observes that Virg. in his anxiety to exalt the bees must have forgotten the ants, which the ancients thought no less examples of social prudence. See I 186.

154. 'Magnis,' ornamental, like τῶν μεγάλων θεσμῶν Soph. Ant. 797, 'magnum fas nefasque' Hor. Epod. v 87. 'They live under the majesty of law.'

'Agitare aevum,' A. x 235; see II 527 above. Pal. omits 'que.'

155. 'Certi penates,' A. VIII 39, like 'certa domus' A. VI 673. Thus 'novere' is more than a mere synonym of 'habuere,' like 'norunt' A. VI 641, apparently including both the recognition of the principle of patriotism and domestic life, and familiarity with the things themselves.

156. 'Hiemis memores,' A IV 403.

157. 'In medium:' with 'quaesita,' as I 127 shows. [For 'in medium' see A. XI 335 note.]

158. Aristotle H. A. IX 40, διήρηται δὲ τὰ ἔργα . . . καὶ αἱ μὲν κηρία ἰργάζονται, αἱ δὲ τὸ μέλι, αἱ δ' ἐρθάκην· καὶ αἱ μὲν πλάττουσι κηρία, αἱ δὲ ὕδωρ φέρονται εἰς τοὺς κωντάρους καὶ μγνύουσι τῷ μέλει, αἱ δ' ἐπ' ἔργον ἔρχονται. The division of labour is of course a clear proof of a common purpose, consciously or unconsciously realized; hence 'foedere pacto.'

exercentur agris; pars intra saepta domorum
 narcissi lacrimam et lentum de cortice gluten 160
 prima favis ponunt fundamina, deinde tenacis
 suspendunt ceras; aliae spem gentis adultos
 educunt fetus; aliae purissima mella
 stipant et liquido distendunt nectare cellas;
 sunt, quibus ad portas cecidit custodia sorti, 165
 inque vicem speculantur, aquas et nubila caeli;
 aut onera accipiunt venientum, aut agmine facto

159. 'Exercentur agris:' 'exercentur equis,' A. VII 163; the abl. here is probably local.

'Saepta domorum' [i.e. 'saeptas domos.' This idiom, unknown to early Latin and very rare in Cicero, is common in Lucr. (Munro I 315, VI 1283), Sallust, Horace, Livy and later writers, especially Tacitus. Virg. has it often in the Aeneid, but avoids any bold use of it: A. I 422 'strata viarum,' II 332 'angusta viarum,' II 725 'opaca locorum,' V 695 'ardua terrarum,' VI 633 'opaca viarum,' VIII 221 'ardua montis,' XI 882 'tuta domorum' (G. III 291, A. XI 513 are different). The idiom, as Madv. 284-5 and others have observed, is sometimes partitive and sometimes denotes quality: thus 'tuta domorum' may = either 'tutae domorum partes' or 'tutae domus.' It is often difficult to determine which sense is intended: here it is plainly the latter. See G. II 197.]

160. See on v. 39. 'Lacrimam' is used like *δάκρυον* in Aristotle (there quoted) of that which exudes from flowers, as in Pliny XI 14; XXI 24; XXIII 3, of the exudations of trees, lilies, and vines. Pliny XI 24 and Theophr. Caus. Pl. I 4 (referred to by Keightley) assert that lilies are propagated by these tears. There may be also a reference, as Serv. and Cerda think, to the mythological Narcissus. Martyn compares Milton's 'daffodillies fill their cups with tears,' where however the tears, if not a mere development of the image of the cup, may refer to rain or dew.

162. 'Suspendunt:' 'This term is properly used; for bees commence their work in the top of the hive' (Sheridan). The latter part of this line, the two which follow, and vv. 167-169, are repeated with two or three slight changes, A. I 431, foll. [The statistics of such repetitions in Virg.

have been collected by Albrecht, Hermes xvi (1881), 293.]

163. 'Educunt,' lead out, teach to fly and gather honey etc. It can hardly be, as Heyne understands it, to lead out swarms (Keightley). Serv. explains it 'educendo adultos faciunt,' which would be quite possible in itself; but the context seems to point to some single act rather than to a long-continued process.

['Durissima' Med. originally for 'purissima.'—H. N.]

164. The honey is called 'nectar,' like the sweet wine, E. v 71.

165. 'Sorti' is probably the archaic form of the ablative, like 'parti,' 'ruri,' 'igni,' G. I 234. 'Cecidit sorti' is in fact only a poetical variant on the phrase 'evenit sorti' found in Livy (IV xxxvii 6; XXVIII xlv II, etc.), where 'sorti' is abl. Otherwise, as Heyne says, it might be dative, 'as their charge.' Cerda finds fault with the word, which of course cannot strictly be applied to the bees, alleging that the Roman sentinels were not appointed by lot, but succeeded by rotation; but Emm. shows in reply that both principles were observed. If Virg. has any distinct meaning, he may probably intend that the sentry-work falls by lot to the class, but is taken in turn by the individuals ('in vicem'). There may however be a distinction intended between the 'custodes,' who watch against enemies (such as those mentioned vv. 13 foll.), and the 'speculatores,' who look out for showers, perhaps flying abroad for the purpose.

166. See vv. 77, 191. 'Aguas' with 'caeli,' like 'aquae caelestis,' Hor. Od. III x 19, Ep. II i 135, [Livy IV xxx 7.] Aristotle I. c. says *ποσειδάωνες δὲ καὶ χεῖμῶνα καὶ ὕδωρ αἰ μέλιττα*.

167. Virg. may mean, as Keightley thinks, that the sentinels have also the charge of receiving the burdens and driving

ignavum fucos pecus a praesepibus arcent.
 fervet opus, redolentque thymo fragrantia mella.
 ac veluti lentis Cyclopes fulmina massis
 cum properant, alii taurinis follibus auras

170

away the drones; but this looks too like refining. The most natural sense is, that while some are keeping watch, others are receiving, others again expelling.

[‘Aut . . . aut’ = ‘alii . . . alii.’ Nettle-ship (Contrib. to Lexicography p. 390) compares Sall. Jug. LX 4, Cat. LVI 3; Varro LL. v i 10, etc.]

168. ‘Ignavum pecus,’ like ‘mutum et turpe pecus’ Hor. S. i iii 100, ‘servum pecus’ Ep. i xix 19, [probably the three earliest exx. of this contemptuous sense.]

The drones are really not expelled, but massacred after the swarms have left the hive. Varro however (III xvi 8) and Col. (IX 15) agree with Virg.; and Aelian (I 10) says that the drone is first chastised gently for stealing honey, and afterwards, on repetition of the offence, put to death.

With the order of the words in the line comp. v. 246 below, and E. III 3.

169. This sums up the description, directing the attention from the various parts to the whole effect. So at the end of the similar description of the ants, A. IV 407, ‘opere omnis semita fervet.’

‘Redolent . . . mella:’ compare the concluding clauses of other descriptions, A. VII 466, 590, 701, where a fact of sight or hearing, as here of smell, is singled out as indicative of the general result.

‘Fervet’ [fragm. Vat. has ‘fervit,’ and so Philarg. The Berne scholia say ‘in Ebrii *fervit*.’ The form is discussed at length in Nonius p. 502.—H. N.]

170-196. ‘Like the Cyclopes in Aetna, some blowing bellows, some tempering metal, each bee is zealous in his own work. The old stay at home, building up combs, the younger fly abroad, gather honey all day, and return laden at night: all rise together to work: all return together and sleep simultaneously. In stormy weather they do not fly as usual, but remain about the hive or try short flights, ballasting themselves with little pebbles.’

170-175. This simile has been defended against the charge of exaggeration by Pope (Postscript to *Odyssey*) and by Heyne. Pope urges that the sense of disproportion

is moral as well as intellectual, and so is applicable only to the inflated vanity of rational beings, not to irrational animals, which cannot be made objects of censure. Heyne argues that the point of the simile lies in the work done, and that the bees are intended to gain by the juxtaposition. Neither defence appears satisfactory. The first seems to assume, what is certainly not the case, that in order to condemn the poet we must feel a personal resentment against the objects which he exaggerates, as being ‘participes criminis.’ The latter ignores the fact that it is the comparison of bees to Cyclopes under any circumstances that is objected to, because the sense of what they have in common is borne down and overwhelmed by the sense of their utter difference. It is true that the similarity of bees and men is a thought which, judiciously or injudiciously, is made to run throughout the poem; but the step from human labour to the gigantic exertions of demigods is considerable, and can be excused only by supposing, as has been already intimated on v. 86, that Virg. here and elsewhere is more or less consciously mock-heroic.

[‘Lentis:’ A. VII 634, ‘ocreas lento ducunt argento,’ i. e., soft enough to be workable.]

‘Massa,’ the lump of ore, including both metal and slag. ‘Stringere venas Ferventis massae crudo de pulvere iussit,’ Pers. II 68. The thunderbolts here seem to be formed of iron or other metal, not, as in A. VIII 426 foll., which should be compared, of less ponderable materials.

171. ‘Properant:’ because unremitting industry is part of the point of the comparison. The rest of the line and the four that follow are repeated almost verbally A. VIII 449 foll., where the Cyclopes set themselves to making armour for Aeneas with unusual speed, dividing the labour; see 162 above.

[‘Properant’ with acc. is illustrated by Philarg. from Plautus, ‘properant prandium.—H. N. Other exx. in the lexicon.]

‘Follibus:’ ‘Conclusas hircinis follibus auras,’ Hor. S. i iv 19.

accipiunt redduntque, alii stridentia tingunt
 aera lacu; gemit inpositis incudibus Aetna;
 illi inter sese magna vi brachia tollunt
 in numerum versantque tenaci forcipe ferrum: 175
 non aliter, si parva licet componere magnis,
 Cecropias innatus apes amor urguet habendi,
 munere quamque suo. grandaervis oppida curae
 et munire favos et daedala fingere tecta.
 at fessae multa referunt se nocte minores, 180

172. Perhaps from Od. ix 391, ὡς δ' ὄτρ' ἀνήρ χαλκῆς πέλεκυ μίγαν ἢ σκίπαρον εἶν ἔδασι ψυχρῷ βάρπυ μεγάλα ἰάχοντα. Forb. refers to Lucr. vi 148.

173. 'Lacus:' a trough standing by for the purpose [as in Ovid Met. ix 172, xii 278. From the days of Homer (Odys. ix 392) the ancients were familiar with the device of plunging hot iron into cold water to harden it into a kind of steel: see Dict. Antiq. (ed. 3) s. v. Lacus. 'Tingere' seems the usual Latin verb in this context.] 'Inpositis:' it is best and simplest to suppose Virg. to mean that the mountain groans beneath the weight of the anvils.

'Aetna:' Pal. and fragm. Vat. give 'antrum,' seemingly from A. viii 451.

174. Compare Callim., Hymn to Artemis, vv. 59-61, where the Cyclopes are represented σιδήρον Ἀμβολαδῆς τετυπόντες. The appropriateness of the rhythm need hardly be adverted to.

175. 'In numerum:' 'We not only seek to gratify [the ear] when bent on recreation, but even in the midst of the hardest labour we gratify it if we can. . . . Two pavors driving down stones bring down their mallets alternately, and so do working engineers when they are forging a bar' (Wilson's Five Gateways of Knowledge). For the phrase see E. vi 27 note.

['Forcipe:' the Berne scholia mention a variant 'forcice' for 'forcipe:': 'forcipe in Ebrii, et forcice in Cornelianii.'—H. N.]

176. Comp. E. i 23.

'Non aliter . . . urguet,' makes them work as hard.

177. 'Cecropias,' Attic (i.e. of Hy-mettus), is a literary epithet (E. i 54), but it is applied intentionally, to invest the bees with the dignity of the old mythical and historical associations of

Attica. It shows that the comparison, for which an apology has just been made, is not altogether extravagant.

'Amor habendi' (A. viii 327) again exalts the bees by attributing to them a human passion, though one which is generally blamed.

['Urget' Med.—H. N.]

178. 'Munere suo' seems a modal abl., belonging not to any thing expressed in the sentence, but to the notion of working implied in 'non aliter urguet.'

'Grandaervis:' the same division is noticed by Aristot. l. c. τῶν δὲ μελιττῶν αἱ μὲν πρεσβύτεραι τὰ εἶσω ἐργάζονται, καὶ δασυαῖ εἰσι διὰ τὸ εἶσω μῆνιν· αἱ δὲ νέαι ἔξωθεν φέρονσι, καὶ εἰσι λυιότεραι. There is also a reference, as Serv. remarks, to the custom of setting the old men to man the walls while the young go out and fight.

['Oppida,' strongholds, and 'curae' are technical terms.—H. N.]

179. 'Munire' = 'fabricari,' keeping up the image of a town. This is simpler than to suppose the reference to be to the fencing of the hive, or to the closing of the cells with wax so as to preserve the winter-stores.

'Daedala:' common in Lucr. [see Munro 17, both with active and with passive meaning. Virg. uses it once in each sense, here passive, in A. vii 282 active of Circe.]

180. 'Multa nocte,' when the night is far advanced, an inappropriate expression here, as bees, like all animals, hasten home before it is dark. (Keightley.) Statius Ach. i 555, quoted by Cerda, is more accurate, 'quales iam nocte propinqua E pastu referuntur apes;' and so Virg. himself v. 186. Mr. Blackburn however replies that Virg. need only mean 'late' relatively to the bees.

crura thymo plenae ; pascuntur et arbuta passim
 et glaucas salices casiamque crocumque rubentem
 et pinguem tiliam et ferrugineos hyacinthos.
 omnibus una quies operum, labor omnibus unus.
 mane ruunt portis ; nusquam mora ; rursus easdem
 vesper ubi e pastu tandem decedere campis 186
 admonuit, tum tecta petunt, tum corpora curant ;
 fit sonitus, mussantque oras et limina circum.
 post, ubi iam thalamis se composuere, siletur
 in noctem, fessosque sopor suus occupat artus. 190
 nec vero a stabulis pluvia inpendente recedunt
 longius aut credunt caelo adventantibus Euris ;

181. 'Plenus' has here the force of 'repletus,' as Keightley remarks, comparing Hor. Ep. I xx 8, II i 100.

'Pascuntur,' III 314. 'Pascuntur' in order of time would precede 'referunt.' The sense is merely that the old bees stay at home, the young gather honey abroad.

182. 'Salices,' E. I 55. 'Casiam,' II 213. 'Crocum,' called 'rubentem' here, *χρυσανγής* by Soph. Oed. C. 685 ; the three divisions of the style, Martyn remarks, are of the colour of fire. Col. (IX 4) directs it to be planted near the hive to colour and scent the honey.

[Nonius p. 202 observes that Sallust in the second book of the Histories used 'crocum' as a neut., and quotes this line of Virg. as an instance of the masc. This note is repeated in Serv. and the Berne scholia on this passage.—H. N.]

183. 'Tiliam,' v. 141, called 'pinguem' from the gluten on its leaves. 'Ferrugineos,' note on I 467.

184. Some MSS. connect 'operum' with 'labor,' but II 155, A. I 455, where the combination occurs, are, as Forb. remarks, not in point. 'Mors laborum ac miseriarum quies,' Cic. Cat. IV iv 7.

185. 'Ruunt portis' again recalls military associations. Jacobs comp. Livy XXVII 41, 'equites peditesque certatim portis ruere.'

['Numquam' Pal.—H. N.]

186. 'E pastu decedere,' I 381.

187. 'Corpora curant,' referring to the evening refreshment, A. III 511 ; Hor. S. II ii 80 ; very common in Livy, III ii 10, etc. Serv. observes that as applied to men it includes bathing as well as eating ; as applied to bees, only eating.

188. 'Musso,' frequentative of 'mutio,' is here applied to the humming of bees, as in A. XI 454 to the murmuring of the old men of Latium. In A. XI 345, XII 657, 718, it has the notion of hesitation, the implied contrast being with articulate utterance, and takes an infinitive or a subjoined clause. [See Nonius p. 427 and Philarg. here.—H. N.]

'Oras,' entrances : see v. 38. Aristotle l. c. adds a circumstance to Virg.'s description : *ελοῦσαι πάλιν θοροβοῦσι τὸ πρῶτον, κατὰ μικρὸν δ' ἤττον, ἕως ἂν μὴ περιπερομένη βομβήσῃ, ὡς περ σημαίνουσα καθέδειν· εἰτ' ἔξακινήσῃ σιωπῶσιν.*

189. 'Thalamis,' Jacobs comp. Antiphil. Ep. 29, *μελισσῶν ἀντοπαγίς θαλάμαι* : Nicías Ep. 7, *κηροπαγίς θάλαμος*.

190. 'Sopor suus' is probably to be explained like 'vere suo,' v. 22, 'the sleep they need,' 'kindly sleep.' Forb. well comp. Ov. M. VI 489, 'placido dantur sua corpora somno,' where the relation is reversed.

191. 'Nec vero' marks a transition, as II 109 ; there is no particular connexion of this and the following notices of the habits of bees with the preceding description, nor, indeed, with each other.

'Stabulis,' v. 14. Aratus (Diosem. 296) mentions the indisposition of bees to fly far among the signs of rain.

192. 'Credere' is understood by Serv. and Keightley as if it were 'se credere,' like 'ausus se credere caelo,' A. VI 15 ; 'dubio se credere caelo,' Quint. Decl. XIII 17. But it is simpler to understand it in the ordinary way, of trusting to the aspect of the sky, like 'caelo et pelago confise sereno,' A. v 870.

sed circum tutae sub moenibus urbis aquantur
 excursusque brevis temptant et saepe lapillos,
 ut cumbae instabiles fluctu iactante saburram, 195
 tollunt; his sese per inania nubila librant.
 illum adeo placuisse apibus mirabere morem,
 quod neque concubitu indulgent, nec corpora segnes
 in Venerem solvunt, aut fetus nixibus edunt;
 verum ipsae e foliis natos et suavibus herbis 200
 ore legunt, ipsae regem parvosque Quirites
 sufficient, aulasque et cerea regna refigunt.
 saepe etiam duris errando in cotibus alas

193. 'Circum,' round the hive, explained by 'sub moenibus urbis.'

['Totae' Pal. for 'tutae.'—H. N.]

194. The fact of bees ballasting themselves with stones is mentioned by Aristotle H. A. IX 40, and other ancients.

195. Med. originally had 'stabiles.'

196. The spondee 'tollunt,' followed by a pause, expresses the difficulty of rising into the air so ballasted.

'Inania' is an ordinary epithet, used here to account for the need of ballast. Voss well comp. 'nubes et inania captet,' Hor. A. P. 230, though he misunderstands the epithet here to mean rainless clouds.

197-209. 'Bees do not generate like other animals, but find their young among the flowers. Their ardour in their honey-getting work is such, that they often expose themselves to accidental death while engaged in it. In any case they are short-lived, seven years being their limit, yet the race ever goes on.'

197. This or a similar opinion on a very vexed question was held by others of the ancients: see Aristotle H. A. v 21, Pliny XI 46.

'Adeo' emphasizes 'illum': see E. IV 11.

198. 'Quod neque' was restored by Wagn. from Rom. and Pal., for 'Quod nec,' as more in accordance with Virg.'s practice in the first foot of a hexameter. The only undoubted instance on the other side is A. v 783, 'Quam nec longa dies, pietas nec mitigat ulla,' where, as Wagn. thinks, the slowness of the measure suits the feeling.

199. 'Nixibus': so Med. originally, Serv. and some cursives. Rom., Pal. and Med. corr. have 'nexibus' [and so Prudentius Cath. III 75.—H. N.], but Virg.

is here speaking only of the female. [Cp. Lucr. II 225.—H. N.]

200. 'Ipsae,' without the male.

'Suavibus,' from which they gather honey. Aristotle (l. c.) says that of those who held this opinion some said the young bees were found in the cerintha, some on reeds, some on olive-blossoms.

Pal. leaves out 'e,' but with Med. gives 'e' for 'et,' which Ribbeck adopts.

201. 'Quirites' is a step farther than the poet has yet taken; he now invests the commonwealth of bees with the glories of the Roman people. Seneca (Thyest. 396) makes his chorus of Argives speak of a country life as 'nullis nota Quiritibus.'

202. 'Sufficient,' III 65.

'Refigunt' Rom. (supported by Pal. 'relingunt'); 'refigunt' Med. etc., Servius, Philarg. and the Berne scholia, followed by Ribbeck. The former, though a rare word, seems intrinsically the better.

The preparation of new cells or renewal of the old ones seems to be mentioned as a natural pendant to the renovation of the race, so that the process which brings about the latter is associated with the former also.

203-205. Sir Daniel Molyneux suggested to Martyn that these lines ought to follow v. 196; Schrader, Heyne, Forb., Keightley agree. [Thilo places them after v. 183.] Wagn. thinks they did not belong to the original draft, but were written afterwards; a theory which he applies to other passages in the Georgics. [The same view is held by Ribbeck.] There is certainly great awkwardness in the present passage; but either of the two hypotheses would be hazardous. Wagn.'s other instances appear to break down, for

attrivere, ultroque animam sub fasce dedere.
 tantus amor florum et generandi gloria mellis. 205
 ergo ipsas quamvis angusti terminus aevi
 excipiat (neque enim plus septima ducitur aestas),
 at genus immortale manet multosque per annos
 stat fortuna domus et avi numerantur avorum.

the only cases made out as probable are such as II 171 foll., III 32, where the insertion, if it be an insertion, is not an ex-crescence on the poem, but carefully rendered homogeneous with it: while it may be doubted whether there is any other instance in Virg. (the general integrity of whose text is beyond suspicion), where it can be shown to be really likely that lines have been transposed.

Perhaps we are wrong in seeking for close connexion in a context like this, where, as has been remarked on v. 191, the various notices of the habits of bees seem to be rather isolated from each other. However, it may be suggested that the mention of the constant succession reminded Virg. of the accidents which carry off bees before their time, in themselves a proof of the energy of the race; thence he was led to observe that, in spite of the frequency of such accidents and the scanty lives enjoyed by individuals in any case, the race was inextinguishable. Bryce supposes the connexion to be, that though they have not the ordinary inducement to provide for their young, they still work indefatigably, even sacrificing their lives, a thing only to be explained by their love of their occupation. But Virg. evidently supposes them to rear their young, whether they generate them or no; and moreover the interpretation supposes vv. 206 foll. to be unconnected with what precedes.

203. 'Errando:' so Chapman's Homer, II. II 401: 'thick as swarms of flies Through then to sheepcotes, when each swarm his erring wing applies To milk dew'd on the milkmaid's pails.'

204. 'Utro' is probably to be understood here, as E. VIII 52 and elsewhere in Virg., 'of their own accord,' which is readily connected with the derivation. The death of the bees may be considered as gratuitous, or what is the same thing, generous, being encountered in the public service. So also Ameis; Wagn. prefers to render it by 'insuper.'

The death is doubtless meant to be the result of the injury to the wings, so that 'sub fasce' may express not only the effect of the load in helping to destroy life, but the constancy of the sufferer in refusing to part with his burden. 'Fasce,' III 347.

'Animam dedere:' 'vitam dare' occurs A. IX 704, 'edere animam' Cic. Pro Sest. xxxviii 83, etc.

205. Comp. II 301, III 112.

206. 'Ergo' seemingly calls back the mind to the main thought of the preceding context, the propagation of the race of bees. See parallels in Hand, Turs. II 462. 'Ipsas' distinguished from 'genus.' Aristotle (H. A. v 22) gives six or seven years as the ordinary limit of their life, nine or ten as the extreme. [Pal. gives 'anguste terminus aevus.'—H. N.]

207. 'Excipiat' is explained by Heyne, probably enough, after the analogy of λαβείν and λαχέιν used of fortune as befalling a person; the force of the preposition being that the fortune in question succeeds to some supposed previous state. But it may have a distinct reference to the term of their life as receiving them at their birth (comp. II 345). In A. III 317, to which Heyne refers, the succession is not implied, but expressed in the words 'deiectam coniuge tanto.'

'Plus septima:' [the omission of 'quam' is common in Latin from early times: in Virg. compare A. I 683, E. III 105.]

208. 'At:' Rom. and Philarg. have 'et.'

209. 'Fortuna domus:' [Virg. may have had in mind such phrases as 'Fortuna reipublicae,' 'Fortuna populi Romani,' where 'Fortuna' comes very near to 'Genius.' Conington refers to A. I 454, 'quae Fortuna sit urbi;' XI 345, 'quid Fortuna ferat populi;' and also A. III 16, 'dum Fortuna fuit;' and VII 413, 'sed Fortuna fuit,' where the destinies of Troy and Ardea are spoken of.]

'Avi numerantur avorum' expresses retrospectively what is expressed prospectively by 'genus immortale manet.'

praeterea regem non sic Aegyptos et ingens 210
 Lydia nec populi Parthorum aut Medus Hydaspes
 observant. rege incolumi mens omnibus una est;
 amisso rupere fidem constructaque mella
 diripuere ipsae et cratis solvere favorum;
 ille operum custos, illum admirantur, et omnes 215
 circumstant fremitu denso stipantque frequentes,
 et saepe attollunt umeris et corpora bello
 obiectant pulchramque petunt per volnera mortem.

His quidam signis atque haec exempla secuti

210-218. 'Their submission to their monarch is more than oriental. Social order is bound up with his life: they guard him, carry him, die for him.'

210. The older Romans, like the Greeks, draw their notions of absolute monarchy from the east. 'Aegyptos' is selected no doubt because the war of Actium was fought about the time that Virg. was finishing the Georgics. 'Ingens Lydia' recalls the *μεγάλη ἀρχή* of Croesus. ['Ludia' Rom.—H. N.]

211. The Parthians kissed the ground when approaching their kings: Martial x lxxii 5, 'Ad Parthos procul ite pilleatos Et turpes humilesque supplicesque Pictorum sola basiate regum.'

'Medus Hydaspes' is a geographical inaccuracy, voluntary or involuntary: see E. I 63, 66, II 24. It is evidently the word 'Medus' which gives the point, suggesting the associations of Persian royalty, so that even if it could be shown, as has been attempted, that the river rises within the limits of Persia, it would not justify the expression. With the substitution of the river for the nation Cerda comp. Lucan I 19, 'Sub iuga iam Seres, iam barbarus isset Araxes; ' comp. also II 225 above.

213. Germanus sees in this line a direct allusion to a Persian custom of allowing an interregnum of eight days between the death of a king and the accession of his successor, that the nation might taste the evils of anarchy. Whatever may be thought of this, the language of Virg. may be illustrated by Aesch.'s description of the dissolution of order impending on Xerxes' overthrow, Pers. 591, *Οὐδ' ἐτι γλώσσα βοροσίῳν Ἐν φυλακαῖς· λίλυται γὰρ Λαός ἀλεθῆρα βάζειν, ὣς ἰλόθη ζυγὸν ἀλεῖς.*

['Rupere' may be gnomic (v. 43 note) as Madvig took it, or instantaneous (I 49), as Roby 1479.]

'Constructa' seems to refer to the honey-combs, the same thing which is expressed immediately afterwards by 'cratis favorum.'

214. 'Cratis' from the resemblance of the holes in the comb to wicker-work, as Pind. Pyth. VI 54, quoted by Cerda, talks of *μελισσῶν τρητὸν πόνον*.

215. 'Operum custos:' other writers speak of the queen bee as regulating the work of the rest; Cerda cites Xen. Oec. VII 33 foll., Aelian v II, and Pliny XI 53. Comp. the description of Dido A. I 507, 'operumque laborem Partibus aequabat iustis, aut sorte trahebat.' The occupations of the Carthaginians had previously been compared to those of bees, so that if Virg. had been aware of the sex of the monarch, he would perhaps have made it a point in the comparison. The first reading of Med. was 'ille admiratur.'

217. *Δίγεται δὲ καὶ φέρεσθαι αὐτὸν ἐπὶ τοῦ ἰσμοῦ, ἕταν πίρεσθαι μὴ δύνηται*, Aristot. H. A. IX 40. This takes place, according to other writers, when the monarch is sick, aged, or tired.

'Bello' with 'obiectant.' Pal. has 'pectora' for 'corpora.'

218. 'Pulchram . . . mortem' A. XI 647. 'Per' apparently signifies not by means of, but in a shower of wounds.

219-227. 'These human qualities have led some to think that bees are inspired by the 'divinity' which pervades all creation.

219. Virg. confuses, rather characteristically, two classes of thinkers, (1) those who, from the special qualities of the bees, consider them to be specially gifted with divine wisdom, like Aristotle de Gener. Anim. III 10 (quoted by Cerda), who says of wasps and hornets *οὐ γὰρ ἔχουσιν οὐδὲν θεῖον, ὥσπερ τὸ γένος τῶν μελιτῶν*, and (2) those who believe them,

esse apibus partem divinae mentis et haustus 220
 aetherios dixere; deum namque ire per omnis
 terrasque tractusque maris caelumque profundum;
 hinc pecudes, armenta, viros, genus omne ferarum,
 quemque sibi tenuis nascentem arcessere vitas;
 scilicet huc reddi deinde ac resoluta referri 225
 omnia, nec morti esse locum, sed viva volare
 sideris in numerum atque alto succedere caelo.
 Si quando sedem angustam servataque mella

in common with the rest of creation, to be inspired by the 'anima mundi.' The former doctrine he rejected 1 415 (applied to the rejoicing of rooks after a storm), though he may have confounded the two there as here. The latter doctrine, which was held by the Platonists and Stoics [Zeller I ii 647, II ii 139, etc.], is the same which Anchises expounds A. VI 724. Here Virg. merely mentions it, neither adopting nor disapproving.

'His signis': the union of the instrumental abl. with the participle 'haec exempla secuti' is illustrated by Wund. from the union of abl. abs. with participle, in such sentences as 'obsidibus acceptis et commeatu usus,' Livy XXI xxxiv 4.

220. 'Partem divinae mentis,' as Hor. S. II ii 79 calls the human soul 'divinae partemque aurae.' This Virg. goes on to express further by saying that they breathe not merely common air, but pure ether, which was supposed to be liquid flame, the essence of the human soul, — purum . . . Aetherium sensum atque auram simplicis ignem,' A. VI 746.

['Haustus': Cic. de Div. I 70, 'animos hominum quadam ex parte extrinsecus esse tractos et haustos'; ib. 110, 'natura deorum, a qua . . . haustos et libatos animos habemus'; so ib. II 26.—H. N.]

221. Cerda comp. Arat. Phaen. 2, *μεσται δὲ Διὸς πᾶσαι μὲν ἀγυαί, Πᾶσαι δ' ἀνθρώπων ἀγοραί, μεσῆ δὲ θάλασσα καὶ λιμῖνες*, where however the divine spirit is said to permeate not so much all nature as all the inhabited globe.

Ribbeck reads 'omnia,' a conj. of Peerkamp, approved by Lachm. on Lucr. I 1106.

222. Repeated from E. IV 51.

223. 'Inde hominum pecudumque genus vitaeque volantium,' A. VI 728.

['Hic' Rom. for 'hinc.'—H. N.]

224. 'Tenuis vitas': 'animos, quippe aetheriae naturae' (Heyne).

225. 'Scilicet' seems to continue the explanation.

227. 'Sideris in numerum,' (1) each flies up into the place of a star, the reference being partly to the doctrine that each planet had an individual soul (Plato Tim. 38 E), partly to the mythological idea that men and other animals were changed into constellations. 'Numerus' is not unfrequently used = 'locus,' with a singular as well as with a plural gen., Cic. Div. in Caec. xix 62 'is tibi parentis numero fuisset,' [Nepos 'militis numero,' Cic. Phil. II 33 'adscribe me talem in numerum.' These passages are prob. variations on the usual idiom 'numero' or 'in numero' with gen. plural. Comp. also Cic. Brutus, 175, 'Pompeius aliquem numerum obtinebat.'] But (2) it would be simpler if we could accept a gloss of Philarg. 'in numerum: id est, in modum' and make Virg. mean that the departed life flew to heaven like a star. (3) Those commentators must be wrong who take 'sidus' as a noun of multitude, 'joining the number of the stars' (so a gloss of Philarg.). The nearest parallel would be Lucr. I 436, 'corporis augebit numerum:' there, however, 'corpus' is abstract (as we might say 'the sum of Body'), and that cannot be the case with 'sidus' here.

'Succedere': Rom. has 'se condere,' a transcriber's error.

228-250. 'When you want to take the honey, disarm the bees (they will otherwise be violent and dangerous), by personal cleanliness and the application of smoke to the hive. There are two times for this, spring and autumn. If you wish to spare them, at all events fumigate the hive that you may remove the useless combs, and so preserve them from vermin. Taking the honey will stimulate them to repair the loss.'

thensauris relines, prius haustu sparsus aquarum
 ora fove fumosque manu praetende sequacis. 230
 bis gravidos cogunt fetus, duo tempora mennis,

228. 'Angustam, Rom.; 'augustam,' Serv., Med., Pal., Gud., etc. The latter is to a certain extent confirmed by 'thensauris,' though scarcely, as has been thought, by the latter part of the sentence, where there would be no relevancy between the grandeur of the abode of the bees and the means recommended for storming it. If it be adopted, a mock-heroic contrast must be supposed between the assumed importance of the bees and the easiness of their capture, like that in vv. 86, 87. But on the whole Wagn. and Forb. seem right in preferring 'angustam,' which suits best with the simplicity of a practical precept, and is not irrelevant to the process of rifting the hive. [Ribbeck and Thilo read 'angustam.']

229. 'Relino,' the technical word for opening jars by undoing the pitch with which they were fastened. 'Relevi dolia omnia, omnes series,' Ter. Haut. III i 51. The removal of the honey from the cells is supposed to be an analogous process, on account of the sticky nature of the wax and gluten (vv. 39 foll.).

'Thensauris' with 'servata.' Pal. gives 'thensauri,' which Ribbeck adopts. [The spelling 'thens-' is attested here by Pal. Rom. Gud., in A. I 359 by Med. Rom., and accepted by Ribbeck and Nettleship. It occurs also in MSS. of Plautus, Sallust, etc., and on inscriptions, and is said to have left traces in the Romance languages. Seelmann, *Aussprache des Latein* p. 287; Stolz, *Hist. Gramm.* p. 243; Georges, *Wortformen* s.v.]

229, 230. Col. IX 14 says that the person who takes the honey ought to have bathed and to have abstained from things that taint the breath. It is natural then (with Wund.) to take 'ora fove' of rinsing the mouth, the process being the same as in fomentation, though the object is different. In II 135 'ora fovont' denotes cleansing the breath, without reference to ablution; in A. XII 420 'fovit ea vulnus lymphæ' both processes are combined. Virg. has other strained or indefinite uses of 'foveo' (e.g. III 420, and v. 43 above), and circumlocution is natural in a poet speaking of a somewhat undignified action. 'Sparsus,' which has occasioned some

difficulty, has doubtless a quasi-middle force, while its application is limited by 'ora' and 'haustu.'

The text of the sentence is disputed. In 229 the best MSS. have 'haustu' (Med. originally 'astu'). In 230 Med. originally had 'ore fave,' and so Philarg.; Med. corr., Pal., Rom. have 'ore fove;' Serv. and the Berne scholia mention both readings, but prefer 'ore fove.' 'Ora fove' is found in an early corr. of Med. and in some cursives, and, as explained above, seems satisfactory. But Ribbeck may be right in accepting 'ore fove,' though (as he admits) he does so 'magis auctoritatem librorum quam sententiae incertissimae indicia secutus.' [Others accept 'ore fave,' keep silence.]

'Fumos:' the smoke was intended not to stupefy the bees, but to drive them away, as appears from Col. IX 15 and other writers and from Virg.'s simile A. XII 587. This gives force to 'sequacis.' Pal. has 'sinu' for 'manu.'

231. This and the four following lines are thrown in as it were parenthetically, but that is no reason for changing the arrangement of the passage with Schrader, Keightley, [and Ribbeck.]

'Bis gravidos cogunt fetus' is rightly explained by Serv. 'gemina est fecunditas mellis.' 'Fetus' is used generally for produce of all sorts; 'gravidos' is coupled with it as with 'fruges' (II 143, 424), while 'cogere' denotes collecting, like 'cogere oleam,' Cato 65, 66 (comp. v. 140).

'Fetus:' Pal. has 'flores,' a variant approved by Philarg., but apparently introduced by some one who mistook the sense, supposing 'cogunt' to be said not of the bee-keepers but of the bees.

Virg. calls the gathering of the honey (the technical term for which, 'vindemiatio,' itself contains a metaphor), 'mennis:' so in II 410 he uses 'metere' of gathering grapes.

Aristotle (H. A. IX 40) and others agree with Virg. in fixing two seasons for collecting honey; Varro (III 16) makes three, one at the rising of the Pleiades, a second just before the rising of Arcturus, a third after the setting of the Pleiades; so *Dionysius* in *Geop.* xv 5.

Taygete simul os terris ostendit honestum
 Plias et Oceani spretos pede reppulit amnis,
 aut eadem sidus fugiens ubi Piscis aquosi
 tristior hibernas caelo descendit in undas.
 illis ira modum supra est, laesaeque venenum
 morsibus inspirant et spicula caeca relinquunt,
 adfixae venis, animasque in vulnere ponunt.
 sin duram metues hiemem parcesque futuro

235

232. The heliacal rising of the Pleiades is the one intended. [It took place at Rome in Virg.'s time about May 28—according to the Julian Calendar about May 9—and marked the beginning of summer. See Dict. Ant. (third ed.) i 228, 234.]

Taygete, one of the Pleiades, stands for the rest, and is described as a nymph, as the Bull and Dog are described as animals I 217. ['Taygete' Pal. Rom., and so Ribbeck.—H. N.]

'Os ostendit honestum,' like 'caput egit honestum,' II 392; 'extulit os sacrum caelo,' A. VIII 591, of the morning star. 'Honestum,' G. II 392 note.

233. 'Plias' (Med. Gud.), or 'Pleas' (Pal.), is the correct orthography; 'Pleias' (Rom.) is a trisyllable.

'Oceani amnis': Homer's *Ὠκεανὸς ποταμὸς*. [For 'amnis' of Ocean cp. Tibull. II v 60, III iv 18.—H. N.]

'Pede reppulit' is the action of a person springing into the air from the ground; Ov. M. IV 711 (comp. by Burm.), 'pedibus tellure repulsa Arduus in nubes abiit.'

'Spreto' seems to have a half-physical sense, like 'spurn;' comp. Hor. Od. III II 24, 'Spernit humum fugiente penna.'

234. The reference is to the morning setting of the Pleiades in November (I 221). 'Sidus Piscis aquosi' seems rightly explained by Wund. and Voss, after Cerda and Catrou, of the zodiacal sign 'Pisces' (Ov. M. x 165, 'Piscique Aries succedit aquoso'). 'Sidus Piscis' is, then, put generally for winter, which is coming on when the Pleiades set, though, actually, the sun does not enter Piscis before the very end of winter. This rainy season the Pleiades are said to avoid by disappearing under the sea; 'tristior,' an epithet applied to bad weather (e.g. v. 135 above), is meant also to indicate that they depart, as it were, disconcerted. With the expression 'sidus Piscis' comp. 'sub sidere Cancri,' E. x 68.

236. He speaks of the danger in taking the honey from the anger of the bees, which is to be avoided by the precautions mentioned. So A. XII 589, 'Illae intus trepidae rerum per cerea castra Discurrunt, magnisque acunt stridoribus iras.'

237. 'Morsibus' used improperly for the stings.

'Inspirant venenum': 'inspires ignem,' A. I 692.

238. The meaning is, as Munro observes, they fasten on the veins so firmly that, to get away, they are forced to leave their stings. Virg. however has chosen by the order of the words to remind us of 'adfixa venis.' The expression is doubtless borrowed, as Heyne remarks, from Lucr. v 1322, 'Morsibus adfixae validis atque unguibus uncis,' though the construction is different.

'Vulnere': so Med., Nonius p. 22. Asper quoted by the Berne scholia, Serv. 'Vulnera' Rom., Gud., etc. The former is better, whether it be understood 'in the act of wounding,' or literally 'in the wound,' a view confirmed by Sil. XII 386 (quoted by Cerda), 'Alternique animas saevo in mucrone relinquunt,' where it is doubtless meant that the life, like the blood, is left on the blade.

239. 'If your consideration for the bees keeps you from taking the honey, you need not hesitate about cutting away the combs.' Virg. may almost seem to have versified a passage in Varro III xvi 34, 's fecunda sit alvus, ut ne plus tertia pars eximatur mellis, reliquum ex hiematione relinquatur: sin alvus non sit fertilis, [n]isi quid eximatur, exemptio cum ea maior, neque universam, neque partem facere oportet, ne deficient animam. Favi qui eximuntur (non eximuntur?), a qua pars nihil habet, aut habet incantum, cultello praesecatur ('praesecatur' or 'praeseccatur?'). This passage, compared with similar precepts in the other

contusosque animos et res miserabere fractas : 240
 at suffire thymo cerasque recidere inanis
 quis dubitet ? nam saepe favos ignotus adedit
 stelio et lucifugis congesta cubilia blattis,
 immunisque sedens aliena ad pabula fucus,

rustic writers, may show that Virg. does not think of sparing all the honey, but only of leaving a portion. In that case, the pity expressed in the next line may be for the injury already done by depriving them of part of their store ; in the other, and perhaps in any view, it will be for mischief only contemplated, this prospective pity acting as a restraining power.

'Metues : ' the bee-keeper fearing not for himself, but for the bees : comp. II 419. Rom. and Gud. have 'metuens.'

'Parces futuro : ' deal gently with their future, [or 'sparing for the future.'—H. N.]

240. With 'contusos animos' comp. 'deficiant animum,' Varro l. c., and Didymus Geop. xv 5, οὐτω γὰρ οὐκ ἀθνησσοῦσι καὶ τροφὴν ἔχουσι : with 'res fractas,' 'trepidat rerum,' cited on v. 236.

241. 'At,' v. 208. Med. originally had 'aut sufferre thumos.' 'Sufferre' is read by Rom., 'suffere,' by Pal. ; Gud. has 'suffire,' and so Serv. and Priscian.

'Thymo : ' fumigation is prescribed by Varro l. c. and Col. IX 14, in connexion with precepts about cleansing the hive. The latter recommends cow-dung, whence Schrader conjectured 'fimo' here. Florentinus in Geop. xv 3 speaks of fumigation with thyme and κνέωρον as a means of attracting them back to the hive. From the two former writers it would appear that fumigation is recommended partly as a means of purification, partly as grateful to the bees, not, as some have thought, with a view to expelling or destroying the vermin.

242. 'Dubitet : ' with reference to the hesitation implied in vv. 239, 240, which, Virg. says, need not extend farther.

'Ignotus adedit,' ἄλαθε πρῶγων. With the following enumeration comp. I 181 foll.

Pal. has 'iam saepe ;' Rom. 'adhaesit.'

243. ['Stelio' Med. Rom. etc. ; 'stellio' Pal. According to Lachmann (Lucr. p. 33) 'll' preceded by a long vowel is reduced to 'l' when 'i' follows, unless the 'i' be a case-ending. This rule holds generally, in Republican as in Imperial Latin, of cases where the long vowel also is 'i' ; in other cases the

practice varied : 'Messallinus' (comm. lud. saec. 152) might, like 'millia' (Mon. Ancyr.), be a whim of Augustus, but Pöllio is usually so spelt (E. III 84 note). Lachmann claims 'stelio' as an instance, deriving it from stilla : it may, however, be derived from 'stella' or the vulgar 'stela' (Schuchhardt). Both 'stellio' and 'stelio' occur in MSS., the latter more often : see Georges Wortformen s. v.]

'Stelio et : ' for the synzesis see I 482, v. 297, etc.

It is doubtful whether 'cubilia' is to be taken (1) with Wagn. as one of the subjects of 'adedit,' the lurking-places of the moths being put for the moths themselves, as Forb. thinks, a bold expression, scarcely covered by Keightley's reference to the use of 'nidus,' v. 17, or (2) 'congesta' constructed as a verb, the grammatical connexion being temporarily interrupted and immediately returned to in the next line.

'Lucifuga' or 'lucifugus' is used as a term of reproach by Lucil. XIV 3, 'fuit lucifugus, nebulo.' An insect 'solifuga' is mentioned by Solinus, c. 4 ; but the word is probably an error of his for 'solipuga' or 'salpuga.' [The 'solifuga' is described by Solinus as 'animal perexiguum aranei forma : ' the 'solipuga' or 'salpuga' by Pliny XXIX 92, as a venomous ant.—H. N.]

Keightley thinks it clear from Pliny XI 99 that the 'blatta' was the black-beetle (cockroach), of which the modern scientific name is also 'blatta.'

244. 'Immunis : ' comp. Plaut. Trin. II ii 69, 'civi immuni scin quid cantari solet ?' of a citizen who [does not perform his public duties. Comp. Cic. Lael. 50 ; Poet. ap. Sest. 122 ; Hor. Od. IV xii 23]. The word is a compound of the adj. 'munis,' used in Plautus Merc. prol. 104, and recognized by Festus [p. 143 M.] and Nonius [p. 23]. The drons have not performed their 'munus' of labour, and so, as Hesiod expresses it (W. and D. 304), μελισσῶν κάματον πρήχουσαι ἀεργοὶ ἔσθοντες (comp. Id. Theog. 598). The language may be from Od. I 160, ἀλλότριον

aut asper crabro inparibus se inmiscuit armis, 245
 aut dirum, tiniae, genus, aut invisā Minervae
 laxos in foribus suspendit aranea casses.

quo magis exhaustae fuerint, hoc acrius omnes
 incumbent generis lapsi sarcire ruinas,
 complebuntque foros et floribus horrea textent. 250

Si vero, quoniam casus apibus quoque nostros
 vita tulit, tristi languēbunt corpora morbo;—
 quod iam non dubiis poteris cognoscere signis:
 continuo est aegris alius color; horrida voltum

βίοντι νήπιον ἔδουσιν (spoken of the Suitors), as Germ. remarks.

'Sedens ad pabula,' like 'sedere ad focum,' 'ad gubernacula,' etc. Med. originally had 'ad pocula.'

245. 'Armīs' is not, as seems to be generally thought, the abl., but the dative, as appears from A. x 796, xi 815, where 'se inmiscuit armīs' recur. 'Inparibus' then refers to the 'ill-matched' army of the bees, which cannot cope with a hornet. 'Paribus armīs' is used A. v 425 of equal weapons.

246. See v. 168. 'Tinae' are coupled with 'blattae,' Hor. S. ii iii 119.

'Dirum:' the early editors gave 'durum' after some inferior MSS., including one of Ribbeck's cursives [and Nonius].

'Invisā Minervae' refers to the legend of Arachne; Ovid M. vi 1-140.

247. ['Laxos,' with broad meshes.—H. N. Ovid Ars. Am. i 392, 'de laxis cassibus exit aper,' etc.]

248-250. [Ribbeck, Thilo and others insert these lines before 239.]

248. These words contain a precept, which the rustic writers sanction, not to leave too much honey, lest the bees should become idle. Cerda comp. a similar precept (Aristot. H. A. ix 40), not to kill all the drones.

['Fuerunt,' Med. originally.—H. N.]

249. 'Incumbo' with inf., as [Tac. Hist. ii 10, on analogy of 'studeo.' See ii 46, 'accingar dicere,' and note.]

'Lapsi generis' recalls the notion of a human family, as v. 208.

['Labsi' Pal.—H. N.]

250. 'Foros' ['passages' (H. N.), the usual sense. Con. took it to mean 'rows of cells,' but admitted there was no parallel for this sense. It is, however, accepted by several editors.]

'Textent' perhaps is used to recall the image of weaving actual flowers, though of course the meaning is that they construct their cells with pollen from flowers, 'floribus,' [or rather with the bee-glue, which Virgil thought to consist partly of pollen. See the explanation in the note on v. 38 above, 'fucō et floribus.']

251-280. 'The symptoms of sickness among bees are change of colour and appearance, lassitude, and a peculiar buzzing. Remedies are fumigation with galbanum, honey mixed with pounded galls or dried rose-leaves, wine boiled down, raisins, thyme, centaury, and the flower called "amellus" boiled in wine.'

251. The apodosis would naturally begin after v. 252, but the clause speaking of the easiness of prognostication leads to an enumeration of the symptoms, so that Virg. has to give the real apodosis in a separate form, v. 264.

'Apibus quoque:' a touch of pessimism, as if diseases might be expected to be peculiar to humanity, 'mortalibus aegris:' perhaps also a compliment to the bees, whose good fortune in other respects might have been supposed to exempt them from casualties. Rom. has 'nostris.'

[The rhythm recurs G. i 80, etc.]

252. 'Corpora' may be nom. or acc.: the former is more like Virg.'s usage, e.g. A. iv 523.

253. 'Iam' seems to point to the time when the disease has made progress.

254. 'Continuo,' as in i 356, where it introduces the signs of wind: see note.

'Alius' is explained by what follows.

'Horrida': comp. Varro III xvi 30, 'minus valentium signa, si sunt pilosae et horridae, ut pulverulentae, nisi opifici eas urget tempus; tum enim propter laborem asperantur et macescunt.'

deformat macies ; tum corpora luce carentum 255
 exportant tectis et tristia funera ducunt ;
 aut illae pedibus conexae ad limina pendent,
 aut intus clausis cunctantur in aedibus, omnes
 ignavaeque fame et contracto frigore pigrae.
 tum sonus auditur gravior, tractimque susurrant, 260
 frigidus ut quondam silvis inmurmurat Auster ;
 ut mare sollicitum stridit refluentibus undis ;
 aestuat ut clausis rapidus fornacibus ignis.
 hic iam galbaneos suadebo incendere odores,
 mellaque harundineis inferre canalibus, ultro 265

255. The carrying out of the dead is not a symptom of disease, but finds a place as one of the things which would strike an observer looking at the hive. 'Luce carentum : '= dead, from *Lucr.* IV 35.

256. 'Exporto,' carry out to burial (like 'effero'), used also *Suet. Dom.* 17. So Aristotle, speaking of the same thing, uses *ἐξάγειν* and *ἐκρομίζειν*.

'Funus ducere' is a phrase, [perhaps first in *Cic. pro Quinct.* 50, common in post-Augustan Latin, e.g. *Juv.* I 146, X 240; like 'pompam ducere,' *G.* III 22, *Plaut.* etc.]

257. 'Aut illae:' so I 374, etc. 'Pedibus conexae pendent' refers most naturally to bees hanging in a cluster, 'pedibus per mutua nexis,' *A.* VII 66. So it appears to have been understood by *Sil.* II 221, 'densoque volatu Raucum conexae glomerant ad limina murmur' (bees returning to the hive). This is said not to be a symptom of disease in bees, and *Wagn.* understands 'conexae' of the individual insect drawing up its legs in death. But the common interpretation is supported by *Aristotle, H. A.* IX 40, *εταν δὲ κρέμονται ἐξ ἀλλήλων ἐν τῷ σμήρει, σημεῖον γίνεται τοῦτο ὅτι ἀπολείπει τὸ σμήρος. ἀλλὰ καταφυσῶσι τὸ σμήρος ὄνῳ γλαυκεῖ οἱ μελιττοῦργοί, εταν τοῦτ' αἰσθάνονται.*

258. 'Clausis' is an ordinary epithet, carrying out the sense of 'intus' and opp. to 'ad limina.'

259. Aristotle, quoted by *Cerda*, says *ἄλλο δὲ νόσημα οἶον ἀργία τις γίνεσθαι τῶν μελιττῶν.* *Virg.* intimates apparently two causes of this lassitude, want of food in winter, and cold.

Rom. and *Pal.* have 'ignava.'

'Contracto,' congealed: applying however also to the effect of the cold on the bees, as if it had been 'contractae;' we

may compare with *Emm. Phaedr.* IV xxiii 19, 'Mori contractam tunc te cogunt frigora,' of a fly. *Mr. Blackburn* thinks it means 'the cold they have caught,' like 'contrahere morbum,' etc.: comp. 'frigus collegit' *Hor. Ep.* I xi 13.

260. 'Tractim' occurs *Lucr.* III 530 of death creeping gradually through the frame. Here it evidently signifies a prolonged and continuous sound.

261. These three similes are supposed to be from *Il.* XIV 394 foll., where the shout of the contending armies is compared to waves breaking on the shore, to fire in a mountain glen, and to wind among the trees, each comparison occupying the space of two lines.

'Quondam,' indefinite, 'at some time or other.' *G.* III 99, *A.* II 367 note.

262. 'Stridit' *Med. Pal.*; 'stridet' *Rom.* [*Virg.* always uses 'stridère.' See *Georges Wortformen* or *Neue-Wagener Formenlehre* III 273; comp. 'fervere' I 456, 'fulgère' *A.* VI 827, *Munro Lucr.* VI 180, etc.] 'Refluentibus,' retiring after having broken on the coast.

263. 'Clausis' accounts for the sound. 'Rapidus:' see *E.* II 10.

264. 'Hic' of time is frequent in *Virg.* Instances are collected by *Wagn., Q.* V. xxiii, all of them, with the exception of the present, from the *Aeneid*.

'Galbaneos odores,' like 'croceos odores,' I 56. For 'galbanum' see III 415.

'Suadebo:' see III 329. The first person, as in III 295, 300; the fut. ind. as in III 100, 409.

265. There seems to be an allusion to the troughs from which cattle drank, called 'canales,' III 330. 'Harundinei canales' are, then, reeds used as troughs.

It may be a question whether 'inferre

hortantem et fessas ad pabula nota vocantem.
 proderit et tunsum gallae admiscere saporem
 arentisque rosas aut igni pinguia multo
 defruta vel Psithia passos de vite racemos
 Cecropiumque thymum et grave olentia centaurea. 270
 est etiam flos in pratis, cui nomen amello
 fecere agricolae, facilis quaerentibus herba ;
 namque uno ingentem tollit de caespite silvam,
 aureus ipse, sed in foliis, quae plurima circum
 funduntur, violae sublucet purpura nigrae ; 275
 saepe deum nexis ornatae torquibus arae ;

canalibus' means 'to introduce into troughs' (dat.), or 'to convey (to the hives) by troughs' (abl.).

'Ultero,' 'gratuitously,' or 'going further' (see v. 204) ; the bees are not merely allowed to drink, but invited without overture made on their part.

266. 'Fessas' : of sickness, as Hor. Carm. Saec. 63, Liv. I xxv 11, etc. Forb. comp. the use of 'laboro' (κάμνω) and 'languo.'

267. Galls are given as astringents, as bees suffer from looseness in consequence of their diet (Col. IX 13).

'Tunsum' of course refers to 'gallae.'

268. Dried roses, like galls, are mixed with honey : wine not mixed, but given as an alternative, as appears from Col. I. c.

269. 'Defruta,' see I 295 ; 'Psithia,' II 93. 'Racemos' : probably the wine, not the grapes themselves ; Col. I. c. prescribes 'passo et defruto veteri fessas sustinere.'

270. Centaury, so called from its legendary use by Chiron to heal the wound received from Hercules' arrow, is mentioned by Lucretius IV 125 with the epithet 'tristia,' among the things 'quaeunque suo de corpore odorem Exspirant acriem.'

271. 'Amellus' is [probably the Italian starwort, *Aster amellus* Linn., which abounds in N. Italy : its flower has a yellow centre ('aureus ipse,' v. 274) with bluish-purple petals ('foliis'). So Gerard p. 486, Keightley, Bubani, and others.]

272. 'Facilis quaerentibus,' like 'facilem pecori' II 223, 'compliant to those who seek it,' i.e. easily found.

273. 'Uno de caespite' seems rightly taken by Serv. and Philarg. as a poetical equivalent to 'una de radice,' since the

stalks of the plant all spring from one root. [Others explain of the thick fibrous root, supposed to resemble a sod.]

'Silvam' of a growth of leaves, [I 76, 481 ; II 17, 207].

274. 'Ipse,' the centre ; 'foliis,' the petals. Comp. Ovid Met. III 509, 'croceum pro corpore florem Inveniunt, foliis medium cingentibus albis,' of a narcissus bloom (Voss).

275. 'Apparet nitor purpurae sub nigrore violae' Forc. [In this case 'violae' is dat. But it might be genitive : purple, as of a dark violet, shines faintly (against the gold of the centre), that is, the petals are purple. For 'nigrae violae' see E. x 39, perhaps a dark pansy. For 'sublucet' H. N. comp. Pliny IX 126 ('liquor) nigrae rosae colore sublucens.']

276. Weichert, Keightley, Ribbeck and others brand this line as spurious : Wagenaer thinks it was added 'secundis curis' by Virg. (cp. v. 203 note). But all the MSS. contain the line [and though Serv. and Philarg. do not notice it, the Berne scholia do]. On the other hand, the reasons alleged against its genuineness are precisely such as might appear to other judges evidences of the Virgilian manner. The reference to sacrifices, irrelevant as it may seem, is just one of those artifices by which Virg. exalts or relieves trivial subjects (comp. II 192 foll.). The structure of the line, unconnected with the context by relative or other particle, is what we find elsewhere in his descriptions ; e.g. in A. I 12 the inserted clause actually interrupts a sentence which is resumed immediately afterwards. The omission of the verb substantive is also common in such descriptions, as line 277. 'Torquis' has already been used with some want of strictness III 168, of twisted

asper in ore sapor; tonsis in vallibus illum
 pastores et curva legunt prope flumina Mellae.
 huius odorato radices incoque Baccho,
 pabulaque in foribus plenis adpone canistris. 280

Sed si quem proles subito defecerit omnis,
 nec, genus unde novae stirpis revocetur, habebit;
 tempus et Arcadii memoranda inventa magistri
 pandere, quoque modo caesis iam saepe iuvenis
 insincerus apes tulerit cruor. altius omnem 285

osiers put round a beast's neck, while here any association foreign to the nature of a fillet is at once corrected by 'nexus.' Nor can it be fairly urged that the number of the peculiarities is sufficient to bring the line into suspicion.

277. With the structure of this and the following line comp. II 134, 135.

'Tonsis' is explained by 'pastores.' There seems no need to give with Wagn. a present sense to the past participle, which here seems to have an aoristic sense (see v. 43 note), 'which cattle have been known to graze.' [It could also mean 'mown' i.e. 'after harvest' (G. I 71, 290), when the cattle are turned on to the grass.]

The 'valles' are doubtless meant to be Mantuan.

278. The introduction of 'Mella' is a domestic touch. [Philarg. says 'Mella amnis in Gallia Cisalpina, vicinus Brixiae, oritur ex monte Brenno:' and so Serv., though less explicitly. Med. corr. and the Berne scholia read 'Amellae.' The Berne scholia add that Amella was also the name of a town or a river in Campania.—H. N. Comp. Catull. LXVII 33.]

'Prope' Rom. has 'per.'

279. 'Odoratus' merely expresses the scent or 'bouquet' of generous wine, like *ὄνος ἀρωματίας, εὐώδης* Theoc. XIV 16. Columella's precept is (l. c.), 'ea (amelli radix) cum veteri Aminneo vino decocta exprimitur, et ita liquatus eius succus datur.'

280. Rom. has 'expone.' Mr. Blackburn thinks the word 'canistris' is chosen to elevate bees to the dignity of men.

281-294. 'If the stock of bees should die out altogether, there is a remedy which involves a long story. I will tell it, for the remedy is one in which eastern nations repose unbounded faith.'

282. 'Genus novae stirpis' is pleonastic; either 'novum genus' or 'nova stirps' might have expressed the meaning.

'Revocetur:' A. 1235, 'revocato a sanguine Teucrici.' Strictly, it is inconsistent with 'novae.' The second stock might be called either new or a restoration of the old: Virg. mixes the two.

'Habebit:' the fut. ind. is joined with the fut. 'exactum' to indicate a difference in the time of the actions. So, in speaking of present time, we might have 'proles eum defecit, nec habet,' etc. Comp. III 327.

283. It is doubtful whether 'et' means 'both' referring to 'que' following, or 'also' i.e. in addition to the previous precepts. ['Et... que...'] though found occasionally in good Latin (Madvig de Fin. v 64) does not occur in Virg.]

'Tempus pandere:' see on I 213.

'Arcadii magistri:' Aristæus (I 14) is said by Justin (xiii 7) to have been king of Arcadia. He is called 'magister,' either as beekeeper (comp. E. II 33, III 101), or as teacher (E. v 48, A. v 391), the word in the latter sense being explained by 'inventa.'

This plan is called his 'inventum' apparently because he first made it known to the world; it was communicated to him by Proteus, as we shall see. His honours as inventor are greatly increased by other writers, e.g. Apoll. Rhod. and a scholiast on the Argonautics referred to by Cerda; they make him the first that got honey from bees, caused milk to curdle, produced oil from the olive, bred cattle, hunted with dogs, the introducer in short of most of the arts commemorated in the last two Georgics.

284. 'Pandere,' as Forb. reminds us, is a favourite word with Lucr., e.g. I 55.

'Iam saepe' with 'tulerit.'

'Caesis:' said generally, the mode of slaughter being explained below, v. 301.

285. 'Insincerus:' the only two instances given by the lexx. are from late

expediam prima repetens ab origine famam.
 nam qua Pellaei gens fortunata Canopi
 accolit effuso stagnantem flumine Nilum
 et circum pictis vehitur sua rura phaelis,
 quaque pharetratae vicinia Persidis urguet,
 [et diversa ruens septem discurrit in ora]
 et viridem Aegyptum nigra fecundat harena

290

writers. 'Sincerus' is used [regularly in early Latin of things unhurt or 'untainted'; 'corium sincerum,' 'porci sacres sinceri' (Plaut.), 'membra sincera' (Lucr.). The derivation from 'sine cera' is possible (comp. 'sedulo' and the Plaut. use of 'sine gratia'), and is upheld by Bréal, who thinks the word a beekeepers' term. It does not suit the sense, but nothing better has been suggested.]

The notion of the generation of bees from putrid oxen was common among the ancients, and lingered into the middle ages. It doubtless arose from bees having chosen the hollow of the body (as in other cases the hollow trunks of trees, II 453) as a convenient place for hiving; [compare Judges XIV 8; Hdt. V 114, etc.] Varro (II v 16) mentions it among the glories of oxen, 'ex hoc putrefacto nasci dulcissimas apes mellis matres, ex quo illas Graeci *βουγόνας* (*βουγενείς*, Scaliger) appellant,' and (III xvi) cites a line from Archelaus calling bees *βοδός φθιμένης πεποτημένα τέκνα*, and another, which in a slightly different form really belongs to Nicander (Ther. 741), *ἵππων μὲν σφήκες γενεά, μόσχων δὲ μέλισσαι*.

'Altius' Forb. comp. Cic. Legg. I 6, 'Alte et a capite repetere,' where 'alte' is explained by 'a capite,' as 'altius' here by 'prima ab origine.'

286. 'Prima . . . origine,' A. I 372.

'Fama' = 'fabula,' a sense nearly equivalent to that which it bears in such expressions as 'fama est.'

287. This and the five following lines are a periphrasis for Egypt.

'Pellaeus' because of the conquest of Egypt by Alexander (born at Pella) and the foundation of a Macedonian dynasty. Lucan is fond of the word, applying it to Ptolemy and his family, to the crown of Egypt, and to Alexandria (V 60; VIII 475, 607; X 511). [So other post-Augustan poets, finding it metrically convenient.]

'Fortunata,' blest in the fertility of their country, and perhaps in the con-

sequent diminution of labour; by no means a commonplace epithet as coming from the poet of the Georgics.

288. 'Stagnantem,' covering the land like a lake or pool, the consequence of its overflow. Comp. Lucan II 417, 'Si non per plana iacentis Aegypti Libycas Nilus stagnaret harenas,' and IV 134, 'Sic Venetus stagnante Pado, fusoque Britannus Navigat Oceano.'

289. These boats were of 'papyrus' (Lucan IV 136), or of earthenware (Strabo 788 *δοτράκινα πορθμεία*, Iuv. XV 127, evidently copying Virg., 'parvula fictilibus solitum dare vela phaelis Et brevibus pictae remis incumbere testae').

290. The mention of Persia as near Egypt seems to be one of the many ex- of Virgil's vague geography; comp. v. 211.

'Pharetratae': Hor. Od. II xvi 6 'Medi pharetra decori.'

['Urget' Med. Gud.—H. N.]

291, 293. [Med. has these lines in the order printed above; Pal. has 292, 291, 293, 294. Rom. has 292, 293, 291. That is, 291 assumes a different place in each MS. Mr. Nettleship notes that Serv., Philarg. and the Berne scholia comment on 292, 293, not on 291, and brackets 291 as interpolated: this explains its varying position in the MSS. and its intrinsic feebleness. Conington accepted the order of Med., observing that 'the context does not require anything to be left out, though the passage is overloaded.' Ribbeck holds that Virg. wished to better 289 and wrote 291, 292 and 291, 293 as alternative substitutes (comp. 203 note): others alter more violently.]

292. 'Viridem' and 'nigra' are doubtless antithetical. The opposition is not much to be admired, especially as 'viridem' appears to be a predicate, taken closely with 'fecundat' and expressing the effect of the fecundation, but that is no reason for suspecting the line. See E. VI 54 for a similar instance. Comp. generally 'quae septem geminus colorat

usque coloratis amnis devexus ab Indis,
 omnis in hac certam regio. iacit arte salutem.
 exiguus primum atque ipsos contractus ad usus 295
 eligitur locus; hunc angustique imbrice tecti
 parietibusque premunt artis, et quattuor addunt,
 quattuor a ventis, obliqua luce fenestras.

Aequora Nilus' Catull. xi 7, which Virg. may have had in mind.

'Nigra' [black Nile-mud. In G. III 240, A. IX 714, it means the mud from the sea bottom].

'Harena,' of the sand of a river, III 350.

293. 'Indis,' apparently Ethiopians, unless we are to extend Virg.'s geographical untrustworthiness further.

'Coloratis:' as we talk of men of colour, as Keightley remarks. Ovid Am. I xiv 6 applies the epithet to the Seres. [Cic. de Or. II 60 'cum in sole ambulem, fieri ut colorer,' Orator 42, etc.]

294. 'Iacit' seems to be a synonym for 'ponit,' derived from the phrase 'iacere fundamentum,' [Non. p. 327, and] Serv. 'Certam salutem' then is a condensed expression for 'spem certae salutis.'

Med. a m. p. has 'certe.' [Pal. and Rom. 'iacet.']

295-314. 'The remedy is to kill a two-year-old bullock in a narrow chamber by beating, bruise the body, and leave it there with casia and thyme. Bees will gradually breed within it; at last you get a large swarm.'

295. There is something awkward in this didactic description of the process, introduced here after the legend accounting for it has been promised and before it has been given, especially as the close of that legend afterwards contains the same precept in two forms. Here again we have a presumption that we are reading an alteration of the original draught.

The precept itself is given in detail by Florentinus (Geop. xv 2), who professes to follow Democritus and Varro. On this first head he says that the chamber, *οίκος*, should be ten cubits high and broad, and four square, with one door and four windows, one on each side. Virg. evidently intends to give similar directions; but his language is not easily explicable. He says that a suitable spot is to be chosen, narrow and confined—an injunction which Florentinus seems to have thought unnecessary, and which ap-

pears superfluous, for, if the chamber was of proper size, it could not signify whether it was built in an open space or in a hole. Thus he can scarcely mean more than that a chamber is to be built of sufficient smallness for the purpose.

'Ipsos contractus ad usus:' it seems open to us to interpret either (1) as if 'ad usus' = 'in usus' (which is actually found in Pal. and the first reading of Med., and is accepted by Ribbeck), the sense being, 'narrowed for that object,' or (2) as if 'ad' expressed the standard to which the reduction was to be made, 'narrowed down' (we might say) 'to the bare occasion.' 'Ad usus' is found nowhere else in Virg.: for 'in usum' or 'usus' see III 313 and A. IV 647, 'non hos quaesitum munus in usus.'

296. 'Imbrices,' semi-cylindrical tiles covering the lines of junction between the rows of flat tiles ('tegulae') on the roof. 'Angusti imbrice tecti' here seems a poetical amplification for 'angusto tecto.' [Serv. and the Berne scholia remark that 'imbrex,' though generally masc., is properly feminine, quoting Plaut. Mil. II vi 24. Did they read 'angustaque imbrice tecti'?—H. N.]

298. 'Obliqua luce,' so as not to admit too direct light, which would interfere with the subsequent process. How this is to be done, as Mr. Long remarks, Virg. does not explain.

Mr. Yonge takes 'a ventis' away from the winds, as III 302, and supposes that the windows are to look N.E., S.E., N.W., S.W., so that at noon the sun would strike a window obliquely. [The words of themselves might also mean 'facing the four winds.' The four winds, as Serv. says, are Eurus, Zephyrus, Boreas and Notus (Homer), though there appears to be no other passage in Greek or Latin in which 'four winds' are mentioned as the four points of the compass. Nor is there anything of the sort in art.]

Virgil means that the windows are to admit very little light or air: see 303 note. This device would help putrefaction.]

tum vitulus bima curvans iam cornua fronte
 quaeritur; huic geminae nares et spiritus oris 300
 multa reluctanti obstruitur, plagisque perempto
 tunsa per integram solvuntur viscera pellem.
 sic positum in clauso linquunt, et ramea costis
 subiciunt fragmenta, thymum casiasque recentis.
 hoc geritur Zephyris primum impellentibus undas, 305
 ante novis rubeant quam prata coloribus, ante
 garrula quam tignis nidum suspendat hirundo.
 interea teneris tepefactus in ossibus umor

299. 'Iam' may refer to 'bima' or 'curvans' or both. The bullock's second year is to be past, and his horns already grown. Comp. E. III 87, 'Iam cornu petat, et pedibus qui spargat harenam.' Florentinus (l. c.) says that the bullock is to be thirty months old and very fat.

300. 'Spiritus oris,' another amplification for 'os.'

301. 'Multa reluctanti' may be, as Germ. thinks, a translation of the Homeric πᾶλλ' ἀεκαζόμενος (Il. VI 458, Od. XIII 277).

'Opsuitur,' the reading of Med. and the Berne scholia, was accepted by Heins. 'Obstruitur' (so most MSS.) agrees better with the precept of Florentinus, that every aperture in the bullock's body be closed up with pitched cloths. 'Obsuo' is much the rarer word, only four instances being cited by the lex., all in the form 'obsutus.'

Florentinus says that this closing up is to take place after the beast has been killed; Virg. evidently means that he is to be first stifled and then beaten to death—a less likely direction.

'Plagis perempto' is probably not to be pressed, as if the action were finished before that mentioned in the next line began. The meaning seems to be 'plagis perimitur et solvuntur,' 'plagis' really referring to both verbs.

302. 'Integram,' unbroken. Florentinus particularly insists that no blood is to be drawn, a prohibition which Virg. seems to have forgotten when in v. 542 he makes Proteus tell Aristaeus to cut the throats of the animals chosen for the purpose. 'Per' will then denote the medium through which the blows are to pass.

'Viscera' is defined by Serv. on A. VI 253, 'quidquid inter ossa et cutem est.'

'Solvuntur' : the body is to be crushed

and mashed up. Florentinus directs that the bones are to be broken up as well as the flesh, ὀμοῦ ταῖς σαρκὶ τὰ ὀστῆα συναλοῦντας.

303. Florentinus goes on to say that the bullock is to be laid on a heap of thyme, and door and windows closed with mud, to exclude light and air. After three weeks the chamber is to be opened and light and air admitted, care only being taken to keep out wind. When the carcass appears to have got air enough, the place is to be fastened up again as before, and left for ten days longer. 'Clausum' is twice used by Columella of a closed place.

'Sic positum' : see on A. II 644.

304. 'Recentis,' explained by Serv. 'statim carptas.' [Literally perhaps 'still moist.'—H. N., Contrib. to Latin Lex., p. 567.]

305. It is not clear whether the 'undae' meant are of rivers or of the sea, nor consequently whether 'impellentibus undas' is intended to be emphatic, 'driving the waters hitherto congealed,' or merely to be the filling up of a picture in which 'Zephyri' are the prominent object. The latter is illustrated by A. III 69, 'ubi prima fides pelago, placataque venti Dant maria.'

306. 'Rubeant' : the subj. seems used, not, as Forb. thinks, in a potential sense, 'ante quam prata pro naturae ratione . . . novis coloribus rubere possunt,' but to show that care is taken to perform the operation as early as possible, purposely (as it were) anticipating the full spring.

With 'rubeant' comp. II 319, 'vere rubenti.'

307. ['Hirundo' is here the house-martin; the swallow nests on, not hanging from, the rafters. (W. W. Fowler.)]

308. According to Florentinus, when

aestuat, et visenda modis animalia miris,
 trunca pedum primo mox et stridentia pinnis, 310
 miscentur, tenuemque magis magis aera carpunt,
 donec, ut aestivis effusus nubibus imber,
 erupere, aut ut nervo pulsante sagittae,
 prima leves ineunt si quando proelia Parthi.
 Quis deus hanc, Musae, quis nobis extudit artem? 315

the chamber is opened on the eleventh day, clusters of bees will be found, while of the bullock nothing will remain but horns, bones, and hair. He adds that the queen-bees (*βασιλεις*) are said to be generated from the brain and spinal marrow, the common bees from the flesh. He also describes the process of formation, saying that at first the bees will be seen to be small and white, imperfect and scarcely animate, motionless, yet in a state of growth; afterwards they will gradually put out their wings, assume their proper colour, and form round their queen, though with short and weak flights, or cluster round the windows, to get to the light. Finally, he recommends the opening and shutting of the windows on alternate days, lest the bees should be stifled by confinement.

'Umor' seems to mean the animal juices, not the blood, as Serv. and Heyne explain it.

'Teneris' probably refers to the pounding which the bones have undergone (see v. 302).

309. 'Visendus' = 'spectandus,' as we should say, 'worth seeing.' 'Epulum omni apparatu ornatuque visendo,' Cic. *Vatin.* XIII 31.

'Modis miris' (I 477) qualifies 'animalia,' as if it had been 'mira.'

310. 'Trunca pedum,' like 'orba pedum,' *Lucr.* v 840 (see Munro). The more regular, though scarcely more usual, construction would be 'trunca pedibus,' *Ov. M.* xv 376. *Sil.* (x 311), imitating *Virg.*, has 'truncus capitis.'

'Et,' not only with legs, but with wings.

311. 'Miscentur,' 'swarm.'
 'Magis magis,' Heyne comp. *Catull.* LXIV 274, 'Post vento crescente magis magis increbrescunt.' Rom. and originally *Med.* give 'magis ac magis.' *Μάλλον* is a phrase in *Attic Greek*.

Rom. and one of Ribbeck's cursives have 'captant.'

313. ['Rupere': instantaneous, I 49 note. 'Eripuere' Rom.—H. N.]

'Aut ut:' a few MSS., including two of Ribbeck's cursives, give 'vel ut.' 'Hoc suavius,' says Pierius, 'illud vero primum numerosius.' It is not easy to see why the poet should have given so slow a movement to a verse expressing the flight of an arrow; but he would naturally avoid 'vel ut,' as likely to be mistaken for 'velut.'

'Pulsante:' of the violent rebound of the string propelling the arrow. 'Nervo per nubem impulsa sagitta,' *A.* XII 856. *Germ.* comp. the Homeric *ἀπὸ νευρήφην δίστοός*.

314. The Parthians are naturally chosen, as in *A.* XII l. c., as the most formidable bowmen that the Romans knew. The reference here is to the shower of arrows with which they begin the battle.

'Leves: nunc ad armaturam' (*Philarg.*); perhaps also, as Keightley thinks, because they fought on horseback, and so could execute rapid movements.

315-330. 'Who first showed men the remedy? Aristaeus, having lost his bees, addressed his goddess mother Cyrene in despair, complaining that he was not allowed to enjoy even the mortal honours of rural success, and bidding her ruin him at once if she were minded that he should not thrive.'

315. There is no opposition, as might appear at first sight, between this line and the next, as though the one suggested a divine, the other a human origin for the device. 'Hominum' is not opposed to 'deus,' but parallel to 'nobis,' *Virg.* here, as at the opening of *G.* I, speaks in the spirit of the old mythology, which believed that each step of agricultural progress was due to the teaching of some god, while in v. 316, as in I 133 foll., he dwells on the labour of human experience in following the impulse given.

'Extudit,' for which [the Berne scholia mention a variant] 'extulit,' is, as Heyne remarks, not strictly appropriate to a god, being used I 133 for the birth-throes of

unde nova ingressus hominum experientia cepit?
 pastor Aristaeus fugiens Peneia Tempe,
 amissis, ut fama, apibus morboque fameque,
 tristis ad extremi sacrum caput adstitit amnis,
 multa querens, atque hac adfatus voce parentem: 320
 'mater, Cyrene mater, quae gurgitis huius
 ima tenes, quid me praeclara stirpe deorum—
 si modo, quem perhibes, pater est Thymbraeus Apollo—
 invisum fatis genuisti? aut quo tibi nostri

man's invention; and elsewhere (e.g. 328) for difficult tasks). But it is possible that Virg. intended to identify the god with those he benefited, especially as several of the agricultural divinities had been men in their day.

316. 'Experientia' [does not exactly correspond to our word 'experience,' but means rather 'the act of making new trials or ventures,' just as 'experiens' means 'bold, adventurous.' (See Contrib. to Latin Lex. p. 451.) So that the line before us would mean 'What' or 'who started mankind on this new course of adventure, or experiment.' The Berne scholia say 'experientia, id est industria et vere ratio' (*rerum notio*!). Hagen reads *vita ratio*.—H. N.]

'Ingressus cepit,' like 'capere initium': comp. the use of 'incipio.'

317. Whence Virg. derived the following story is unknown. Heyne thinks from the elaboration that it must have been closely imitated from some Alexandrian writer, possibly from a poem which once was extant under the name of Eumelus, *Βουγυρία*, as we learn from the Chronicon of Eusebius. A brief version of the tale is given by Ov. F. I 363 foll.

'Fugiens,' simply 'relinquens,' Forb. Aristaeus is supposed at the time of the narrative to be still living in Thessaly.

318. ['Morboque fameque:'] comp. Lucr. III 732, 'morbis alique fameque.'—H. N.]

319. 'Caput,' 'source' (Serv.). This sense agrees best with 'extremi' ['distant,' H. N.] and with the use of 'caput' in v. 368: some edd. have however taken it to mean 'mouth,' as in Lucan III 202, etc.

'Sacrum' is as it were a perpetual epithet of the sources of rivers, which were supposed to be the seat of the river-god or nymph, and commonly had a chapel built near them; see E. I 52. An

old commentator on Hor. Od. I i 22, says 'omnis fons in origine sacer est,' [and so Seneca, Ep. xli, 'magnorum fluminum capita veneramur.'] Burm. thinks that the scene below requires a much larger body of water above than could be found at a river's source; but the description is evidently not meant to be restricted by physical possibility, vistas of caverns being developed as easily as those in the Arabian Nights.

For 'sacrum' Med. has 'placidum,' perhaps, as Wagn. thinks, from an unreasonable recollection of A. I 127, 'summa placidum caput extulit unda.'

320. 'Adfatus' evidently verb, not participle.

321. It is perhaps better, with Wagn., to point after 'mater' than after 'Cyrene.' The first syllable of 'Cyrene,' as Heyne remarks, is long in Apoll. R., as here, short in Pind. and Callim. See III 461.

This speech is evidently modelled on Achilles' complaint to Thetis, II. I 349 foll.

322. Rom. and Gud. have 'a stirpe.'

323. Virg. imitates Od. IX 529, εἰ δέσσει γέ σός εἰμι, πατήρ δ' ἑμὸς εὐχέας εἶπαι, as Heyne remarks, and is himself imitated by Ov. M. I 760, 'At tu, si modo sum caelesti stirpe creatus, Ede notam tanti generis, meque adserere caelo,' comp. by Taubm. 'Si modo' expresses qualification, as in Cic. De Or. II 38, 'in hac arte, si modo est haec ars, nullum est praeceptum.'

'Thymbraeus' (from Thymbra, a valley in the Troad), A. III 85.

324. 'Invisum fatis,' like 'invisum caelestibus,' A. I 387; 'invisum divis,' A. II 647, 'fatis' being perhaps chosen here to mark that it is a demigod that is speaking.

With 'aut . . . amor' Heyne comp. A. II 595, 'Aut quonam nostri tibi cura recessit?' There, as here, 'aut' simply in-

pulsus amor? quid me caelum sperare iubebas? 325
 en etiam hunc ipsum vitae mortalis honorem,
 quem mihi vix frugum et pecudum custodia sollers
 omnia temptanti extuderat, te matre, relinquo.
 quin age, et ipsa manu felicitis erue silvas,
 fer stabulis inimicum ignem atque interfice messis, 330
 ure sata, et validam in vitis molire bipennem,
 tanta meae si te ceperunt taedia laudis.
 at mater sonitum thalamo sub fluminis alti

roduces a new question connected with the former, not in any sense an alternative to it.

325. 'Caelum sperare:' so Aeneas, the son of a goddess, looks forward to deification, A. I 250, XII 795. Burn. comp. Sen. H. F. 438, 'quo patre genitus caelitem speret domum,' spoken by Lycus of Hercules.

326. 'This crown of my mortality,' i.e. this thing which gave a dignity to my mortal existence, the praise of rural success, which falls within a mortal's sphere, and is his natural solace under the limitations of humanity. This seems better than to suppose with Keightley that he is speaking of the act of keeping bees in particular, which would give an air of triviality to the passage.

327. 'Frugum et pecudum custodia' is the poetical expression for a farmer's life: and of a farmer's life bee-keeping is a part. 'Pecudum' Med., Gud. corrected, and Nonius; 'pecorum' Pal., Rom., Gud. originally, [and so apparently the Berne scholia.—H. N.] The former is the common reading. Nonius tries to show that 'pecudes' = 'bees,' and some later lexx. have followed him, but neither this line nor v. 168 justifies that sense, which would be very flat.

328. 'Omnia temptanti extuderat:' comp. I 133, 'Ut varias usus meditando extunderet artis.' The experiments are of course in husbandry, of one sort or another.

'Te matre, relinquo: ac si diceret: sub ea perdo usum laboris, sub qua augere debueram.' Serv.

329. 'Ipsa manu,' with thine own hand, as probably in A. II 645. 'Felicitis silvas,' plantations of fruit trees.

330. 'Fer . . . ignem,' like 'ferte flammam,' A. IV 594. With 'inimicum ignem' Mr. Blackburn comp. *δηιον πυρ*.

'Interfice messis:' consume. Ursinus comp. a quotation from Cicero's *Oeconomics* in Nonius p. 450, 'Nullo modo facilius arbitrator posse neque herbas arescere et interfici.' [So in Plautus, Lucilius, Lucretius: it is the original sense, limited later to killing.]

331. 'Sata,' as Martyn observes, coming after 'messis,' probably refers to young plants.

'Validam:' the first reading of Med. gives 'duram,' which Ribbeck adopts, apparently supposing 'validam' to have been introduced from A. XI 651. But the alliteration favours 'validam,' besides its external authority.

'Molire:' see I 329.

332. 'Taedia ceperunt,' like 'dementia cepit,' E. II 69.

333-347. 'His cry reached his mother as she sat in her cavern under the river with nymphs round her listening to a song.' The following passage is imitated from II. XVIII 35 foll., where Thetis hears the cries of Achilles, though the Nereids there enumerated are not sitting with her, but are summoned by her shrieks.

333. 'Sonitum sensit,' heard the sound. It would seem from v. 353 foll. that she did not distinguish the words.

'Thalamo' is explained by v. 374 to be the chamber in which Cyrene was sitting, which is supposed to be what we, by the same metaphor, call the bed of the river, though in the subsequent description it appears to widen into a subterranean region, containing the sources of all the waters on earth. Cerda comp. Soph. O. T. 195, where the sea is called *θάλαμος Ἀμφιπριτας*. 'Sub' then means under the roof of the chamber. The picture, as Heyne observes, is drawn from the heroic age, when royal ladies sat in their chambers spinning with attendants about them.

sensit. eam circum Milesia vellera Nymphae
 carpebant, hyali saturo fucata colore,
 Drymoque Xanthoque Ligeaque Phyllodoceque,
 caesariem effusae nitidam per candida colla,

335

334. ['Sentit' Rom.—H. N.] The finest of earthly wool (III 307) is chosen, with Virg.'s characteristic love of local epithets, as fit material for the work of these goddesses.

335. 'Carpentes pensa puellae,' I 390. 'Aeternumque manus carpebant rite laborem,' Catull. LXIV 310. The word denotes nothing more definite than the rapid passing of the wool through the fingers.

'Hyalus,' ὕαλος, like its adj. 'hyalinus,' is only found in two or three late authors. A green colour, like glass, would be appropriate to sea-nymphs.

'Saturo' would be a more proper epithet of the thing dyed than of the dye, just as Sen. Thyest. 955 talks of 'saturae vestes ostro Tyrio.' It occurs however as an epithet of a full deep colour, Sen. Q. N. I 5, 'purpuram quo melior saturiorque est.' Pliny XXXVII 170, 'ion apud Indos violacea est, rarum ut saturo colore luceat.' [IX 138 of the conchyliata vestis, 'laudatur ille pallor saturitate detracta.' It should be noticed that in all these passages 'satur' is used of a purple or crimson colour. Hence perhaps the fact that the Berne scholia give two explanations of it here, 'rubeo' and 'largo' abundanti.' Probably the last is right. Philarg.'s note as it stands seems corrupt: 'saturo ebrio et per hoc presso colore' (rubeo et per hoc pretioso?)—H. N. The uses of the word are collected in Wölfflin's Archiv v 35.]

336. This muster-roll is studied after the list of Nereids in II. XVIII 39 foll., though the names are different in Virg., who, with questionable judgment, includes land-nymphs as well. A longer list is given in Hes. Theog. 243 foll., but Virg. does not seem to have borrowed from it. Such enumerations, as Heyne says, are common in the old Greek poets and in their imitators, especially Ovid. In the former they mark the simplicity of the chronicler: in the latter they are doubtless designed to produce an appearance of verisimilitude, at the same time that Heyne may be right in speaking of them as an intentional display of learning, while the imagination is naturally captivated by

the mere sound of a long succession of harmonious names belonging to mythic antiquity, as any reader of Milton can bear witness.

337. 'Caesariem effusae nitidam per candida colla' is like 'perque pedes traiectus lora tumentis,' A. II 273. The common solution of the construction is that the acc. denotes the extent to which the subject of the verb or participle is affected, but this cannot be applied without harshness to these exx. The hair is so distinguishable from the person that it requires no less licence to speak of the unbinding of the one as an unbinding of the other, than to say that a man is passed through his feet because things are passed through them. The strangeness of expression in the latter case is, moreover, modified by the double sense of 'traicio,' which takes an acc. indifferently of the person pierced and of the thing driven through; just as in A. IV 137, 'chlamydem circumdata limbo,' the application of 'circumdati' to a person enveloped in a robe mitigates, not logically but rhetorically, the harshness of saying that Dido is surrounded by an embroidered border in respect of her mantle. The truth of the explanation, however, is not impeached by a few extreme exx. in a writer like Virg. There seems no call to follow Madvig, § 237 b, in placing these and similar instances under a separate head with a rule that 'the participle perf. of the passive . . . is used of a person who has done something to himself, as an active verb, with an acc.'—to which rule A. II 273 is admitted to be an exception. In such cases, however, it is hazardous to dogmatize.

[Perhaps, after all, the simplest explanation of this construction may be obtained by supposing that the acc. is simply the acc. of the object governed by the verb, which still retains its active force, though itself put into a passive form. Thus 'caesariem' is governed by 'effundit,' as if the sentence had run 'quae caesariem suam effuderant.' The case is harder in 'perque pedes traiectus lora tumentis,' but this might also be written out in the active form thus, 'quem Achilles lora traiecerat per pedes:' literally 'through

[Nesaeae Spioque Thaliaque Cymodoceque,]
 Cydippeque et flava Lycorias, altera virgo,
 altera tum primos Lucinae experta labores, 340
 Clioque et Beroe soror, Oceanitides ambae,
 ambae auro, pictis incinctae pellibus ambae,
 atque Ephyre atque Opis et Asia Deiopea,
 et tandem positis velox Arethusa sagittis.
 inter quas curam Clymene narrabat inanem 345
 Volcani, Martisque dolos et dulcia furta,
 aque Chao densos divom numerabat amores.

whom Achilles had passed thongs, through his feet,' the double acc. being like that in 'transmittere naves flumen,' and the like. The principle underlying all such sentences is this, that the active verb, though accidentally thrown itself into a passive form, still retains its governing power, and retains the acc. which it would have taken had the sentence been cast in an active form. Just so in English we can say 'I am asked a question,' 'I am told a story,' where 'question' and 'story' are accusatives after 'ask' and 'tell': 'he asked me a question,' 'he told me a story' being the active forms of the sentence.—H. N. See also 482 below.]

338. I retain this verse in brackets, on account of the convenience of preserving the ordinary numeration, though it is plainly a copyist's insertion from A. v 826. All the best MSS. omit it, and the context repudiates it, as the names mentioned are all from Homer (Il. xviii 39, Θάλειά τε Κυμοδόκη τε, Νησαίη Σπειώ τε), whereas in the list Virg. does not borrow from Homer, with the exception of Clymene.

339. Med., Pal., Gud. corr. and two other cursives omit 'que' after 'Cydippe,' but Wagn. seems right in supposing that Virg. would have avoided the concurrence of the same vowels in a hiatus.

'Flava,' golden-haired, like 'Ganymede flavo,' Hor. Od. III iv 4: so 352 below.

340. Germ. comp. II. xvii 5, πρωτοτόκος, κενυρή, ού πριν ιδύνα τόκοιο.

341. 'Oceanitides' (ὠκεανίτις). The one other instance of this word in Latin seems to be in Hyginus' preface: [in Greek it does not occur at all in this sense].

342. These nymphs are described as in huntress costume (comp. A. I 323); as

Serv. says, huntresses frequently become water-nymphs and vice versa. Heyne refers to Callim. Hymn to Artemis, v. 42, where the goddess chooses nymphs for the chase out of the Oceanides.

There is no need to restrict 'auro' to the zone (Forb.). These huntresses may have been equipped like Dido, A. IV 138, 'Cui pharetra ex auro, crines nodantur in aurum, Aurea purpuream subnectit fibula vestem.'

343. ['Ephyra' Med.—H. N.] 'Opis' is one of the companions of Diana, A. XI 532, 'Deiopea' is one of the train of Juno, A. I 72.

'Asia,' from the Asian meadow, I 383.

344. 'Tandem positis sagittis': Arethusa had just left her hunting, in which she delighted, after a long chase, and joined the company in the cavern, she being river-nymph and huntress at once.

345. 'Clymene' is named Il. xviii 47. The custom of singing during spinning or weaving is as old as the Odyssey (v 61, x 221); and in Theocr. xxiv 76 Teiresias tells Alcmena that Argive women shall sing of her as they sit spinning in the late evening. See Forb. on I 293, and comp. Eur. Ion 196, 506 Paley.

In 'curam inanem' Serv. finds 'definitio amoris': but the next clause seems to refer it to Vulcan's guardianship of his wife, which Mars eluded (Odys. viii). If we take 'curam' of love, 'inanem' must be understood of the requital which the husband's affection found. The reference cannot be to Vulcan's stratagem against the adulterous pair, as that was successful. But Virg. doubtless meant to give merely the beginning of the story, not its sequel.

346. [Pal. has 'matris.'—H. N.]

347. For 'Aque' Med., Rom., and the St. Gall fragm. have 'Atque.'

carmine quo captae dum fuis mollia pensa
 devolvunt, iterum maternas impulit aures
 luctus Aristaei, vitreisque sedilibus omnes 350
 obstipuere; sed ante alias Arethusa sorores
 prospiciens summa flavum caput extulit unda,
 et procul: 'o gemitu non frustra exterrita tanto,
 Cyrene soror, ipse tibi, tua maxima cura,
 tristis Aristaeus Penei genitoris ad undam 355

348-386. 'Learning from one of her attendant nymphs the cause of the noise, she bade the waters retire, that he might pass to her chamber. He walked through the caverns, and saw with wonder the sources of all the great rivers of earth. When he had reached her presence and told his grief, she ordered the feast to be spread, and after making a libation to the ocean-god, began her counsel.'

348. 'Carmine quo' like 'quo motu,' I 329, the song not having been expressly mentioned in the previous words.

Med. and Gud. have 'fuis dum,' [the St. Gall fragm. 'dum fusi.'—H. N.]

349. 'Devolvunt' apparently expresses the carrying down of the thread by the weight of the spindle as it was formed. The author of the *Ciris* (v. 445) says 'Non licuit gravidos penso devolvere fusos?'

'Impulit auris:' Forb. comp. 'aurem impellere,' Pers. II 21; 'sensus impellere,' Lucr. I 303.

'Iterum:' the sound had already reached Cyrene, v. 333; we are left to infer that she did not take notice at once, while the description in the intermediate lines fills up the interval between the first and second appeal.

350. 'Vitreis' prob. includes both glass-green colour (above, v. 335) and glassy brightness. Ovid (*M.* v 48) speaks of the 'vitrea antra' of the nymphs. Heyne and Voss are clearly wrong in scanning it as a spondee by synizesis. ['Amnes' Med. originally for 'omnes.'—H. N.]

351. 'Sorores,' as Heyne remarks, is used rather widely, the nymphs being, as we have seen, of various kinds, while in v. 341 two seem discriminated from the rest as sisters.

352. A line nearly repeated A. I 127.

353. 'Et procul' is similarly placed without a verb A. II 42. The chamber of Cyrene was in the depth (vv. 322, 333, 361, 362), so that Arethusa, having

emerged from the water, had to call from a distance. The use of the vocative of the participle, designating a person by a merely temporary attribute, is akin to those in A. II 283, XII 947.

354. 'Ipse,' as Aristaeus was the first object with his mother.

'Tibi' referring generally to the sentence. Cyrene had virtually asked 'Quis stat lacrimans?' Arethusa replies 'Aristaeus tibi stat lacrimans,' acknowledging Cyrene's interest in the answer.

'Tua maxima cura:' 'tua cura,' E. I 22; 'mea maxima cura,' A. I 678. Comp. Aesch. Cho. 749, φίλον δ' Ὀρίστην, τῆς ἐμῆς ψυχῆς τρεβίην.

355. 'Penei' is the Latinized gen. of the form Πηνεός, a form apparently existing only in a very doubtful reading of Theocr. xxv 15 (where most editors give Μηνίου), but sufficiently supported by the analogy of Ἐστέροιος, Ἐστέροος, etc.

'Genitoris' probably is merely a constant epithet of a river (comp. the Greek feeling for rivers as *κουροτρόφοι*), as in A. VIII 72, 'tuque, O Thybri, tuo genitor cum flumine sancto.' If we could suppose Peneus to have been the father of Cyrene, there would be more reason why Aristaeus should go to the source of the river to make her hear, just as Achilles cries to Thetis, stretching his hands to the deep, and is heard by her as she sits below by the side of her old father (Il. I 350, 352, XVIII 36, where, as here, the old god takes no part in the action). But there is no authority for such a parentage but Hyginus Fab. 161, while Pind. (P. IX 13) makes Cyrene the daughter of Hypseus. We must suppose then that this chamber, being the abode of the river-nymphs, was figured by Virg. as accessible from the source of any river, and that Aristaeus naturally betook himself to Peneus as the river of Thessaly. This will account also for the supposed distance of the chamber

stat lacrimans, et te crudelem nomine dicit.
 huic percussa nova mentem formidine mater,
 'duc,' age, 'duc ad nos; fas illi limina divom
 tangere,' ait. simul alta iubet discedere late
 flumina, qua iuvenis gressus inferret. at illum 360
 curvata in montis faciem circumstetit unda
 accepitque sinu vasto misitque sub annem.
 iamque domum mirans genetricis et umida regna
 speluncisque lacus clausos lucosque sonantis
 ibat, et ingenti motu stupefactus aquarum 365
 omnia sub magna labentia flumina terra

from the top of the water, and for Arctusa's specification of the place where Aristaeus stands, by the stream of Peneus.

356. 'Crudelem' is a predicate, as in E. v 23, where see note. Aristaeus' cry is supposed to be 'Crudelis mater Cyrene,' which is in fact the substance of what he has already said. 'He is crying on thee by name for thy cruelty.'

357. 'Nova' is not to be understood like 'iterum,' v. 349, of a fresh access of terror, but simply of terror as a new feeling succeeding a more ordinary state of mind. So A. II 228, 'Tum vero tremefacta novus per pectora cunctis Insinuat pavor.' It will then be rhetorically equivalent to 'subitus' or 'repentinus,' by which Heyne translates it, though it may also have a sense of 'unusual,' the fear in this case being a feeling alien to a goddess, as in the passage from A. II it appears to have been somewhat preternatural.

359. Ursinus comp. II. xxiv 96, ἀμφὶ δ' ἄρα σφί λιάζετο κύμα θαλάσσης.

360. 'Gressum ferre,' A. vi 377, XI 99.

361. The image is from Od. xi 243, as Macrob. (Sat. v 3) points out, Πορφύρεον δ' ἄρα κύμα περιστάθη οὐρεὶ Ἴσον Κυρῶθιν, κρήνην τὴ θεόν. There the water is represented as deranged to provide concealment, so that the sense evidently is that a wave is formed swelling to the height of a mountain (a picture which we have already had in the case of the sea III 240), and furnishing, by the displacement occasioned by its rising, a cavity beneath its surface in which a person might hide himself. Applying this to the present context, we must suppose that the waters first separate on each side (v. 359) to make a dry way for Aristaeus, and then, when he has set his foot on the bottom, close over

his head, and allow him to walk under them till he comes to the place where his mother is. The mountainous aspect of the water has reference then to its appearance from the outside.

For 'faciem' Med. has 'speciem.' [Pal. has 'circumspicit,' a corruption probably for 'circumstetit.'—H. N.]

362. 'Accipere nos dicitur locus, quem ingredimur: mittere, dum per eum transimus,' Heyne.

364. These pools closed in with caves seem to be the sources of the rivers. Heyne comp. A. VIII 74, 'quo te cumque lacus . . . Fonte tenet, quocumque solo pulcherrimus exis.'

'Sonantis,' probably with the noise of the water. A. III 442, 'Averna sonantia silvis;' VII 83, 'nemorum quae maxima sacro Fonte sonat.' Serv. has a story, to which he thinks Virg. refers, of an Egyptian custom of dedicating youths to the nymphs: 'qui quum adolevisset, redditi narrabant lucos esse sub terris et immensam aquam omnia continentem, ex qua cuncta procreantur.' With the picture generally comp. Plato's description (Phaedo, p. 112) of the great chasm, into which and out of which all rivers flow.

365. 'Motus aquarum' would naturally mean the heaving of water in a storm, as in Prop. IV (III) xv 31, 'magnos cum ponunt aequora motus.' Here however the sense seems to be 'the mighty flow of waters;' 'ingenti' refers to the number of streams as much as to the size of any particular stream.

366. It would best suit the context to suppose that Aristaeus sees not the rivers themselves, but their sources, as vv. 364, 368 seems to imply, though there is no necessity to limit the size of the cave.

spectabat diversa locis, Phasimque, Lycumque
 et caput unde altus primum se erumpit Enipeus,
 unde pater Tiberinus et unde Aniena fluenta
 saxosusque sonans Hypanis Mysusque Caicus 370
 et gemina auratus taurino cornua voltu
 Eridanus, quo non alius per pinguia culta
 in mare purpureum violentior effluit amnis.
 postquam est in thalami pendentia pumice tecta

367. 'Diversa locis pro diversis locis,' Philarg. 'Diversus' however is frequently used as an epithet of things locally separated, as in 1 446; see A. XII 621 note.

Phasis and Lycus are mentioned together as belonging to Colchis: Strabo II, p. 801 B, *ποταμοὶ δὲ πλείους μὲν εἰσὶν ἐν τῇ χώρᾳ, γυρωμῶτατοι δὲ Φάσις μὲν καὶ Δύκος.*

368. For 'primum' Med. gives 'primus.'

Some MSS. omit or transpose 'se,' or read 'rumpit' (Rom.) or 'rupit' (Pal.). [For 'erumpit' active, see 1 446, A. XI 549 note, and Munro Lucr. 1 724.]

'Enipeus': Od. XI 238 *ὅς πολὸν κάλλιπος ποταμῶν ἐπὶ γαῖαν ἴησιν.*

369. 'Aniena fluenta,' like 'Tiberina fluenta,' A. XII 35. Schrader, followed by Ribbeck (Proleg. 47), transposes this and the following line, so as to bring the Italian rivers together.

370. 'Saxosus': so the best MSS. and Philarg. The sibilant is doubtless intended: comp. Lucr. I 326 'sale saxa peresa,' A. V 866 'adsiduo longe sale saxa sonabant.' Serv. says 'saxosum legendum ne duo sint epitheta,' but this seems a grammarian's corr. For the not uncommon double adj. compare G. III 28, A. VIII 559, and notes.

371. Aeneas (A. VIII 77) addresses the Tiber, 'corniger Hesperidum fluvius regnator aquarum,' and so Hor. Od. IV xiv 25 'tauriformis Aufidus.' This mode of representing rivers was extremely common in ancient literature and art.

'Auratus cornua': [so Martial x vii 6 'cornibus aureis' of the Rhine, and Ausonius (Mos. 471), in an obvious imitation of Virgil, of the Moselle. Con. thinks the primary reference is to the custom of gilding the horns of oxen for sacrifice, but a Bull-god would not be sacrificed. Prof. P. Gardner suggests that gilt horns would be natural on a bronze bull.]

The Eridanus is introduced here as in

A. VI 659, where his course is supposed to be in the Elysian fields.

373. Homer II. XVI 391 *εἰς ἄλα πορφύρεην μέγαρα στενάχουσι ρέουσαι.*

'Purpureum': Cic. Acad. II xxxiii 105, 'mare, Favonio nascente, purpureum videtur;' Furius Antias ap. Gell. XVIII 11,

'spiritus Eurotum virides cum purpureis undas;' Catull. LXIV 274, 'Post vento crescente magis magis increbescunt, Purpureaque procul nantes a luce refulgent.'

The Romans, in applying the epithet to the sea, apparently thought of its brightness when flushed by the wind: compare the notes on E. V 38, A. VI 640.

In Greek *πορφύρεος* is usually taken to denote the dark, troubled sea, the *ἄρβυξ ὕφαλον*.

In one passage however it denotes a medium between darkness and strong light: *φαίνεταί δὲ καὶ ἡ θάλασσα πορφυροειδής, ὅταν τὰ κύματα μετατρέψωμεν κατὰ τὴν ἕγκλισιν σκιασθῆ· πρὸς γὰρ τὸν ταύτης κλισιὸν ἀσθενεῖς αἱ τοῦ ἡλίου αἰγαὶ προσβαλοῦσαι ποιοῦσι φαίνεσθαι τὸ χρῶμα ἀλουργίς . . . ἐλάττονος δὲ τοῦ φωτός προσβάλλοντος, ζοφερόν, ὃ καλεῖται ὄρφυον* (Aristotle de Color. II 4). See further Liddell and Scott.

'Violentior': comp. II 452. Keightley asserts that this is not the character of the Po at the present day, suggesting that the elevation of its bed may have diminished its speed; but Lord Dudley (Letters to the Bishop of Llandaff, p. 61) says 'It is very broad at Piacenza and pours along with tremendous rapidity.'

Mr. Long says it is violent when flooded, not so when low.

'Effluit': Philarg. notices a variant 'in-fluit,' found in one of Ribbeck's cursives.

374. 'Pendentia pumice tecta' might mean 'a hanging roof of stone,' or 'a roof from which masses of stone hang' like stalactites. [Ennius (?), quoted by Cic. Tusc. Disp. I 37, has 'per speluncas saxis structas asperis pendentibus.' This is imitated by] Lucr. VI 195, 'speluncas

perventum et nati fletus cognovit inanis 375
 Cyrene, manibus liquidos dant ordine fontis
 germanae, tonsisque ferunt mantelia villis ;
 pars epulis onerant mensas, et plena reponunt
 pocula ; Panchaeis adulescunt ignibus arae ;
 et mater, 'cape Maeonii carchesia Bacchi : 380
 Oceano libemus,' ait. simul ipsa precatur
 Oceanumque patrem rerum Nymphasque sorores,

... saxis pendentibus' structas,' where the reference is to hanging stones composing the roof, so that the balance favours the former view. It is also supported by two passages from Seneca, 'Et si quis specus saxis penitus exesis montem suspenderit' (Ep. 41), and 'hic vasto specu Pendent tyranni limina' (Herc. Fur. 719). There is the same doubt about Ov. Her. xv 141, 'Antra vident oculi scabro pendentia tofo.' Martial (II xiv 9) has 'centum pendentia tecta columnis' for a roof supported on pillars. [Compare A. I 166 note.]

375. 'Inanis' seems a customary epithet, 'idle tears,' which do not cure distress. So 'lacrimae inanes,' A. IV 449, X 465. It is commonly explained vain, because easily remedied; but the context shows no such confidence on the part of Cyrene, and the construction of the episode seems intended to exalt the dignity of the remedy, as only to be obtained from a god, and that with difficulty.

'Cognovit,' as we should say, learnt the history of.

376-378. Parts of these lines are repeated A. I 701 foll. 'Manibus,' for the hands, as if it had been 'manibus lavandis.' The entertainment is after the manner of the heroic age, e.g. Od. I 136 foll. (Heyne).

'Ordine,' in the course of their duty, as distinguished from the others who spread the table. So perhaps A. I 703, v 102.

'Fontis' need mean no more than spring water, as A. II 686, XII 119; but there may be some special propriety in the word here, in the chamber of waters, where the offices of the table are done by water-nymphs.

377. Yates (Dict. Ant. 'mantele') agrees with Heyne in supposing that these napkins were woollen, with a close-cut, soft and even nap.

378. ['Aras' Pal. for 'mensas.'—H. N.] 'Reponunt:' see III 527.

379. The kindling of altars to the gods was part of a solemn banquet, A. I 704.

'Panchaeis ignibus,' fed with Arabian spices: so 'Herculeis ignibus' A VIII 542 means 'fire on the altar of H.' Med. corr. has 'pinguibus,' which Wagn. accepts. He regards 'Panchaeis' as a noun, on the analogy of the names of wines, etc., but this use would require something stronger than analogical confirmation.

'Adulescunt:' this seems a solitary instance of 'adolescere' in a sacrificial connexion. [Possibly it means 'smell,' like 'unguenta adolent' in Plaut. Cas. II iii 20. Whether it is connected with 'adolere,' to burn, is uncertain.—H. N., Contrib. to Latin Lex. p. 46: see also note on E. VIII 66.]

380. 'Carchesia,' A. v 77. It was slightly contracted in the middle, and its two handles extended from the top to the bottom; it was supported on a foot (Dict. Ant.).

'Maeonii,' Lydian, perhaps Tmolian (II 98).

381. The libation comes after the meal A. I 723, VIII 274.

382. Iliad XIV 246, 'Ὀκεανῶν, ὄσπερ γένοις πάντεσσι τέτυκται. Virg. gives the words however a physical sense found not in the original (which speaks of the mythological descent of the gods) but in later philosophy, such as that of Thales. The structure of the verse seems modelled on Iliad XIV 201, 'Ὀκεανὸν τε, θεῶν γένοις, καὶ μητέρα Τηθύν.'

There is something strange in the injunction to offer libation to the nymphs, addressed to one who had just been receiving quasi-menial ministrations from some of their number. It matters little whether we understand by 'sorores' sisters of Cyrene, as the nymphs have been apparently called vv. 351, 377, or simply a sisterhood, as in II 494, there being a further reference here to their relation to Oceanus.

centum quae silvas, centum quae flumina servant.
 ter liquido ardentem perfundit nectare Vestam,
 ter flamma ad summum tecti subiecta reluxit. 385
 omine quo firmans animum sic incipit ipsa;
 'Est in Carpathio Neptuni gurgite vates
 caeruleus Proteus, magnum qui piscibus aequor

383. 'Servant' combines the notion of tutelar presidency (1499) with that of constant tenancy (v. 459 below).

'Centum' can hardly be used here for an indefinite number, as both the repetition of the word and the tone of the passage, which expresses solemnity of enumeration such as was usual in prayer, show that the specification of the number is important. But there was no occasion for Virg. to tie himself to any tradition fixing the number of Dryads or Naiads, except so far as it might suit his purpose; so we need not be surprised that no evidence has been quoted to show that 100 was the recognized sum of either. Virg. is followed by Grattius (Cyn. 17), 'tuo (Diana) comites sub nomine divae Centum omnes nemorem, centum de fontibus omnes.' [Rom. has 'silvas et centum.'—H. N.]

384. Wine was poured on the altar towards the end of a sacrifice, partly, it would seem, with a view of quenching the fire ('reliquias vino et bibulam lavere favillam' A. VI 227; Aesch. Ag. 597, *θηγάγον κομῶντες εὐώδη φλόγα*), but partly to create a momentary blaze, which was regarded as auspicious (Soph. Ant. 1006; E. VIII 106), a result also attained by flinging incense on the fire (Ov. F. I 75 foll.). Emm. refers to Ov. Her. XIII 113, 'Tura damus lacrimamque super: qua sparsa relucet, Ut solet adfuso surgere flamma mero.'

'Nectar,' of wine, E. v 71 etc.

'Vesta' of a sacrificial hearth, as 'Volcanus' of fire generally, a use of which no other instance has been found.

Med. corr., Gud. and two other cursives have 'perfundit.'

385. 'Subiecta:' Med. a m. pr. has 'sublata.' Med. also has 'flammam' and 'tectis.'

386. 'Firmans animum,' encouraging Aristaeus; comp. v. 530, 'adfata timen-tem,' and for the language A. III 610, 'dextram Dat iuveni atque animum promisso munere firmat.' This way of taking the words gives force to 'ipsa,' which dis-

tinguishes the comfort she can offer from the comfort suggested by the omen. But the phrase is explained by several editors 'reassuring herself,' a view not very consistent with their interpretation of 'fletus inanis,' v. 375, and not supported by vv. 353, 357, as Cyrene's fear was before she knew what had happened to her son. [Nonius p. 357 and] Gud. originally read 'formans,' a variety which may support Bentley's conj. 'firmandae' in Hor. Od. III xxiv 54.

387-414. 'She bade him go to Pallene with her, and find there Proteus, the old prophet of the sea, who would tell him the cause and cure of the evil, but only under stress of persevering violence, as he would endeavour to elude pressure by his power of transforming himself into any kind of material form.'

Cyrene's speech is imitated from two by Eidothea to Menelaus, Od. IV 384 foll.

387. Keightley takes 'Neptuni' with 'vates;' but the order is against this, and though the words might mean that Proteus is the *προφήτης* of Neptune (see v. 394 and A. III 251), that would hardly be the rendering of the Homeric *γίγνον Ἰλιος νημερτής*, or even of *Ποσειδάωνος ὑποδμῶς*. 'Neptune's Carpathian gulf' is a natural expression in poetry for the Carpathian sea, even if we do not say that 'Neptuni' = 'maris,' and the epithet 'Carpathio' properly belongs to it. The geography as usual is vague, the Carpathian sea being strictly between Rhodes and Crete.

['Carpathio' Med., 'Carphalio' Pal., 'Carpatho' Rom. Ribbeck formerly spelt 'Carphatio.'—H. N.]

388. 'Caeruleus:' the sea-gods were actually represented as green: comp. Vell. Pat. II 83, where a man representing Glaucus pantomimically is 'caeruleatus.' Compare A. III 432.

'Proteus' in the post-Homeric legends of Troy is a king of Egypt, who detains Helen on her way to Troy (Hdt. II 112 foll.).

et iuncto bipedum curru metitur equorum.
 hic nunc Emathiae portus patriamque revisit 390
 Pallenen; hunc et Nymphae veneramur et ipse
 grandaevus Nereus; novit namque omnia vates,
 quae sint, quae fuerint, quae mox ventura trahantur.
 quippe ita Neptuno visum est, immania cuius
 armenta et turpis pascit sub gurgite phocas. 395
 hic tibi, nate, prius vinclis capiendus, ut omnem
 expediat morbi causam, eventusque secundet.
 nam sine vi non ulla dabit praecepta, neque illum
 orando flectes: vim duram et vincula capto
 tende; doli circum haec demum frangentur inanes. 400

389. 'Eosdem et pisces et equos dicit' (Philarg.). 'Equi marini prima parte equi sunt, postrema resolvuntur in pisces' (Serv.). This accounts for 'bipedum'; but the hendiadys is strange.

'Metitur' is doubtless, as Heyne says, from the Homeric *ἴλα μετρήσαστες*: but it receives force as applied to a sea-god from the contrast of the expression 'immensum mare,' well adduced by Cerda.

390. This points to a legend unknown to Homer, but referred to by Lycophron 115 foll., and variously given by Serv. and Philarg. One version was that Proteus fled from Egypt to escape from the tyranny of Busiris, and came to Pallene: another that he originally lived in Pallene, where he had a wife Torone (whence the name of the town) and two sons, Telegonus and Polygonus or Tmylus, who used to wrestle with and kill all comers, till at last they were themselves wrestled with and killed by Hercules, upon which Proteus in grief removed to Egypt, through a sea-cavern made for the purpose by Neptune.

391. ['Pellenen' Med. originally. — H. N.]

392. 'Grandaevus Nereus,' frequently called *γίγανθ* by Homer, Il. i 358, etc.

393. *ὅς ὄη τὰ ῥ' ἴοντα τὰ ῥ' ἰσοόμενα πρό τ' ἴοντα* (Il. i 70), of Calchas. The same breadth of knowledge is attributed to the Muses by Hes. Theog. 38, where Homer's line is almost repeated.

'Mox' goes with 'ventura.'

'Trahanur:' the subj. may stand either by supposing a repetition of 'novit,' or as making a hypothetical assertion, 'every thing which may be present, or past, or future,' where it is not said that there is

anything answering to any of these classes, but that if there is anything, he knows it. Med. had originally 'trahentur.'

'Trahanur' is a poetical equivalent for 'sint.' It may be explained either of distance, as in i 235, though the notion here is coming from the distance, there of stretching into it, or, with Wagn., of delay, which is another aspect of the same thing, or of the drawing of the thread by the Fates.

The MSS. of Macrobian Sat. 120 generally give 'sequentur,' which supports a variant in Gud., 'sequantur.'

394. Homer does not say that Proteus owed this knowledge to Neptune; but Virg. may have been thinking again of Calchas, who received his prophetic power from Apollo, Il. i 72.

395. 'The herds of the sea-god' is an expression found in the old Latin poets. Forb. comp. Liv. And. (fr. Aegisthus) v. 5, 'lascivum Nerei simum pecus:' Pacuv. (fr. inc.) v. 408, 'Nerei repandirostrum incurvicervicum pecus.'

'Turpis,' uncouth, III 52.

397. It is not clear, and it does not much signify, whether 'eventus' is to be taken of what has happened or of what will happen. The expression in the one case will be explained with Wund. 'quae acciderunt mala in melius mutet,' in the other with Keightley, 'det eventus secundos.'

400. 'Tende vim' may be explained like 'tendere retia,' 'insidias.' Or we may make 'vim et vincula' a hendiadys, though even then we should have to seek for some plausible explanation of the combination of the verb with the substantive,

ipsa ego te, medios cum sol accenderit aestus,
 cum sitiunt herbae, et pecori iam gratior umbra est,
 in secreta senis ducam, quo fessus ab undis
 se recipit, facile ut somno adgrediare iacentem.
 verum ubi correptum manibus vinclisque tenebis, 405
 tum variae eludent species atque ora ferarum.
 fiet enim subito sus horridus, atraque tigris,
 squamosusque draco, et fulva cervice leaena;
 aut acrem flammae sonitum dabit, atque ita vinclis
 excidet, aut in aquas tenuis dilapsus abibit. 410

as such things are not effected arbitrarily. For 'vincula tende' see A. II 236 note.

'Circum haec' seems to give a sort of physical image, combined with 'frangentur.' 'Against these barriers his craft will break.' Join 'inanes' with 'frangentur,' proleptic.

Pal. and Rom. have 'franguntur,' [and Rom. has 'dolis.'—H. N.]

401. In Od. IV 407 Eidothea promises to conduct Ulysses to Proteus ἀμ' ἡοὶ φαινομένην. ['Accenderet' Pal.—H. N.]

402. 'Cum sitiunt,' etc., is not co-ordinate with 'cum accenderit,' but defines and explains it, as if Virg. had said 'simul ac venerit tempus cum sitiunt.' The clause does not seem very appropriate, being intended apparently to speak of the habits of land cattle as if they held equally good of seals.

403. 'Secreta,' retreat, like 'secreta Sibyllae' A. VI 10, 'Aeneae secreta' VIII 463. Proteus is supposed to sleep at mid-day, like Silenus (E. VI 14) or Pan (Theocr. I 17, Nemes. Ecl. III 3), as if they were earthly shepherds. Δίξεται ἐν μίσσησι, νομὸς ὡς πάσει μῆλων, Od. IV 413.

405. 'Manibus vinclisque': Homer makes no mention of fetters, speaking merely of manual restraint, μελίτω κάρπος τε βίη τε . . . ἀστεμφίως ἐχέμεν μᾶλλον τε πύζειν . . . ἀμφὶ δὲ χεῖρας βάλλομεν.

406. 'Tum variae inludent pestes,' I 181. Rom. has 'ludent,' a natural error.

407. In Hom. the transformations of Proteus are summed up hastily by Eidothea, enumerated in greater detail by Menelaus when they actually occur: in Virg. the manners of description are reversed. There is nothing unnatural in either course: Menelaus, in speaking of what he had actually gone through, would

naturally be particular. Virgil has no such reason for detailing what actually happened to Aristaeus; while, independently of a desire for variety, he might think precision of detail especially suited to Cyrene's speech, as tending to reassure Aristaeus, who would wish to know all that was likely to happen.

'Sus horridus:' 'horrens Arcadiae sus,' Lucr. V 25, the 'bristled boar' of Gray. Hom. has μάγας σῦς.

'Atra,' which is designated by Heyne as 'mirum epitheton,' must be explained with him 'deadly'; as I 129, etc. There are, I believe, black tigers, but Virg. is not likely to have thought of them. Homer's beast is πάρδαλις.

408. ἀλλ' ἦτοι πρότιστα λίων γίνετ' ἡῦ-γίνεως, Od. IV 456. The lioness, Wagn. remarks, has no mane, so that Virg. in his love of poetical variety has gone near to an error in natural history, besides the awkwardness of turning a god into a female animal. Val. Fl. III 740 talks of a lioness' mane. [Rom. has 'leaenae.'—H. N.]

409. θεοκίδαίς πῦρ is mentioned by Eidothea among the shapes which her father assumes, but is not found among those enumerated by Menelaus.

Med. has 'sonitum flammae'; but the separation of adj. and subst. is more Virgilian.

410. 'In aquas abibit,' like 'fractus praediorum abeunt in sumptus,' Cic. Att. XI 2, though the image here seems purely physical.

'Tenuis,' III 335. The Homeric epithet is ὑγρόν.

The St. Gall palimpsest has 'elabusus,' [Pal. 'dilabusus.'—H. N.] Med. originally had 'habebit'; in A. V 156 'habet' and 'abit' are confused in the MSS.

set quanto ille magis formas se vertet in omnis,
tanto, nate, magis contende tenacia vincla,
donec talis erit mutato corpore, qualem
videris, incepto tegeter cum lumina somno.'

Haec ait, et liquidum ambrosiae diffundit odorem, 415
quo totum nati corpus perduxit; at illi
dulcis compositis spiravit crinibus aura,

411. Pal. has 'vertet,' and so one or two of Ribbeck's cursives. ['Set' Med. and the St. Gall fragm.—H. N.]

412. 'Contende tenacia vincla' is Virg.'s equivalent for Hom.'s μάλλον πύλειν. Serv. on v. 400 gives an allegorical explanation of the binding of Proteus, ending with these words: 'unde sacerdotem hunc dicit tunc posse vaticinari et suscipere divinitatem, cum religata in eo fuerit ignea cupiditas, silvestris asperitas, lapsus animi, aquarum mobilitati similis.' Pal. and originally Med. and Gud. have 'tantu:'. Serv. says 'alii legunt tam tu,' which Ribbeck accepts and supposes to have been read by Donatus on Ter. Hec. III iv 3.

413. Eidothea tells Ulysses to loose Proteus ὅτε κεν δῆ σ' αὐτὸς ἀνειρηται ἐπίσσειν, τοιοῦς ἰών, οἶόν κε κατενηθηῖντα ἴδησε. Ovid (M. XI 253), in a passage studied after Virg. and Hom., makes Proteus himself, 'Carpathius medio de gurgite vates,' give similar advice to Peleus about gaining possession of Thetis, 'Nec te decipiat centum mentita figuras, Sed preme quidquid erit, dum quod fuit ante reformet.'

414. 'Tegeter lumina somno' is a variety for 'somnus tegeter lumina,' with the added notion of the sleeper closing his eyes.

415-452. 'Having anointed him with ambrosia, she then took him to a sea-cave which Proteus haunted, and placed him in the shade, herself invisible. At mid-day Proteus came from the sea, and having counted his seals, laid himself down, when Aristaeus rushed on him, and in spite of his transformations, succeeded in making him resume his natural shape. The god asked why he had come. Aristaeus replied that there was no need to tell him what he knew already. Then Proteus began to tell him the cause of his trouble.'

415. In this paragraph, as in the last, Virg. follows Hom., though with some

variety in the circumstances. Menelaus has an application of ambrosia, not to his whole body, but to his nostrils, and that for a homely matter-of-fact reason, to overpower the smell of the sea-calves. In Virg. the object of the ambrosia seems to be to invigorate Aristaeus for his struggle.

What Virg.'s conception of ambrosia was is not clear. In Hom. it is a substance which the gods eat (Od. v 93), and with which they purify their bodies (Il. XIV 170). Virg. talks of its odour in A. I 403; in XII 419 its juice is brought by Venus to be used medicinally. In the present passage, as in A. I 403, an impalpable perfume would satisfy the context, and would seem the most natural way of explaining the present line in particular. ['Liquidum' may = pure.—H. N.] If the word 'perduxit' and the authority of Homer be held to prove that it must have been something which could be actually rubbed on the person, we must choose between (1) regarding 'liquidum diffundit odorem' as equivalent to 'diffundit odoratum liquorem,' 'diffundit' being nearly the same as 'perduxit,' which seems to be the common interpretation, and (2) supposing that Cyrene is said to make the air fragrant with the ambrosia with which she proceeds to anoint her son, as if she had opened some casket, which sent forth a perfume at once before its contents were touched.

[Rom. has 'ambrosia.'—H. N.]. Ribbeck reads 'defundit' from the St. Gall palimpsest. Pal. has 'perfundit,' Rom. 'depromit,' reading 'perfundit' in the next line for 'perduxit,' a curious variety.

416. With 'quo totum nati corpus perduxit' comp. Pers. II 56, 'auro sacras quod ovato Perducis facies.'

417. 'Compositis' seems to imply that his hair was arranged at the time when the perfume was imparted, if not by the same process.

['Aura' of odour, as Lucr. II 851, Martial III 652, etc.—H. N.] Rom. has 'auras.'

atque habilis membris venit vigor. est specus ingens
 exesi latere in montis, quo plurima vento
 cogitur inque sinus scindit sese unda reductos, 420
 deprensus olim statio tutissima nautis ;
 intus se vasti Proteus tegit obice saxi.
 hic iuvenem in latebris aversum a lumine Nympha
 collocat ; ipsa procul nebulis obscura resistit.
 iam rapidus torrens sitientis Sirius Indos 425
 ardebat caelo, et medium sol igneus orbem
 hauserat ; arebant herbae, et cava flumina siccis
 faucibus ad limum radii tepefacta coquebant :

418. 'Est specus ingens,' probably from Il. XIII 32, *ἔστι δὲ τὴν ἄνοιαν εἰσὺν*.

419. 'Exesus' frequently occurs as a descriptive epithet of a cave. 'Cyclopus exesa caminis Antra,' A. VIII 418. Comp. v. 44 above.

'Quo' refers to 'specus,' as the waves flowing into the cove would flow into the cave at the end of it.

420. 'Sinus reductos' evidently means the depth of the bay, the plural perhaps denoting the various indentations. 'Scindit sese' then will be used as implying motion. This passage helps us to understand A. I 160 foll., where the present line is almost repeated: see the note there.

421. The bay, like that in A. I 160, is from time to time ('olim,' which may also be understood with Forb. 'from long time') used as a shelter for ships. Comp. A. II 23, 'sinus, et statio male fida carinis.'

'Deprensus' of men overtaken in a sto m. So 'prensus Aegaeo' Hor. Od. II xvi 2, Ovid Met. XI 663, etc. In A. v 52, 'Argolico mari deprensus,' the sense is, overtaken by daylight.

422. There is a rock near the entrance of the cave, behind which Proteus retires to sleep undisturbed. 'Tegit' expresses habit. The clause is introduced to complete the description and prepare us for what follows, while the mention of his concealment apparently accounts for the fact that the same place is a roadstead for ships and a retreat for the sea-god.

423. Aristaeus is placed in a dark corner. Rom. and one of Ribbeck's cursives omit 'a.' 'A limine' is an ingenious variation in Gud.

424. ['Conlocat' Pal., Rom., Gud.—H. N.]

'Resistit' may mean no more than 'stat.' But it seems possible that it has the force of 'standing off,' with reference to the cloud into which Cyrene may be said to retire. In A. I 588 it seems to mean 'stands out,' being applied to Aeneas emerging from the cloud. So where 'resto' means 'to remain,' the sense seems to be that of independent standing.

425. In order that the mid-day heat may be intensified to the utmost, it is made to occur at the time of the domination of the dog-star.

'Rapidus,' E. II 10 note. It matters little whether or no 'rapidus' be taken as qualifying 'torrens' (G. III 28).

['Torrens' Pal.—H. N.]

'Sitientis Indos,' like 'sitientis Afros' E. 165. The Indians are here mentioned not of course as having any topographical relation to the scene, but to remind us of the star in his fiercest operation.

426. 'Ardebat' is erroneously taken by Philarg. and Cerda as active.

'Orbis' of the path through the sky, A. III 512, VIII 97.

427. 'Hauserat' expresses the absorption, as it were, of the space by motion over it: see III 104. Forb. comp. Stat. Theb. I 369. 'vastum Haurit iter.' ['Hauserat' Pal.—H. N.]

'Arebant herbae,' A. III 142. 'Cava flumina,' I 326.

428. 'Faucibus' is explained by 'cava' to mean the channel of the stream. There is rhetorical iteration in the expression, but not idle tautology, as Ameis objects, understanding 'faucibus' of the river's mouth.

cum Proteus consueta petens e fluctibus antra
 ibat; eum vasti circum gens umida ponti 430
 exsultans rorem late dispergit amarum.
 sternunt se somno diversae in litore phocae;
 ipse, velut stabuli custos in montibus olim,
 vesper ubi e pastu vitulos ad tecta reducit
 auditisque lupos acuunt balatibus agni, 435
 considit scopulo medius, numerumque recenset.
 cuius Aristaeo quoniam est oblata facultas,
 vix defessa senem passus componere membra,
 cum clamore ruit magno, manicisque iacentem
 occupat. ille suae contra non immemor artis 440
 omnia transformat sese in miracula rerum,

'Ad limum,' down to the mud at the bottom, constructed apparently with 'tepefacta coquebant,' which seems = 'tepefaciebant et coquebant.'

429. 'E fluctibus,' from its position, seems to go with 'petens' rather than with 'ibat,' though either construction is tenable.

430. Med. originally had 'circum vasti,' an obviously inferior order.

431. The bounding of the sea-calves, not mentioned in the *Odyssey*, is perhaps from *Il. XIII 27. ἀραλλε δὲ κίρτ' ὑπ' αὐτοῦ.* 'Rorem,' 1 385.

'Dispergit' (Med. and Rom.) seems better than 'dispersit,' on account of 'ibat' preceding, which would have led us to expect 'spargebat,' if the past had been retained, since there can hardly have been any intention to mark a difference of time by the perfect. Pal. has 'discerpsit.'

'Amarum' is the sole reference to the *πικρὸν ἄλδος πολυβενθῆος ὄδμην* on which Menelaus dwells so feelingly.

432. 'Stratus somno' occurs twice in *Livy* (VII 36, XXXVII 20), where Döring rightly takes 'somno' as the dative, 'laid down for (or to) sleep.'

433. 'Stabulum' is applied both to herds and flocks. 'Olim' seems here to mean 'at one time or other,' as in 421, etc. ['Stabulis' Pal.—H. N.]

434. 'Vitulos' is perhaps introduced on account of the comparison with 'vituli marini.'

'Ad tecta reducit' like 'redeunt in tecta' of the goats, III 316. Pal. has 'vespere.'

435. The lambs bleat as they are being driven home and folded. The image is perhaps varied from *Il. IV 435*, where the sheep are described as standing to be milked, ἀζηχῆς μεμακύναι, ἀκούουσαι ὄσα ἀρνῶν.

436. 'Solio medius considit avito,' A. VII 169. [Med. has 'considit' here. —H. N.]

437. 'Cuius facultas,' like 'si facultas tui praesentis esset,' *Planc.* to *Cic. Ep. X 4*, 'cuius' being *Proteus*. 'As soon as *Proteus* gave him the opportunity,' i.e. by lying down.

'Quoniam pro postquam *Pacuvius* [(fr. inc.) v. 392], "Quoniam ille interit, imperium *Calefo* transmissum est," *Philarg.* This use of 'quoniam' (originally 'quom iam') is recognized by *Fest.* p. 260 M. and *Donatus* on *Ter. Adelph. prol. 1*, and is not uncommon in *Plautus*, [*Brix* on *Trin. prol. 14*].

439. This and the following line are almost verbally from *Od. IV 454, 455*.

441. 'Miracula,' portents: not that there is anything portentous in the things themselves, but that the fact of transformation is portentous. So *Ov. M. III 671*, 'in quae miracula, dixit, *Verteris*,' perhaps imitating this passage.

'Miracula rerum,' probably = 'miras res,' like 'discrimina rerum' = 'res periculosas,' A. I 204. But a comparison of this expression with those referred to on *G. II 534* may strengthen the hint given there, that 'rerum' may have a local sense, 'in the world.'

ignemque, horribilemque feram, fluviumque liquentem.
 verum ubi nulla fugam reperit pellacia, victus
 in sese redit, atque hominis tandem ore locutus.
 'nam quis te, iuvenum confidentissime, nostras 445
 iussit adire domos? quidve hinc petis?' inquit. at ille:
 'scis, Proteu, scis ipse; neque est te fallere quicquam;
 sed tu desine velle. deum praecepta secuti
 venimus, hinc lassis quaesitum oracula rebus.
 tantum effatus. ad haec vates vi denique multa 450

442. 'Horribilem feram' serves as a brief summary of those enumerated vv. 407, 408.

443. ['Pellacia' is read by one of Ribbeck's cursives and the Berne scholia, is mentioned by Serv. and Philarg., and accepted by Bentley, Heins. and H. N. All the best MSS. have 'fallacia' (Med. a m. pr. 'phallacia'), which Ribbeck, Con. and most editors prefer. The two words are often confused in MSS., as Bentley observes on Hor. Od. III vii 20: compare Virg. A. II 90, where 'pellacis Ulixi' is generally preferred to 'fallacis' given by some ancient authorities.

'Pellacia' occurs in Lucr. II 559, v 1004, in each case 'placidi pellacia ponti,' but otherwise (like 'pellax') only in late writers.]

445. 'Nam quis' [for 'quisnam' often introduces a question in early Latin, Plautus Amph. II ii 28 'namquid ille revortitur?' Poen. v v 3 'namquem ego aspicio:' see Holtze II 363, Neue-Wagener Formenlehre II 491. So probably in A. II 373, XII 637. Conington compares γάρ in Iliad I 123, πῶς γὰρ τοι δῶσονται, etc., but this is perhaps different]. In the passage from the Odyssey which Virg. is imitating, the question begins τίς υἱ.

['Confidens' = 'audax,' illustrated from old authors by Nonius p. 262, Philarg. here, Donatus on Ter. And. v iii 5.—H. N.]

446. Med. has 'domus.'

447. 'Neque—quicquam' is (1) commonly understood 'nor is it possible to deceive thee in aught,' so as to continue the thought of 'Scis, Proteu, scis ipse,' and the Homeric epithet νημερής (Od. IV 384) might be quoted in support of this. But the awkwardness of supplying 'fallere' with a different subject in

the next line is so great, that it is (2) better to suppose the meaning to be 'Thou *canst* not deceive (me) by pretending ignorance, so cease to attempt it.' Comp. 'nequiquam fallis dea,' A. XII 632. It is true, as Wund. remarks, that in this construction the subject of the inf. is not usually expressed, but that is only because it can usually be supplied without difficulty, whereas here the dat. or acc. would be required. The parallel in the Od. (IV 465), οὐσα, γίγουσι τι με ταῦτα παρατροπῶν ἐπεινεύει, favours this view, though not decidedly. Admitting it, we may dispose at once of the variant 'cuicquam' (Pal. and one of Ribbeck's cursives), which Heins. retained. Serv. [and the Berne scholia] acknowledge both readings.

448. Why Aristaeus chooses to speak of his mother generally as 'the gods' is not clear, especially as he knows that Proteus knows all. Perhaps it is for that very reason, to intimate that it is not worth while to go into detail, just as in the next line he speaks of the death of his bee generally as 'lassis rebus.'

449. 'Hinc:' comp. 'hinc' in v. 446.

'Lassis' Med. Pal. etc.; 'lapsis' Rom. ['Lassis' is supported by the MSS.: 'lassis rebus' recurs in Ovid Tr. v ii 41, Pont. II ii 47, II iii 93, and finds a parallel in 'fessis rebus' A. III 145, XI 335. 'Lapsae res' is quoted from Seneca Herc. Fur. 646, but is plainly here the less probable, though Con. doubted.]

'Rebus' is prob. dative.

450. ['Et fatus' Med.—H. N.]

It is hard to say whether 'vi multa' refers, as some commentators take it, to the violence of inspiration under which Proteus speaks, or to the pressure from without. The latter would agree with v. 398 above, and is perhaps recommended

ardentis oculos intorsit lumine glauco,
et graviter frendens sic fatis ora resolvit :

‘Non te nullius exercent numinis irae.

magna luis commissa : tibi has miserabilis Orpheus
haut quaquam ad meritum poenas, ni Fata resistant, 455
suscitat, et rapta graviter pro coniuge saevit.

by the position of ‘denique,’ ‘vi denique multa’ seeming as if it might have the force of ‘vix tandem.’ The former is more in keeping with the picture given in the next two lines. Homer says only *ὡς ἑφάμην· ὁ δὲ μ’ αὐτίκ’ ἀμειβόμενος προσέειπεν*, Od. IV 471.

451. ‘Lumine glauco’ either with ‘ardentis’ or with ‘oculos.’ The colour of the eye is doubtless attributed to Proteus as a sea-god (v. 388) ; but it is worth while remarking with Cerda that the epithet in Hom. seems to go along with fierceness (the ‘truces et caerulei oculi’ of Tac. Germ. 4), so that the mood of Proteus may be intended to be noted also.

‘Intorsit,’ rolled on Aristaeus.

452. Whether the gnashing of the teeth is a mark of prophetic fury or of displeasure at the violence put on him, depends on the interpretation we give to ‘multa vi.’

‘Fatis’ may be either a dative or a modal abl., but is more probably dative, though Ov. M. XIII 126, ‘expectatoque resolvit Ora sono,’ which Cerda quotes, favours the abl. Comp. A. II 246, where there is the same question, the balance inclining towards the dative.

‘Fatis’ here may well mean oracles, as A. I 382, ‘data fata secutus,’ etc.

453-463. *Proteus* : ‘The cause of your trouble is the vengeance of Orpheus. His wife in trying to escape from you was bitten to death by a serpent. The nymphs wailed for her, and her husband was insoluble.’

453. An emphatic assurance that the affliction is a divine visitation. So in Greek, *οὐκ ἀνευ θεῶν* (Eur. Iph. A. 809), *οὐκ ἀμήνιτρον θεοῖς* (Aesch. Ag. 649). Taubm. comp. A. XI 725, ‘At non haec nullis hominum sator atque deorum Observans oculis.’ The deity spoken of must be the nymphs, as appears from vv. 532 foll., not Tisiphone, as Serv. and others suppose.

Wagn., who will not allow the lengthening of a short syllable where there is no

pause in the sense, thinks the early part of the line is corrupt.

454. ‘The crime you are expiating is great.’ For ‘luis’ Rom. and others have ‘lues,’ which Philarg., [the Berne scholia] and Cerda curiously interpreted as a substantive. ‘Magna lues : id est, magnum scelus.’ Serv. mentions a question about the punctuation, whether ‘tibi’ should be connected with what precedes or with what follows.

455. [‘Ad meritum’ Pal. and so Reiske, Heyne, Ribbeck, H. N. This suits the sense as given by Serv. and the Berne scholia ‘non tales qualis mereris,’ ‘ad’ being ‘up to’ as in ‘ad unum’ and the like. That is, Orpheus suffered wrong on wrong, his wife’s death, his failure to recover her, his own murder,—all through Aristaeus’ original offence : Aristaeus is now being punished less than he deserves. Con. read ‘ob meritum’ with Med. Rom. Gud., Priscian and Servius, and referred it to Orpheus, but admitted that the expression was harsh, if not inexcusably ambiguous.]

‘Poenas,’ Heyne suggests, may be the Furies ; but its reference is hardly so definite, as the visitation came from the nymphs.

456. ‘Suscitat :’ the notion of the dead man constantly crying for vengeance, as if fresh fictions were continually being summoned, explains ‘ni Fata resistant,’ which is a sort of pregnant expression, the meaning being that Orpheus will summon more, or that his summons will be heard, unless the Fates interpose. The Fates are perhaps those of Aristaeus, though the word may be understood generally.

For ‘ni’ Med. has ‘nisi.’

‘Rapta,’ snatched from him by death, as v. 504 shows. In Ovid’s account (M. XI 63 foll.) Orpheus and Eurydice are reunited after death. From Virg.’s language here we might almost infer that he did not mean this to be the case, though his words must not be pressed.

illa quidem, dum te fugeret per flumina praeceps,
 immanem ante pedes hydram moritura puella
 servantem ripas alta non vidit in herba.
 at chorus aequalis Dryadum clamore supremos 460
 inplerunt montes; flerunt Rhodopeiae arces
 altaque Pangaea et Rhesi Mavortia tellus
 atque Getae atque Hebrus et Actias Orithyia.
 ipse, cava solans aegrum testudine amorem,
 te, dulcis coniunx, te solo in litore secum, 465

457. Wagn. cites A. v 609, XII 901, as other instances where a person is indicated by a pronoun at the opening of a sentence, and afterwards further defined by a substantive, a mode of expression which he thinks taken from Hom., e.g. II. I 488, *αὐτὰρ δὲ μῆνι . . . πόδας ὠκείας Ἀχιλλεύς*. This of course does not interfere with any special propriety which may be found in the position of the substantive in that particular part of the particular sentence, as here, where the contrast between the serpent and the girl and between the thought of death and the thought of youth was doubtless intended.

'Dum fugeret,' like 'dum conderet urbem,' A. I 5, 'Dum genitor nati parma protectus abiret,' A. X 800. The subj. expresses a connexion of purpose between the principal clause and that introduced by 'dum,' though the precise connexion seems to vary in each case. Here we may render it 'in her hurry to escape,' or 'so but she might escape' ('dum' = 'dummodo'), which also seems to be nearly its sense in A. I 5; in A. X 800 it might be explained to cover the father's retreat under the protection of his son's shield.

No other instance is cited of 'per flumina,' which it seems safer to understand as = 'per ripas fluminis' than to give to 'per' the sense of 'prope.' To suppose that she was actually rushing through the river in her eagerness to escape would be extravagant. This story, connecting Aristaeus with the death of Eurydice, seems not to be found elsewhere.

459. The water-snake is lying in the grass on the bank. 'Servantem,' tenantem, like 'limina Vestae Servantem,' A. II 568; but there may be also a notion of

guardianship, as if it resented Eurydice's intrusion.

Note the delicacy with which Virg., instead of mentioning Eurydice's death, intimates it by the single word 'moritura.'

460. 'Aequalis,' of her mates. In Ovid M. X 9 she is strolling with the Naiads when she is bitten by the serpent; Virg. may have meant her to be with them when she is pursued by Aristaeus.

'Supremos' Med., Vat. etc., Nonius p. 388, Serv. and the Berne scholia. It indicates the force of the cry which reaches even the mountain tops: comp. Lucr. I 274, 'montisque supremos Silvi-fragis vexat flabris.' Rom. and Pal. give 'supremo,' the last call on the dead, as Ovid Tr. III iii 43.

461. ['Rhodopeiae arces:'] for the scansion see E. II 65 note. For 'arces' = hills see I 240, H. N. Contrib. to Latin Lex. p. 301, and II 172 note.]

462. Comp. A. III 13, 'Terra procul vastis colitur Mavortia campis, Thraeces arant.'

From this line to A. I 277 Pal. is wanting.

['Panchaea' Med., 'Panchai' Rom.—H. N.]

463. The Getae were classed by the ancients among the Thracians, Hdt. v 3, Strabo VII p. 295; comp. A. III 35. So we have had them coupled with 'Rhodope,' III 462.

'Orithyia' is mentioned as the nymph of the country. She is called 'Actias' as the daughter of Erechtheus, king of Athens, Acte being an old name of Attica.

464. 'Cava' is a quasi-Homeric epithet, having no relation to the context, but designating the object generally, as if it were part of its name.

465. 'Sola secum spatiat' I 389.

te veniente die, te decedente canebat.
 Taenarias etiam fauces, alta ostia Ditis,
 et caligantem nigra formidine lucum
 ingressus, Manisque adiit regemque tremendum,
 nesciaque humanis precibus mansuescere corda. 470
 at cantu commotae Erebi de sedibus imis
 umbrae ibant tenues simulacraque luce carentum,
 quam multa in foliis avium se milia condunt,
 vesper ubi aut hibernus agit de montibus imber,
 matres atque viri defunctaque corpora vita 475
 magnanimum heroum, pueri innuptaeque puellae
 impositique rogis iuvenes ante ora parentum ;
 quos circum limus niger et deformis harundo
 Cocyti tardaue palus inamabilis unda

466. Hor. Od. II ix 10, 'nec tibi vepero Surgente decedunt amores, Nec rapidum fugiente solem.'

467-484. 'He even went down to the shades and moved the iron Pluto. His song drew all the ghosts about him, and the doomed ones enjoyed a brief respite from torture.'

467. The entrance at Taenarus is apparently mentioned to keep up the Greek colouring of the narrative. ['Taenareas' Med.—H. N.]

468. 'Lucus,' of the abode of the spirits, as in A. VI 259 (comp. ib. 131, 154, 238, 473).

'Nigra formidine:' comp. Val. F. III 404, 'arvaque nigro Vasta metu,' Lucan III 411, 'arboribus suis horror inest.'

469, 470. These lines are meant to intimate that he preferred his request to Pluto, if not that he prevailed, while the language suggests the difficulty of the attempt.

470. A paraphrase of Homer's ἀμειλιχος Αἰδώς, II. IX 158.

471. 'Cantum' Rom. and others, 'at' being apparently taken for 'ad.'

472. 'Simulacraque luce carentum' is from Lucr. IV 35: see 255 above.

473. For 'in foliis' Med., Gud., and another cursive give 'in silvis,' which seems to be a remembrance of A. VI 309 foll. We have there two comparisons of the ghosts, to leaves falling in autumn, and to birds flocking across the sea to warmer climates. Rom. actually inserts before the present line A. VI 310-312 in a corrupt form.

474. 'When roosting or taking shelter from a storm.' Heyne compares I 374, where the cranes take shelter in the valleys.

475-477. These lines are repeated A. VI 306-308; their original is Od. XI 38 foll.

'Corpora' is applied to the shades A. VI 303. As in v. 477, Virgil confounds the dead body on earth with the spirit below.

476. 'Magnanimum:' for the form of the gen. see A. III 704.

477. This addition to the picture, of young men dead in their fathers' lifetime, is Virg.'s own, unless it was suggested by the epithet in Od. XI 38, νόμφοι τ', ἠΐθεοί τε, πολύτλητοί τε γέροντες. Comp. Nestor's grief in Juv. X 252, 'cum videt acris Antilochi barbam ardentem, cum quaerit ab omni Quisquis adest socius, cur haec in saecula duret.' ['The filial sacrifice and burial of Antilochus were celebrated in the Aethiopsis of Arktinos:'] Mayor on Juv. l. c. who gives ref. to other Greek poets. And from several touches in the Second Aeneid it is probable that Virg. knew Arctinus well.—H. N.]

478. For the black water of Cocytus see A. VI 132. 'Informis limus' is attributed to the Styx, ib. 416.

479. 'Tarda . . . coerct,' repeated A. VI 438, 439, with the change of 'tarda' into 'tristi.' For the application of 'palus' to the infernal rivers see on A. VI 323. Here it probably refers to Cocytus ('Cocyti stagna alta' A. VI, l. c.), though it would equally well designate Styx or Acheron. 'Inamabile regnum' occurs

alligat, et noviens Styx interfusa coerces. 480
 quin ipsae stupere domus atque intima Leti
 Tartara caeruleosque implexae crinibus anguis
 Eumenides, tenuitque inhians tria Cerberus ora,
 atque Ixionii vento rota constitit orbis.
 iamque pedem referens casus evaserat omnis, 485

Ov. M. IV 476, XIV 590, of the shades, as Forb. remarks. Fr. Vat. corr. has 'undae' (see A. VI 438), retaining however 'tarda.'

480. 'Interfusa,' because, flowing nine times round the region, it is supposed to enclose parts of it between each fold. Cerda compares Stat. Theb. IV 524, 'Et Styx discretis interfusa manibus obstat.' But it may merely denote separation between the two worlds, as Mr. Blackburn thinks.

481. 'Ipsae:' not only the patients, but the agents, the prisons and torturers themselves.

'Intima Tartara' is rightly made by Wagn. epexegetic of 'domus,' like 'urbem et promissa Lavini Moenia,' A. I 258, both being constructed with 'Leti.'

'Letum:' personified as in A. VI 277, where it appears as one of the figures at the gate of Orcus; here it seems to be the presiding genius of the whole place.

482. 'Caeruleos,' of the dark livid colour of the serpent, recurs A. VII 346, 'caeruleis unum de crinibus anguem,' which gives some slight support to 'caeruleis' in this passage, the first reading of Med.

'Implexae' (Med. originally, Serv.) is explained by Serv. as 'involutae, implicatae.' Wagn. cites Hor. Epod. v 15, 'canidia brevis implicata viperis Crines et incompertum caput.' 'Capillus horrore implexus et impeditus' is quoted by Forc. from Apul. The sense here seems to be that the Furies had snakes twisted among their hair, i.e. growing from their heads and matted or entwining themselves with the natural hair. For the acc. see 337 note.

Med. corr. and the Berne scholia have 'impexae,' which occurs in a parallel passage Tibull. I iii 69; Rom. and fr. Vat. have 'innexae' from A. VI 281 perhaps.

483. 'Inhians,' a-gape on Orpheus. 'Tenuit ora' may include both abstinence from barking and fixedness of countenance. See on A. II 1, where the adverbial use of 'intenti' will illustrate 'inhians' here.

484. 'Rota orbis' is difficult. We may either (1) make 'orbis' a genitive of quality, as we might say in prose 'a wheel of circular form.' [Mr. J. S. Reid observes that Latin poets often use a genitive of quality (with adjective) identical or almost identical in meaning to the noun which governs the genitive: so Prop. I iv 7 'formosi temporis aetas,' I vii 2 'arma fraternae tristia militiae']. Or (2) we may take 'orbis' for the wheel and suppose, after Heyne, that 'rota' is put for the rotation—a sense not inherent in the word, which would then be used improperly, and so would not need to be supported by explicit instances, such as those which Voss adduces and Forb. controverts. In E. IX 58, 'ventosi murmuris aurae,' the difficulty is somewhat similar.

'Vento constitit:' 'placidum ventis staret mare,' E. II 26 (note). The wind is supposed to be the cause, not the effect of the wheel's motion; it is charmed to rest by Orpheus' music, and its rest is made the cause of the wheel's standing still (Serv.). [Philarg. suggests that 'ventu' = 'adventu' is the true reading.—H. N. The same explanation, among others, is given by Daniel's Serv.]

485-503. 'He was returning, followed by his wife, and just on the point of emerging from Hell, when in a moment of forgetfulness he broke the condition imposed and looked back upon her. She fled, complaining loudly of his madness and her fate, and he was not allowed to return to seek her.'

485. Virg. simply indicates the giving of the consent by the epithet 'reddita,' and only mentions the condition parenthetically as an after-thought. This mode of telling the story was doubtless adopted on grounds of art, such as those which Horace (A. P. 43, 44, 136 foll.) applies to the larger question of the conduct of the plot of an epic: and it is so far successful that it keeps the mind fixed on Orpheus as the central figure, while it does not perplex those who already know

redditaque Eurydice superas veniebat ad auras,
 pone sequens, (namque hanc dederat Proserpina legem)
 cum subita incautum dementia cepit amantem,
 ignoscenda quidem, scirent si ignoscere Manes :
 restitit, Eurydicenque suam, iam luce sub ipsa, 490
 immemor, heu ! victusque animi respexit. ibi omnis
 effusus labor atque immitis rupta tyranni
 foedera, terque fragor stagnis auditus Avernis.
 illa, 'quis et me,' inquit, 'miseram et te perdidit, Orpheu,
 quis tantus furor ? en iterum crudelia retro 495

the legend. When Virg. came to the composition of the Aeneid, he seems to have seen the necessity of being more explicit, though even there his narrative is sufficiently different from the naive garrulity of Homer. Ovid, whose mode of narration is more rapid, tells the whole story from first to last (M. x 1 foll.).

487. 'Legem,' condition, A. XI 322 ; 'leges' and 'foedera' are coupled G. 1 60. Again we are left to collect from the context that Orpheus was specially ordered not to look back. The injunction, as Cerda remarks, seems to be one of the same kind as that mentioned E. VIII 102.

488. 'Dementia cepit,' E. II 69, VI 47. Rom. and others have 'subito.'

489. 'Manes : ' see v. 505.

490. Serv. connects 'iam' with 'suam,' and this Wagn. would approve but for the injury to the rhythm. But all that could be gained from it may be extracted from the passage as it stands, where 'suam' is emphatic, 'he looked back on his recovered Eurydice, just as daylight was actually upon them.

491. 'Victus animi,' like 'animi dubius,' III 289. See A. II 61, VI 332, and Munro Lucr. I 136. 'Victus' apparently means 'not master of himself.'

492. 'Effusus labor' is like 'incassum fusos . . . labores,' A. VII 421, and 'effudit curas,' Juv. x 78, though that is said of voluntary abandonment of exertion.

'Tyranni' : there is perhaps no passage in Virg. where a bad sense is obviously required for 'tyrannus,' and several where there is plainly no invidious connotation, [A. IV 320, VII 266, 342, x 448, and perhaps XII 75. In A. I 361, VIII 483 and perhaps here the bad sense suits, and Con. accepted it because Cic. etc. use the word thus : but, as he admits, this is unneces-

sary. In Virg. as in Ovid (e.g. Met. I 276, XI 203) a neutral sense 'ruler' seems quite appropriate.]

'Immitis' seems to imply that the condition was a cruel one, and that Pluto will not relent even thus for a second time.

493. 'Foedera : ' see note on v. 487.

'Terque fragor : ' Martyn cites Milton, Par. Lost, IX 782 : 'Earth felt the wound, and Nature from her seat Sighing through all her works gave signs of woe, That all was lost ;' and ib. 1000, 'Earth trembled from her entrails, as again In pangs, and Nature gave a second groan : Sky lowered, and muttering thunder, some sad drops Wept at completing of the mortal sin Original.' Serv. has a curious notion that the sound was one of joy among the shades, and quotes a passage from Lucan's lost Orpheus, 'gaudent a luce relictam (Heyne conjectures 'reductam' or 're-rectam,' but 'a luce relictam' may = 'luce carentem') Eurydicen iterum sperantes Orpheia, Manes.' Voss's opinion that the sound is occasioned by the force exerted to bring Eurydice back would spoil the poetry of the passage.

'Avernis' (Med. and Serv.) is adj. ns A. VI 118. Vat., Rom., Gud., and some MSS. of Serv. have 'Averni,' accepted by Ribbeck. Rom. has also 'stagni est.'

494. [Med. writes 'perdidit,' and so formerly Ribbeck.—H. N.]

495. 'Furor' is the 'subita dementia' of v. 488.

We need not take 'iterum' in the sense of 'rursus,' as Forb. thinks. It is true that the Fates were not calling Eurydice a second time 'retro,' but they were calling her a second time, and there is nothing strange in supposing Virg. to have combined two forms of expression, 'vocant retro' and 'vocant iterum.'

fata vocant, conditque natantia lumina somnus.
 iamque vale: feror ingenti circumdata nocte,
 invalidasque tibi tendens, heu non tua, palmas.
 dixit, et ex oculis subito, ceu fumus in auras
 commixtus tenuis, fugit diversa, neque illum, 500
 prensantem nequiquam umbras et multa volentem
 dicere, praeterea vidit; nec portitor Orci
 amplius obiectam passus transire paludem.
 quid faceret? quo se rapta bis coniuge ferret?
 quo fletu Manis, qua numina voce moveret? 505
 illa quidem Stygia nabat iam frigida cumba.

496. 'Natantia lumina,' A. v 856. 'Nant oculi,' Lucr. III 480, of a drunken man.

497. 'Ingenti circumdata nocte,' a contrast to the light into which they were emerging, v. 490, as in 'non tua' we have another contrast to 'Eurydicen suam.' Virg. has been supposed to imitate Eur. Phoen. 1453, *καὶ χαίρειν ἤδη γὰρ με περιβάλλει σκότος*.

498. 'Invalidas palmas:' 'in umbrae tenuitatem redactas' Serv., the Homeric *ἀμνηρός*.

'Tendens palmas:' A. VI 314, 'Tendebantque manus ripae ulterioris amore,' A. I 487, etc.

499. 'Tenuis fugit, ceu fumus, in auras' occurs A. v 740. The comparison is from Il. XXIII 100, *ψυχὴ δὲ κατὰ χθονός, ἥδ' ἐτε κακνός, Ὀϊχετο τετραγυῖα*.

500. 'Tenuis' is not an idle epithet; it marks that quality in the air which makes the disembodied spirit combine with it.

'Fugit diversa,' by another way, like 'quo diversus abis?' A. v 166. She was flying back to night, and consequently in a different direction from him. [Or 'fled afar.'—H. N.]

501. 'Umbras:' [either (1) the darkness which Orpheus clutches in hope of embracing Eurydice, as Con. originally took it, or (2) her shade, the pl. for the sing. as A. IV 571, v 87, as Forb. and Con. on second thoughts.]

'Multa volentem dicere:' A. II 790; see IV 390.

502. 'Praeterea,' A. I 49.

'Portitor:' Charon, A. VI 326 (note).

503. 'Obiectam' like 'obiecta . . . flumina' III 253.

'Passus:' the object is probably Orpheus, who, as Keightley says, must have attempted to cross the river again. Serv.

says ('palus' = Styx), 'mysticum est: dicitur enim bis eandem umbram evocari non licere,' suggesting the object of 'passus' to be Eurydice.

504. 'Quid faceret:' E. III 21 note. 'Quo se . . . ferret' like *ποὶ τράπωμαι* in Greek tragedy. Comp. A. IV 283. ['Erepta' Med. corr.—H. N.]

505. The latter part of the line seems merely to repeat the former, 'Manis' being extended to include the Powers below as well as the shades subject to them. There are no traces of a popular government among the shades. [This very common mode of expression prob. sprang from the belief that the dead were divine ('dei Manes'), a relic of ancestorship, which does not fit logically with the Greek Judges of the Dead, Pluto, etc.] 'Numina' is elsewhere applied to the Infernal Powers (A. VI 266, 324, VII 571). There is no occasion, for variety's sake, to understand it here of the gods above, who would not naturally have any jurisdiction in the matter. Here again we may infer that Orpheus made some fresh attempt, though the lines may merely be a soliloquy expressed in oratio obliqua.

Rom. reads 'quos' for 'quo,' Rom. and Med. 'quae' for 'qua.' ['Moneret' Med. originally.—H. N.]

506. This verse has been thought out of place, and is bracketed by Ribbeck. But it really adds much to the beauty of the passage, serving to complete the picture of hopelessness as presented to Orpheus' mind and to balance Eurydice's fate with his, described in the subsequent lines. 'What should he do? even while these thoughts are passing through his mind, she is on her way back over the Styx; and so she doubtless wanders as

septem illum totos perhibent ex ordine menses
 rupe sub aëria deserti ad Strymonis undam
 flevisse et gelidis hæc evolvisse sub antris,
 mulcentem tigris et agentem carmine quercus; 510
 qualis populea maerens philomela sub umbra
 amissos queritur fetus, quos durus arator
 observans nido inplumis detraxit; at illa
 flet noctem, ramoque sedens miserabile carmen

before on the shores beyond, while he,' etc. The objection that 'illa' is followed not by 'hunc' but by 'illum' may be met if we consider that the contrast is not meant to be so much formally expressed as suggested, her subsequent fate being left to be inferred from her being seen floating over the water.

'Nare' of sailing on board ship seems rare. Forc. quotes Catull. LXVI 45, 'iuventus Per medium classi barbara navit Athon.'

'Iam,' with 'frigida;' all the warmth of life by this time had left her. Compare the reason given by Lucian (De Luctu, 11) for putting a robe on the dead body, viz. that it might not take cold while crossing the Styx.

'Cumba' of Charon's boat, A. VI 303, 413.

507-527. 'He wandered about in wintry solitudes, lamenting his fate like the bereaved nightingale in strains that drew savage beasts and rocks after him, and never admitting the thought of another love; a slight resented by the Thracian women, who in a Bacchanalian orgy tore him in pieces. As his head floated down the Hebrus, it still repeated the name of his lost wife.'

507. 'Ex ordine' of continuous succession in time, III 341, where, as probably here, it refers to the succession of days.

508. 'Rupe sub aëria,' like E. x 14, 52.

509. Rom. reads 'fesse sibi,' a rather remarkable variation, accepted by Ribbeck.

'Antris:' Rom. has 'astris,' which is exceedingly plausible, whether we interpret it of night, when beasts prowl, or with Mr. Blackburn consider 'gelidis astris' a synonym for 'Arcto' or 'Septentrione.' [But Med., Gud. etc. have 'antris' and] poets are placed in caves elsewhere, Prop. IV i 5, 'Dicite, quo pariter carmen tenuastis in antro,' etc.; see Bentley on Hor. Od. I xxxii 1. Thus 'gelidis' would have force here as reminding us that caves

are not merely 'places of nestling green for poets made,' but have their dreary side, which was here the attraction to Orpheus.

'Evolvisse,' recounted his sufferings in order, a metaphor either from spinning or from turning over a book.

510. The existence of tigers in Thrace is of course a fanciful or mistaken notion. Keightley remarks that Shakespeare talks of a lioness in the Ardennes.

511-515. The celebrated simile which follows is compounded from Od. XIX 518 foll. and ib. XVI 216 foll., the former of which passages describes the nightingale singing as if in lamentation for her lost Itylus, while the latter speaks of vultures screaming for the real loss of their young. [This is the only place in which Virgil mentions the nightingale. His lines are true to nature (see next note), as are almost all his descriptions of birds, except the half-mythical kingfisher, III 338.]

511. ['Populea sub umbra:' Virg. 'must have been thinking of some scene like thick scrub along the banks of the streams near reedy Mantua: the ploughman had discovered the nest in the scrub and the nightingale had retired to a poplar branch to give voice to its grief or to spur its mate to fresh exertions. This passage is probably a reminiscence of some actual experience in the poet's boyhood.'—W. Warde Fowler, Class. Review IV 50, who also describes a nightingale singing in a poplar.]

512. οἰοί τε τέκνα Ἀγρόται ἐξείλοντο πάρος περηνά γενέσθαι, Od. XVI 217.

'Arator,' II 207, where however the word is used more strictly, as it is for ploughing that the countryman clears the land of trees, birds' nests and all.

513. δεινῶν ἐν πετάλοις καθιζομένη πικνοῖσι, Od. XIX 520. 'Observans' is used loosely to supply the want of an aor. part., the sense being 'observatos detraxit.' ['Opservans' Med.—H. N.]

integrat, et maestis late loca questibus implet. 515
 nulla Venus, non ulli animum flexere hymenaei.
 solus Hyperboreas glacies Tanaimque nivalem
 arvaque Riphaeis numquam viduata pruinis
 lustrabat, raptam Eurydicen atque inrita Ditis
 dona querens; spretae Ciconum quo munere matres 520
 inter sacra deum nocturnique orgia Bacchi
 discerptum latos iuvenem sparsere per agros.
 tum quoque marmorea caput a cervice revulsum

515. 'Integrat,' 'renews,' or 'repeats,' the nightingale constantly recurring to the same notes. Hom. (Od. l. c.) gives the contrary image, *ἢ τε θαμὰ τροπῶσα χίμι πολυηχέα φωνήν*. 'Maestis . . . implet,' perhaps from Lucr. II 146, 'liquidis loca vocibus opplet,' as Cerda suggests.

516. 'Nulla Venus: ' [see E. x 12 note.] 'Animum flexere: ' Catull. LXIV 330, 'Quae tibi flexanimo mentem perfundat amore.' The meaning, as it would be expressed in prose, seems to be, 'no passion bowed his soul, so that he took on him the yoke of wedlock.' If we choose to press 'non ulli flexere hymenaei,' understanding it of the softening influence of marriage, we may comp. Lucr. v 1017, 'puerique parentum Blanditiis facile ingenium fregere superbum.'

517. The places mentioned in this and the following line are doubtless intended by Virg. to be in or near Thrace, as Heyne remarks, since it is not likely that Orpheus would be represented as wandering far north of his own country; so that we must once more note the poet's loose handling of geography.

'Hyperboreas,' III 196. Trapp says of this and the next line, 'Those verses are enough to make one shudder at Midsummer.'

518. 'Riphaeis,' note on I 240.

'Viduata' is similarly used by Lucr. v 840, 'Orba pedum partim, manuum viduata vicissim.' Virg. may have chosen 'viduata' with reference to Orpheus' condition, but the thought, even thus slightly hinted at, would be a mere conceit,

520. 'Munus' is technically used of funeral honours (A. IV 624, VI 686, XI 26, and instances cited by the lex.), that being, according to one opinion (see Terullian de Spect. 12), the sense which led to another technical application of the word, to games, shows, etc. It does not

seem harsh to speak of Orpheus' constancy and suffering sorrow as a 'munus' to Eurydice in this sense, especially as 'quo' apologizes for the word with which it is joined, 'a tribute like this.' So in A. IV 624 the Tyrians are charged to be the implacable enemies of the Trojans, as a 'munus' to Dido's ashes. There would be considerable probability in the interpretation of Asper, mentioned by Philarg., 'ob quam rem,' *ὄβ χάριτι* ('quo munere' = 'cuius [Orphei] munere'), if it could be supported by examples; but though such expressions as 'vestro munere' (I 7), 'munere divom' (ib. 238), help us to see how the phrase might have arisen, they do not entitle us to assume its existence. [I suspect, however, that Asper read 'quo nomine,' as the Berne scholia conclude their note by saying 'numine, alii munere.' —H. N.]

'Spretamunere' then will mean 'slighted by the tribute,' i.e. feeling themselves slighted. 'Sperno' is specially used of rejected love, E. III 74, A. I 27, etc.

'Matres' seems a strange word for the marriageable women of Thrace (Ov. M. XI 3 has 'nurus Ciconum'), but it is prob. applied to them as Bacchanals, like *θύσσαν* "Αιδου μηρία, Aesch. Ag. 1235.

521. The story as told by Ovid is that the Thracian women, while in the midst of their orgies, accidentally saw Orpheus, remembered his scorn, and tore him in pieces.

522. [Nonius p. 405 reads 'diversum.' —H. N.]

523. The application of 'marmoreus' to the body is as old as Lucilius (XXVIII 47), 'Hic corpus solidum invenies, hic stare papillas Pectore marmoreo,' where however the reference seems to be to firmness of flesh rather than to colour.

'Caput a cervice revulsum' is from Enn. Ann. 462.

gurgite cum medio portans Oeagrius Hebrus
 volveret, Eurydicen vox ipsa et frigida lingua, 525
 a miseram Eurydicen! anima fugiente vocabat;
 Eurydicen toto referebant flumine ripae.'

Haec Proteus, et se iactu dedit aequor in altum,
 quaque dedit, spumantem undam sub vertice torsit.
 at non Cyrene; namque ultro adfata timentem: 530

'Nate, licet tristis animo deponere curas.

haec omnis morbi causa; hinc miserabile Nymphae,
 cum quibus illa choros lucis agitabat in altis,
 exitium misere apibus. tu munera supplex
 tende, petens pacem, et facilis venerare Napaeae; 535

524. Oeagrius was the father of Orpheus;
 'Oeagrius' here = 'paternus.'

525. 'Vox ipsa,' the mere voice, as if
 it were a separate organ, like the tongue.
 'Frigida,' v. 506.

526. 'Vocabat,' not that he invoked
 her in death (which the mode of the ad-
 dress contradicts), but that he went on
 lamenting her in death as in life.

527. 'Toto flumine,' if pressed, seems
 to mean over the whole breadth of that
 part of the stream down which the head
 floated while it retained its power of
 speech. To suppose that the head kept
 murmuring on in its course down the
 stream till it reached the sea, would be
 to suppose the poet's imagination losing
 itself in mere extravagance.

528-547. 'Proteus ended and left him.
 Cyrene remained to tell him the cure as
 well as the cause of his loss. It came, she
 said, from the nymphs, who were to be
 appeased by the sacrifice of four of his best
 bulls, their bodies being left in the sacred
 grove. On the ninth day he was to return
 to the grove, having first paid funeral
 honours to Orpheus and Eurydice.'

528. *ὡς εἰπὼν, ὑπὸ πόντον ἰδύσαο
 κυμαίνοντα*, Od. iv 570. In Hom. Proteus
 departs much less abruptly than in Virg.,
 answering questions from Menelaus, and
 comforting him after the news of his
 brother's death. Here variety is secured,
 without departure from prophetic custom,
 by confining him to a narrative of the
 events which led to the calamity, and leav-
 ing the rest to be said by Cyrene. But the
 fact remains, that, so far as the manner
 of his communication is concerned, he is
 too much the mouthpiece of the poet,

though the narrative is certainly so con-
 ducted as to excite pity for Orpheus be-
 yond every other feeling, and so to re-
 present to Aristaeus the gravity of the
 occasion.

'Iactu' expresses the mode; 'lapsu effu-
 giunt' A. II 225, 'cursu tendit' ib. 321.

529. 'Torsit sub vertice:' quod vulgari
 usu, vortice vel in vorticem, ita ut vortex
 fieret (Heyne). Proteus, diving to the
 depth, is said to wreath the water in foam
 under the eddy, the poet's object being to
 give the two images, of a body shooting
 down and sending up water, and of the
 eddy that agitates the surface.

530. 'At,' elliptic as in III 349.

'Ultró adfata,' spoke without waiting
 to be addressed, spoke at once.

531. Comp. Aesch. Ag. 165, *εἰ τὸ μάταν
 ἀπὸ φροντίδος ἄχθος Χρῆ βαλεῖν ἐτητύμως*.
 Med. originally had 'componere.'

533. For the dances of the nymphs,
 comp. A. I 498 foll.

535. 'Tende' pictures the attitude of
 suppliancy, outstretched hands with gifts
 in them. 'Tendentemque manus Priam-
 um respexit inermis,' A. I 487.

'Pacem,' reconciliation with the gods,
 A. III 261, etc. There is a verbal re-
 semblance to Lucr. I 40, 'Fundé, petens
 placidam Romanis, incluta, pacem.'

'Facilis' is not an infrequent epithet of
 the nymphs, denoting their accessibility.
 So 'faciles Amadryades' Prop. II (III)
 xxxiv 76, 'Naiades faciles' Nemes. Cyn.
 94.

The 'Napaeae,' *ναπαῖαι*, are distin-
 guished from the Dryades, whom they
 seem to have generally resembled, by Col.
 x 264 and Nemes. E. II 20.

namque dabunt veniam votis, irasque remittent.
 sed modus orandi qui sit, prius ordine dicam.
 quattuor eximios praestanti corpore tauros,
 qui tibi nunc viridis depascunt summa Lycae,
 delige, et intacta totidem cervice iuencas. 540
 quattuor his aras alta ad delubra dearum
 constitue, et sacrum iugulis demitte cruorem,
 corporaque ipsa boum frondoso desere luco.
 post, ubi nona suos Aurora ostenderit ortus,
 inferias Orphei Lethaea papavera mittes 545
 et nigram mactabis ovem lucumque revises ;

536. 'Votis,' connected with 'dabunt,' as if he had said 'precanti.'

537. ['Qui : ' see E. I 18 note.]

'Ordine' expresses ritual exactness of detail.

538. Four bullocks are sacrificed when Aeneas goes down to the shades, A. VI 243.

'Eximius' is said by Festus (s. v.) and Macrob. (Sat. III 5) to be primarily used, as here, of cattle selected for sacrifice. Donatus (on Ter. Hec. I i 9) adds that its proper application there is to pigs, 'egregius' being the word for oxen under similar circumstances, 'lectus' for sheep. Rom. has 'eximio praestantis.'

539. Comp. the invocation of Aristaeus, I 14. The locality here agrees with his title 'Arcadius magister,' v. 283, but scarcely with the topography of the present story, v. 317.

540. 'Intacta cervice,' never yoked. So 'grege de intacto,' A. VI 38. Comp. G. III 162 foll., where the separation of cattle according to their destination is dwelt on. Thus 'intacta cervice' is equivalent to 'eximios.'

'Intacta' [Macrob. and Servius, with Med. and the Vat. and St. Gall fragments. The Berne scholia, Rom., Ver. and Gud. have 'intactas.']

542. Elsewhere 'constituo' is used of setting the victims before the altar, A. V 237, VI 244. So 'statuere aram' VIII 271, 'statuere iuencum' IX 627.

'Iugulis demitte cruorem : ' Germ. well comp. Eur. Heracl. 821 (of the sacrificers), ἀφίσαν λαμῶν βορρῶν εὐθὺς ὄβριον φόνον, which Virg. may possibly have had in mind.

['Dimitte' Med.—H. N.]

543. 'Corpora ipsa,' as distinct from their blood, and perhaps from their throats. There may be some point in 'frondoso,' as answering to the closing up of the chamber recommended v. 303, but the discrepancy pointed out on v. 302 warns us against looking too minutely for signs of analogy.

544. Heyne suggests that Virg. refers to the Novemdiale, a sacrifice performed nine days after a funeral (A. V 64). At the same time, of course, he wishes to give time for the production of the swarm, though not so long as was considered necessary in actual practice (see on v. 303).

545. 'Inferias,' as funeral offerings. 'Viventis rapit, inferias quos immolet umbris,' A. X 519.

'Orphei,' Greek dative. (Rom. has 'Orptheo.')

'Lethaea papavera : ' [as G. I 78, A. IV 486 'spargens umida mella soporiferumque papaver.' The epithet comes from the narcotic poppy head, but is merely ornamental in Virgil, who never mentions the poppy as a narcotic. In A. IV 486 he refers to the sweet and nutritive poppy seeds, which, mixed with honey, form a dainty (see Henry, Aeneidea II p. 762). The point of the offering here is not clear.]

'Mittes : ' Cerda comp. Lucr. III 52, 'nigras mactant pecudes et manibu' divis Inferias mittunt.' The future is imperative, as E. X 31, etc.

546. 'Nigram ovem : ' Aeneas (A. VI 249 foll.) sacrifices a black lamb to Night and Earth, [and black victims were generally selected for sacrifices to the Manes. Thus the blood of a black sheep was one of the offerings at the Parentalia.]

placatam Eurydicen vitula venerabere caesa.'

Haud mora ; continuo matris praecepta facessit ;

ad delubra venit, monstratas excitat aras,

quattuor eximios praestanti corpore tauros 550

ducit, et intacta totidem cervice iuvenca.

post, ubi nona suos Aurora induxerat ortus,

inferias Orphei mittit, lucumque revisit.

hic vero subitum ac dictu mirabile monstrum

aspiciunt, liquefacta boum per viscera toto 555

stridere apes utero et ruptis effervere costis, <

immensasque trahi nubes, iamque arbore summa

547. This line contains an intimation from Cyrene that her son will find his bees restored, and that then he is to offer a calf as a thank-offering to Eurydice : 'you will go back to the grove . . . and then, finding E. appeased, you will honour her' etc. The sacrifice of the bulls and the offerings to Orpheus have appeased E., being really offered to her as well. Possibly there may be something delicate in the discrimination of the propitiatory offerings required by the husband from the thank-offering which contents the wife ; but it may be no more than one of those poetical varieties of which Virg. is fond. The line has been commonly understood as merely an additional injunction, but with this sense there is much awkwardness in its position after 'lucumque revisit.' [Ribbeck Prol. p. 47 agrees with Con. : 'id ipsum agitur ut inferiis placatur Eurydice, et placatam esse in luco ex prodigio comperit Aristaeus : placatae autem gratias agere iubetur caesa vitula.' Bentley, among others, placed v. 547 before 546.]

548-558. 'He follows his mother's directions, and on returning to the grove, finds the carcasses of the oxen alive with bees, which swarm on a tree.'

548. For 'facessit' Med. and Gud. have 'capessit.' 'Iussa capessere' occurs A. I 77, but 'to despatch' is here more appropriate than 'to undertake,' as the stronger word.

549. 'Monstratas aras,' like 'monstrata piacula,' A. IV 636.

'Excitat,' builds, Cic. Legg. II 27, 'nec e lapide excitare plus' (of a tomb) etc. In A. VIII 543 'aras Excitat' is used of kindling.

550, 551. Rom. corr. and originally

Gud. have 'eximio praestantis ;' 'eximio' is also the reading of Med. In 551 Rom. and originally Gud. have 'intactas.' Med. originally had 'intacto.'

551. 'Ducit,' leads to the altar. 'Duc nigras pecudes,' A. VI 153, etc.

The repetition is of course an imitation of the Homeric narrative. Heyne, referring to Bentley on Milton, Par. L. X 1086, and Upton on Spenser's Faery Queen, pp. 643, 644, finds a reason for these repetitions in the poet's wish not to alter gratuitously or tastelessly what had once been said well ; but in an old epic writer there is no need to look for anything deeper than that simplicity which, addressing a simple audience, thinks more of explicit information than of ornamental variety, and is only occasionally visited with unwillingness *αὐτὶς ἀρξάλας εἰρημίνα μυθολογέειν*.

552. 'Induxerat,' had ushered into the sky. 'Iam nox inducere terris Umbras . . . parabat,' Hor. S. I v 9.

553. Rom. has 'Orptheo,' as in v. 545.

554. 'Monstrum,' a prodigy, very frequent in the Aeneid, A. II 680, etc.

This passage and vv. 308 foll. above illustrate each other. Here the bodies of the oxen are not bruised, but the flesh becomes deliquescent, and the sides give way, when the bees, which are supposed to form in the stomach, force their way through.

556. Lucr. II 928, 'vermisque effervere, terram Intempestivos cum putor cepit ob imbris.' 'Costae' and 'viscera' are connected, as A. I 211, 'Tergora deripiunt costis et viscera nudant.'

557. The swarming of the bees is described much as in vv. 58 foll. Comp. also A. VII 64 foll.

confluere et lentis uvam demittere ramis.

Haec super arborum cultu pecorumque canebarum
et super arboribus, Caesar dum magnus ad altum 560
fulminat Euphraten bello, victorque volentis
per populos dat iura, viamque adfectat Olympo.
illo Vergilium me tempore dulcis alebat

'Arbore' is local; 'confluere' is used as if 'in arborem' had preceded.

558. 'Uvam demittere' is doubtless suggested by *βορπυδὸν δὲ πείονται*, II. II 89.

559-566. 'So ends my rural poem, written while Caesar is winning glories in the East, in my retreat at Naples, by me, poet of the Eclogues.'

These lines, though found in all MSS. [and known to Servius, the Berne scholia, etc.], have been condemned by some critics as the production of a grammarian, like the four lines prefixed to the Aeneid in some late MSS. Such summaries were frequently produced as exercises by later writers, while they are uncommon in the undoubted works of poets themselves. But the unanimity of the MSS. [and other authorities] is an argument not easy to rebut, while the lines may be vindicated on their own ground as completing a poem which would otherwise wear an unfinished air, and as containing nothing unworthy of Virg. The poet had begun with Caesar; he now ends with him, contriving at the same time to institute a kind of parallel between the laurels which the master of the world has been winning in Asia and the more peaceful triumphs which the Muse has been achieving at Naples. He may have taken the hint of an autobiographical conclusion from some Alexandrine writer, for the two extant works of Nicander both end with a couplet in which the writer recommends himself by name to the reader's notice. The conclusion of Ovid's *Metamorphoses* furnishes indirect evidence to the genuineness of the lines, as, if not actually modelled on them, it shows at any rate that the spirit of self-assertion which breathes in both was not foreign to the Roman poetry of that period. Other critics, of whom Heyne is one, have been satisfied with rejecting the four last lines, a view less consistent than the other, and equally unsupported.

559. 'Haec canebarum': a formula like

that at the end of a letter, 'Haec tibi dictabam post fanum putre Vacunae,' Hor. Ep. I x 49. Wagn. comp. E. x 70, 'Haec sat erit, divae, vestrum cecinisse poetam,' which he regards as the finale of the whole book of Eclogues.

'Super cultu,' like 'super Priamo rogitans,' A. I 750. 'Scribere super re' is used by Cic. Att. xvi 6.

['Cultus' the St. Gall fragm.—H. N.]

560-562. The period referred to in these lines is that of Octavian's progress in the East after Actium. The meaning is evidently that the poem was finished while these Eastern operations were taking place. See p. 164.

561. 'Fulminat,' like 'fulminat Aeneas armis' A. XII 654; the Scipios are called 'fulmina belli' Lucr. III 1034, A. VI 842.

'Bello' is abl. instrum. as 'armis' in A. XII 654.

['Bello' and 'Euphraten' are both used loosely, like 'extremis Asiae oris' II 171. For the actual details see Merivale (ed. I) III 358, Mommsen R. G. v 370-2.]

562. 'Iura' [gives judgment, i.e. rules: comp. Bell. Alexandr. 78, 'iura in tetrarchas reges civitates distribuit,' referring also to Octavian in 29. So A. I 293, 'iura dabunt,' shall rule the world, v 758, VIII 246, VIII 670, Hor. Od. III III 44, etc.—H. N. For a different sense of 'iura' see II 501.]

'Adfectare viam,' so Ter. Ad. v viii 71 'hi gladiatorio animo ad me adfectant viam,' [twice in Plautus, twice in Terence. Cic. Rosc. Am. 48, etc., to move towards.] Caesar is described as making his way to actual immortality (I 503), not as a god on earth (I 42).

'Olympo' dative, like 'it clamor caelo' A. v 451, G. II 306, etc.

563. The contrast between Caesar and the poet, hinted in the previous lines, is here drawn out, not only occupations being compared, but places, and even names. The spelling 'Vergilium' is found in the best MSS., the St. Gall palimpsest, *Med.*

Parthenope, studiis florentem ignobilis oti,
 carmina qui lusi pastorum, audaxque iuventa, 565
 Tityre, te patulae cecini sub tegmine fagi.

and Rom., [and is attested by inscriptions.—H. N. See p. xviii note.]

564. 'Parthenope, the other old name of Naples (Neapolis), from the grave of one of the Sirens of that name. 'Sirenum dedit una suum memorabile nomen Parthenope muris Acheloias,' Sil. XII 33, quoted by Emm.

'Oti,' peace, E. I 6. 'Studiis oti' then is opposed to 'studiis belli,' A. I 14, the genitive here, if not there, being possessive.

'Florentem': Cic. Ep. IV 13, 'studia . . . quibus a pueritia florui.' The expression there seems to imply something of a compliment; here it probably only denotes abundance.

'Ignobilis' opposed to active life and fame. 'Solus ubi in silvis Italis ignobilis

aevum Exigeret,' A. VII 776. Comp. 'inglorius,' above, II 486.

565. 'Carmina pastorum' is not 'carmina pastoralia,' but refers to the actual songs of shepherds in the *Bucolics*.

'Lusi' E. I 10.

'Audax iuventa': he is thinking of bucolic poetry, not as compared with other kinds of poetry, but with reference to its own standard, with some such feelings as those embodied E. IX 32 foll. Heyne comp. 'audacibus adnue coeptis,' above, I 40. [The Berne scholia read 'auxique iuventa,' mentioning 'audax' as a variant.—H. N.]

566. E. I 1, which shows that 'sub tegmine fagi' here refers to Tityrus. Rom. has 'cecini patulae.'

ON
THE LATER DIDACTIC POETS OF ROME.

HAVING spoken of the Latin Pastoral writers who came after Virgil, I may be expected to say something of his successors in Didactic Poetry. It is true that the two cases are not parallel: in the former not only the kind of poetry, but the subject, was the same as Virgil's own: in the latter the similarity merely affects the form, and does not extend to the matter. Like Virgil, Calpurnius and Nemesianus sang of the contests, loves, laments of shepherds: unlike Virgil, Manilius and Grattius, Nemesianus and Serenus Sammonicus sing of astronomy and astrology, of the chase, and of the cure of diseases. Here, however, as in the Introductory Essay to the Georgics, I address those who, like myself, are students of Roman poetry, not students of Roman agriculture, so that I need no apology for devoting a short time to the examination of writers whose works resemble the Georgics, as the Georgics themselves resemble not the treatises of Cato and Varro, but the poems of Lucretius. These writers of course will be themselves considered simply with reference to their form: to discuss their matter is beyond my purpose.

The most considerable Latin Didactic poem subsequent to the Georgics is unquestionably the *Astronomica* of Manilius. It is divided into five books, consisting respectively of 926, 970, 682, 935, and 745 lines, so that its length is nearly double that of Virgil's work. No allusion to it occurs in any ancient writers: it is not even quoted by a single grammarian: indeed, there is no trace of its existence till the eleventh century, which also happens to be the probable date of its earliest MS.; while, on the other hand, its own internal evidence, as estimated by the most competent critics, would seem to refer it to the reign of Tiberius.¹ The work is apparently written with that average command of the hexameter which, after the example set by Virgil,

¹ [The '*Astronomica*' appears to have been written at the end of Augustus' reign, or under Tiberius: the name of the author is uncertain, as '*Manilius*' seems to lack authority. See Teuffel, 253.]

became almost a matter of course for a Roman poet, and the language has much of that elaboration and point which after the Augustan age was exacted as a necessity, while it ceased to be a merit : but there is no genuine energy or felicity of diction : the expressions are frequently forced, and the thoughts, where not obvious, degenerate into conceits. I propose to justify this character of a poem which numbers the younger Scaliger and Bentley among its editors, and Creech, not the worst versifier of Dryden's contemporaries, among its translators, by a few extracts from the more professedly poetical passages, and afterwards to give some notion of the general treatment by an analysis of the First Book.

Each of the five books is introduced by a long exordium, in which the author was evidently anxious to display his powers as a poet. The first book has an introduction of 117 lines, the second of at least 59, the third of 42, the fourth of 121, the fifth of 29 : and similar halting-places are furnished by the conclusions of the first and third books. In the opening of the second book Manilius elaborates the same thought which is enforced by Virgil at the beginning of the Third Georgic, the difficulty of finding a subject which had not been exhausted by previous treatment : but it is easy to see how far the rhetorician is removed from the poet. After speaking of Homer in lines of which the text is too uncertain to make them worth quoting, he comes to Hesiod.

‘ Proximus illi

Hesiodus memorat divos divomque parentis
et Chaos enixum terras, orbemque sub illo
infantem, et primos titubantia sidera partus,
Titanesque senes, Iovis et cunabula magni,
et sub fratre viri nomen, sine fratre parentis,
atque iterum patrio nascentem corpore Bacchum,
omniaque immenso volitantia lumina mundo.
quin etiam ruris cultus legesque notavit
militiamque soli, quod colles Bacchus amaret,
quod fecunda Ceres campos, quod Pallas utrumque,
atque arbusta vagis essent quod adultera pomis,
silvarumque deos, sacrataque munia nymphis,
paciis opus, magnos naturae condit in usus.’

The first remark which occurs to the mind is on the needless frigidity of this enumeration of Hesiod's works and their various subjects, when a line or two, mentioning the poet and indicating the character of his poetry, would have been quite sufficient : the second is on the equally gratuitous conceits with which the details are embellished, as in the lines about the creation, about Jupiter, and about Bacchus.

In entering upon the third book he tells us that he is undertaking a

new and difficult part of his subject, and prepares himself for the extraordinary effort by proclaiming what he is *not* going to sing.

'Non ego in excidium caeli nascentia bella
fulminis et flammas, partus in matre sepultos ;
non coniuratos reges, Troiaque cadente
Hectora venalem cineri, Priamumque ferentem :
Colchida nec referam vendentem regna parentis,
et lacerum fratrem stupro, segetesque virorum,
taurorumque truces flammas, vigilemque draconem,
et reduces annos, auroque incendia facta,
et male conceptos partus peiusque necatos :
non annosa canam Messanae bella nocentis,
septenosque duces, ereptaque fulmine flammis
moenia Thebarum, et victam quia vicerat urbem,
germanosque patris referam matrisque nepotes,
natorumque epulas, conversaque sidera retro
ereptumque diem : nec Persico bella profundo
indicta, et magna pontum sub classe latentem,
immissumque fretum terris, iter aequoris undis :
non regis magni spatio maiore canenda,
quam sint acta, loquar : Romanae gentis origo,
totque duces, orbis tot bella atque otia, et omnis
in populi unius leges ut cesserit orbis,
differtur.'

Yet, if these lines are frigid in their conception and affectedly obscure in their expression, we need not refuse the praise of ingenuity to those which immediately follow, in which he contrasts the ease of writing on such hackneyed themes with the mechanical difficulties of his own subject.

'Facile est ventis dare vela secundis,
secundumque solum varias agitare per artis,
auroque atque ebori decus addere, cum rudis ipsa
materies niteat. speciosis condere rebus
carmina, volgatam est opus et componere simplex.
at mihi per numeros ignotaque nomina rerum,
temporaque et varios casus, momentaque mundi,
signorumque vices, partisque in partibus ipsis
luctandum est, quae nosse nimis, quid ? dicere, quantum est ?
carmine, quid, proprio ? pedibus, quid, iungere certis ?'

The fourth book commences with some reflections on the problem of human life, which he solves by the doctrine of fate.

'Quid tam sollicitis vitam consumimus annis,
torquemurque metu caecaque cupidine rerum,
aeternisque senes curis, dum quaerimus aevum,
perdimus, et nullo votorum fine beati

victuros agimus semper, nec vivimus unquam ?
 pauperiorque bonis quisque est, quo plura requirit,
 nec quod habet numerat, tantum quod non habet optat ;
 cumque sui parvos usus natura repositat,
 materiam struimus magnae per vota ruinae,
 luxuriamque lucris emimus, luxuque rapinas,
 et summum census pretium est, effundere censum.
 solvite, mortales, animos, curasque levate,
 totque supervacuis vitam deslere querellis.
 fata regunt orbem, certa stant omnia lege,
 longaque per certos signantur tempora casus.'

Not content with enunciating his discovery, he proceeds to apply it, tediously enough, to the various events in mythical and historical times. Without fate, he asks, could the fire have fled from Aeneas? could Troy have been victorious at the very crisis of its destiny? would the wolf have reared the two brothers? would Rome have been developed out of a few cottages? could shepherds have made the Capitol the seat of the lightnings, and enclosed Jupiter in his own fortress? Mucius, Horatius, Cloelia, the fate of the Curiatii, the battles of Cannae and Trasimene, the fall of Carthage, the escape of Hannibal by death, the social and civil wars, Marius lying a ruin among ruins, and rising from the precincts of Carthage to conquer a world, Pompey burnt on the shore of Nile, and Caesar bleeding in the senate, all show that there must be Fate in the world.

'Hoc nisi fata darent, nunquam fortuna tulisset.'

A specimen of his narrative power occurs in the fifth book, where, having to speak of the constellation of Andromeda, he tells the tale of her deliverance by Perseus in a style which, as Bernhardt aptly remarks,¹ reminds us of the show-pieces of Seneca the tragedian. These are Perseus' feelings when he first sees the beautiful prisoner.

'Isque ubi pendentem vidit de rupe puellam,
 deriguit facie, quem non stupefecerat hostis,
 vixque manu spoliū tenuit, victorque Medusae
 victus in Andromeda est. iam cautibus invidet ipsis,
 felicisque vocat teneant quae membra catenas.
 et postquam poenae causam cognovit ab ipsa,
 destinat in thalamos per bellum vadere ponti,
 altera si Gorgo veniat, non territus ire.'

But I must redeem my promise of analyzing an entire portion of the poem, the first book.

Manilius proposes his subject, characterizing it very briefly as

¹ Grundriss der römischen Litteratur, p. 454 (2nd edition).

'divinas artis et conscia fati Sidera, diversos hominum variantia casus,' and recommending it as a new strain, which is to shake the woods of Helicon. With equal brevity, Caesar, the worthy heir of a world which the gods gave to his father, is acknowledged as the poet's inspiring deity. When the universe is at peace, the secrets of the universe may be most fitly unfolded. The poet kindles fire on two altars, and feels a twofold heat, the heat of song and the heat of his subject, which is no less than the world itself. Who first revealed such divine secrets to men? Who but the gods? It was Mercury who first disclosed the wondrous movements of the stars: Nature assisted in the work of making herself known, and taught Egyptian and Assyrian kings to scrutinize that heaven which their power so nearly reached. The next step was made by the priests, who, long familiar with divine things, were allowed to perceive the influence of the stars on human life. Knowledge was reduced to a system: occult laws were discovered, and the universe was seen to be regulated by eternal reason. Till then all was uncertainty: men wept to find stars vanish, and were rejoiced at their reappearance. Those were, indeed, days of darkness, when earth was untilled, mines unworked, the sea unnavigated, and every one thought his stock of knowledge enough. Time, penury, and experience worked the cure, and taught language, agriculture, commerce, and the arts of war and peace; nay (to pass from more hackneyed topics), taught divination, magic, and necromancy, and did not stop till they had mounted up to heaven and studied nature's operations, the causes of thunder, conflagrations, earthquakes, rain and wind, and the reason why winter snow is softer than summer hail; till the fiery bolt had been wrested from Jove and transferred to the clouds. Hence came the knowledge of the stars, the poet's present subject, which he hopes to be permitted to pursue through the gentle decline of a long life.

First he undertakes to describe the appearance of the universe, glancing, as he passes, at the various theories of its origin, chaotic or atomic, Vulcanian or Neptunian, a problem which he seems to think beyond divine no less than human comprehension. The upper part of the mundane system is fire, next comes air, which serves as it were to fan the flame: thirdly water, which in like manner feeds the air by its exhalations: lastly earth, which occupies at once the lowest place and the centre, the other elements falling off from it in equal proportions on all sides. This balance of the earth preserves the regular succession of day and night, the sun having space in which to circle round it. The entire universe in fact is similarly balanced in the void, so that the earth is only following a higher example. The earth is not a plain but a globe: so are the stars, and the sun and moon, the form being caused

by the motion of the universe, a perfect and symmetrical form without beginning or end, resembling that of the gods. Hence it is that all the stars are not visible from all parts of the earth. Being spherical, the earth has two poles, north and south. These are visited alternately by the sun, so that it is day with one part of mankind while it is night with another. And this fourfold universe is governed by one divine intelligence.

Proceeding to details, he speaks of the zodiacal signs in their order, contenting himself with enumerating and briefly discriminating them. Then follows a long muster-roll of the northern constellations, extending over nearly a hundred lines. Seventy lines carry us through a similar review of the southern hemisphere: and a much briefer paragraph speaks of certain signs which, though completely invisible, are concluded to exist from analogy. Such is the host of heaven, a mere mixed multitude to look at, yet governed by unerring laws. 'Quid tam confusum specie, quid tam vice certum est?' This regularity is, in fact, the surest witness to the existence of a supreme intelligence. When Troy was taken by the Greeks, Arctos and Orion were opposed to each other as they are now. Ages have rolled on, retribution has come upon Greece, yet the face of heaven is the same, unchanging, and therefore divine. Forty lines are given to the Arctic and Antarctic circles, the Tropics, and the Equator: thirty to the Colures: thirty more to the Meridian and the Horizon. The Zodiac and Galaxy follow, the latter suggesting a number of inquiries, mythological and philosophical, culminating in a theory that it is inhabited by the souls of the heroes, the chief of whom are enumerated at a somewhat tedious length. The planets are despatched in four lines: the comets receive a longer commemoration, which closes with a passage evidently modelled on the conclusion of the First Georgic, about their effects on mankind and on the empires of the world. Comets, we are told, portend plagues, like that of Athens, when medicine gave way, funeral fires failed, and a great nation perished, scarcely leaving an heir behind it; disasters, as when Germany turned on Varus and shed the blood of three Roman legions; civil wars, like the battle of Philippi, waged on ground yet heaving with newly-buried corpses. A brief prayer to the gods that these struggles may be the last that Rome is destined to undergo terminates the book.¹

¹ In taking leave of Manilius, I will venture to suggest an emendation of his text. The passage is in Book I, v. 245, 'Nos in nocte sumus, somnosque in membra locamus.' Scaliger reads 'somno sic,' Stöber 'somno qui.' I should prefer 'vocamus.' The words are confused Lucr. v 12, where 'vocavit' of the MSS. has been corrected by the editors into 'locavit.'

Of the *Cynegetica* of Grattius a much shorter notice will suffice. The sole notice of the author or his work to be found among ancient writers is comprised in a pentameter of Ovid (*Ex Ponto* iv xvi 34), occurring at the end of a list of contemporary poets; a fact which may reconcile the silence of antiquity about Manilius with the intrinsic probability that the *Astronomica* belong to the Augustan age. All that we know of the history of the poet is confined to his name.¹ The extant evidence for the text of the *Cynegetica* is two MSS., one very imperfect, the other less so, but parts as evidently corrupt. A corrupt or imperfect text, however, will not account for the harshnesses and obscurities with which the poem is disfigured. These must in the main be imputed to the writer, who, having none but common thoughts to express, is nevertheless not content to express them in common language.

The poem consists of a single book of 540 lines. Its opening is not unpromising. The subject is proposed modestly enough, 'the gift of heaven, the arts that bring the huntsman success,' and Diana is invoked as the natural patroness of the subject, the goddess who, with the other silvan powers, came to the help of primeval man in his unequal struggle with the brutes, and taught him to remedy by art the defects of his natural condition. The poet then proceeds at once to describe the construction of a net, and to speak of the best localities for getting the materials. Then follows a digression which reads like a piece of the exordium violently separated from its context, about the calamitous fate of the old mythological race who ventured unassisted to combat with wild beasts. Returning to details, he speaks of the plumage required for the *formido*, of nooses and springes, and takes occasion to extol one Dercylos the Arcadian, a name unknown to mythographers, as having earned by his piety the honour of being the inventor not only of the springe, but of the hunting-spear. After a discussion about the best shafts for hunting-spears, he launches into a bolder strain, and enlarges for 350 lines on the various breeds of dogs, especially the metagon, a cross between the Spartan and Cretan, introduced by Hagnon, another unknown worthy, on the care which the metagon requires when young, and on the diseases and injuries incident to dogs, and their remedies, ending with a description of a solemn ceremonial in Sicily, where dis-

¹ In v. 40, 'At contra nostris inbellia lina Faliscis,' 'nostris' may be meant to contrast by anticipation with Spain and Egypt, mentioned in the following lines, in which case it need only mean 'Italian:' but it seems at least as likely that it is intended to discriminate Falerii from Cumae and Etruria, which have just been spoken of. [The spelling of the name, 'Grattius,' not 'Gratius,' is testified to by the MSS. of the poem, and by various inscriptions in which 'Grattii' are mentioned. The poem has been edited by Haupt (Leipzig, 1838), and by Bährens in his *Poet. Lat. Min.* vol. i.]

eased animals and their keepers are anointed with oil from a natural spring in a cavern sacred to Vulcan, and a companion picture of a yearly lustration of hounds and hunting implements in the grove of the Arician Diana. The remainder of the poem, only 40 lines, is occupied with an enumeration of the best breeds of horses, the preference being apparently given to the Italian,¹ in a passage which in its completed form may have been intended, as Wernsdorf thinks, as the actual conclusion of the work, though both symmetry of composition and the claims of the subject might certainly have pleaded for a more extended treatment.

The following passage, on the early training of the metagon, will, I think, give a fair notion of Grattius, both in his strength and in his weakness. The early part contains nice observation, pleasingly expressed, though the language sometimes fails in perspicuity; the latter shows how easily he can fall into tasteless common-place.

‘Tum deinde monebo,
ne matrem indocilis natorum turba fatiget,
pencensere notis, iamque inde excernere parvos.
signa dabunt ipsi. teneris vix artubus haeret
ille tuos olim non defecturus honores :
iamque illum impatiens aequae vementia sortis
extulit : adfectat materna regna sub alvo,
ubera tota tenet, a tergo liber aperto,²
dum tepida indulget terris clementia mundi.
verum ubi Caurino perstrinxit frigore vesper,
ira iacet, turbaque potens operitur inertis.
illius et manibus viris sit cura futuras
perpensare : levis deducet pondere fratres.
nec me pignoribus,³ nec te mea carmina fallent.
protinus et cultus alios et debita fetae
blandimenta feres, curaque sequere merentem :
illa perinde suos ut erit delacta minores,⁴

¹ The sense however of the lines in which the Italian breed is mentioned, the last three of the poem, is very doubtful, as several words have been obliterated.

² Burmann conjectures ‘Ubera tota tenens, ac tergo liber aperto.’ Gronovius changes ‘a’ (which seems to be merely a correction of the MS. reading ‘ea’) into ‘stat;’ he is followed by Haupt. The sense is that this promising whelp monopolizes his mother’s teat, and will not let any of his brothers get on his back, except in cold weather, when he is more tolerant.

³ If the text is right, ‘pignoribus’ must have the sense of ‘indiciis.’ ‘You will not find the tokens mentioned in my poem delusive, any more than I do.’ But Burmann is probably right in reading ‘Haec de pignoribus (nec te mea carmina fallent) : Protinus,’ etc., the young ‘pignora’ being distinguished from the mother.

⁴ For these words, which of course give no sense, Johnson, an English editor of Grattius and Nemesianus (London, 1699), ingeniously suggests ‘suo nutrit,’ or ‘saturat,’ ‘de lacte minores.’ Lachmann, whom Haupt follows, changes ‘delacta’ into ‘devincta,’ the MS. reading in the next line being not ‘ac’ but ‘ad.’

ac longam praestabit opem. tum denique, fetae
 cum desunt operi, fregitque industria matres,
 transeat in catulos omnis tutela relictos.
 lacte novam pubem facilique tuebere maza,
 nec luxus alios avidaeque impendia vitae
 noscant : haec magno reedit indulgentia damno :
 nec mirum : humanos non est ¹ magis altera sensus :
 tollit se ratio, et vitiis adeuntibus obstat.
 haec illa est, Pharios quae fregit noxia reges,
 dum servata cavis potant Mareotica gemmis,
 nardiferumque metunt Gangem, vitiisque ministrant.
 sic et Achaemenio cecidisti, Lydia, Cyro :
 atqui dives eras, fluvialibus aurea venis.
 scilicet, ad summam ne quid restaret habendum,
 tu quoque, luxuriae fictas dum colligis artis,
 et sequeris demens alienam, Graecia, culpam,
 o quantum et quotiens decoris frustrata paterni !
 at qualis nostris, quam simplex mensa, Camillis !
 qui tibi cultus erat post tot, Serrane, triumphos !
 ergo illi ex habitu virtutisque indole priscae
 imposuere orbi Romam caput, actaque ab illis
 ad caelum virtus summosque tetendit honores.
 scilicet exiguis magna sub imagine rebus
 prospicies, quae sit ratio et quo fine regenda.'

The *Cynegetica* of Nemesianus² may be conveniently treated in connexion with Grattius' poem, though the interval of time between their respective dates is considerable. The younger poet must, I think, be allowed to rank higher than the elder in command of poetical imagery and poetical language: his work however is still more fragmentary, being evidently only a part of what was originally intended, though there are not the same marks of actual imperfection, and the number of suspected readings seems to be smaller in proportion. The thousand ways of hunting, the exhilarating toil, and the rapid evolutions of peaceful rural strife, are Nemesianus' subject; a wholly new and untried one, as he tells us, in apparent ignorance of the labours of his predecessor. This boasted novelty he proceeds to enforce in the rhetorical spirit of the passages which I quoted from Manilius, enumerating at great length by way of contrast the various subjects which other poets have treated to exhaustion. He then states his own intentions more at large, and promises, like Virgil, at no distant day to sing of the exploits of his

¹ 'Est' is generally understood i. q. 'edit.' In the next line Barth conjectures 'Tollat . . . obstet,' reason being called upon to rise and put down luxury. Wernsdorf, after Johnson, changes 'obstat' into 'abstat,' supposing the sense to be that when vice enters, reason retires. Lachmann reads 'humanos non res magis altera sensus Tollit: sed ratio vitiis adeuntibus obstat,' which Haupt adopts.

² For Nemesianus see p. 132.

imperial patrons, the two sons of Carus. Diana is then invoked, and invited to accoutre herself for the chase, with painted quiver, golden arrows, purple buskins, gold-embroidered scarf, jewelled belt, and wreath for the hair; a somewhat unseasonable inventory, imitated perhaps from the wardrobe of a Homeric goddess, but as frigid in an invocation as it is appropriate in an antique epic narrative. After this introduction of 100 lines we come to the poem itself, which takes up only 220 more. Nearly 140 of these are given to dogs, the chief stress being laid on the subject of training. I will quote a few, which go over part of the ground traversed in the passage cited from Grattius.

‘Fecundos aperit partus matura gravado
 continuo, largaque vides strepere omnia prole :
 sed, quamvis avidus, primos contemnere partus
 malueris, mox non omnis nutrire minores.
 nam tibi si placitum populosos pascere fetus,
 iam macie tenuis sucique videbis inanis
 pugnantisque diu, quisnam prior ubera lambat,
 distrahere invalidam lassato viscere matrem.
 sin vero haec cura est, melior ne forte necetur
 abdaturve domo, catulosque probare voluntas
 quis nondum gressus stabiles, neque lumina passa
 Luciferum videre iubar, quae prodidit usus
 percipe, et intrepidus spectatis adnue dictis.
 pondere nam catuli poteris pendere vires,
 corporibusque levis gravibus praenosceres cursu.
 quin et flammato ducatur linea longe
 circuito, signetque habilem vapor igneus orbem :
 impune in medio possis consistere circo.
 huc omnes catuli, huc indiscreta feratur
 turba : dabit mater partus examine honestos,
 iudicio natos servans trepidoque periclo.
 nam postquam conclusa videt sua germina flammis,
 continuo saltu transcendens fervida zonae
 vincla, rapit rictu primum portatque cubili,
 mox alium, mox deinde alium : sic conscia mater
 segregat egregiam subolem virtutis amore.’

The rest of the poem is occupied partly with horses, the points of a good horse and the training which he requires being described in the manner, though not quite with the felicity, of the Third Georgic, partly with hunting implements; after which we are dismissed to the chase rather abruptly:

‘His ita dispositis hiemis sub tempus aquosae
 incipe velocis catulos inmittere pratis,
 incipe cornipedes latos agitare per agros :
 venemur, dum mane novum, dum mollia prata
 nocturnis calcata feris vestigia servant.’

Two fragments of a poem on Fowling (*Ixeutica* or *De Aucupio*) were printed in a Dialogue on Birds (Cologne, 1544) by Gibertus Longolius, who asserted that they had been transcribed for him from a copy of a work by Nemesianus existing in a library at Bologna. Wernsdorf, in opposition to Ulitius, thinks them not unworthy of their reputed author: but in any case they need not detain us further. [They are probably modern work.]

The elder Pliny, in two passages of his *Natural History*,¹ speaks of a poem by Ovid, entitled *Halieutica*. A fragment on that subject with Ovid's name attached to it is found in a MS. containing part of Grattius' *Cynegetica*, and has been frequently printed in editions of Grattius and Nemesianus, or as part of Ovid's works. It would perhaps be too much to assign it to such illustrious parentage, though Haupt thinks otherwise:² but it would not disgrace either of the two poets whom we have just been considering. Take a specimen.

'At contra scopulis crinali corpore segnis
 polypus haeret, et hac eludit retia fraude,
 et sub lege loci sumit mutatque colorem,
 semper ei similis quem contigit: atque ubi praedam
 pendentem saetis avidus rapit, hic quoque fallit
 elato calamo, cum demum emersus in auras
 bracchia dissolvit, populatumque expuit hamum.
 at mugil cauda pendentem everberat escam
 excussamque legit. lupus acri concitus ira
 discursu fertur vario, fluctusque ferentis
 prosequitur, quassatque caput, dum volnere saevus
 laxato cadat hamus, et ora patentia linquat.'

Another fragment with the same argument was published by Hieronymus Columna in his Commentary on the Fragments of Ennius, having been transcribed from an old MS. by Sertorius Quadrimanus. More ambitious than the former, to which however it is indebted for several lines, it professes in its exordium to be the work of Ovid, who speaks of himself as led to his subject by the scenes of his exile: but though the lines in which the profession is made are not without ability, those who should credit it would be compelled to suppose that Ovid's removal from Rome had made him forget the quantity of the first syllable of 'dirigo,' as he ventures to address Glaucus—

'Quare si veteris durant vestigia moris,
 si precibus hominum flectuntur numina ponti,
 huc adsis, dirigasque pedes, umerosque natantis.'

The date of Q. Serenus Sammonicus is at any rate earlier than that

¹ Book XXXII, chaps. ii and xi.

² [Most modern scholars agree with Haupt: see Teuffel, 250-4.]

of Nemesianus, though it has been questioned whether he is to be identified with a person of that name, 'cuius libri,' says Spartianus, 'plurimi ad doctrinam exstant,' who was put to death by Caracalla, or with his son, the preceptor of the younger Gordian, and the valued friend of Alexander Severus.¹ His work, however, *De Medicina Præcepta*, in 1115 hexameters, is not properly a didactic poem at all, but merely a medical treatise in metre. Those who are fond of classical parallels may compare it with Catius' lecture to Horace: but to others it will seem a product of the second childhood of literature, when subjects, which, since prose composition existed, have always been treated in prose, are set to tune again by the perverse ingenuity of grammarians. The only part which appears to have any poetical pretension is the opening.

'Membrorum series certo deducta tenore
 ut stet, nam similis medicinae defuit ordo,
 principio celsa de corporis arce loquamur.
 Phoebe, salutiferum, quod pangimus, adsere carmen,
 inventumque tuum prompto comitare favore.
 tuque potens artis, reducem qui tradere vitam
 nosti, seu caelo manis revocare sepultos,
 qui colis Aegæas, qui Pergama, quique Epidaurum,
 qui quondam placidi tectus sub pelle draconis
 Tarpeias arcis atque incluta templa petisti
 depellens taetros praesenti numine morbos,
 huc ades, et quidquid cupide mihi saepe roganti
 firmasti, cunctum teneris expone papyris.'

Now let us listen to a remedy for a stiff neck.

'At si cervices durataque colla rigeant,
 mira loquar, geminus mulcebitur unguine poples;
 hinc longum per iter nervos medicina sequetur:
 anseris aut pingui torpentia colla fovebis.
 inlinitur valido multum lens cocta in aceto,
 aut caprae fimus et bulbi, aut cervina medulla:
 hoc etiam immotos flectes medicamine nervos.
 quos autem vocitant tolles, attingere dextra
 debebis, qua gryllus erit pressante peremptus.'

Still more barren and unpoetical is Prisciani *Carmen de Ponderibus et Mensuris*, a set of 208 hexameters, the authorship of which is involved in some doubt. The first nine lines will show that in spite of a preliminary flourish, it is little better than a *memoria technica*, a device for fixing facts about weights and measures in the memory.

¹ [The poem is now usually attributed to the son: Teuffel, 383.]

' Pondera Paeoniis veterum memorata libellis
 nosse iuvat. pondus rebus natura locavit
 corporeis ; elementa suum regit omnia pondus.
 pondere terra manet : vacuum quoque ponderis aether
 indefessa rapit volventis sidera mundi.
 ordiar a minimis, post haec maiora sequentur ;
 nam maius nihil est aliud quam multa minuta.
 semioboli duplum est obolus, quem pondere duplo
 gramma vocant, scriplum nostri dixere priores.'

Here at length we may stop. The didactic poetry with which we have been dealing, though far enough removed from the spirit of the *Georgics*, has at any rate preserved their form. Terentianus Maurus may have been as much of a didactic poet as Sammonicus or the supposed Priscian ; but as he chose to exemplify in his work the various metres for which he laid down rules, he can hardly come under consideration in an essay which is intended to illustrate by comparison the didactic poetry of Virgil. Other works which the historians of Latin literature have classed among didactic poems seem to be excluded by different reasons. The *Phaenomena* of Avienus, like the fragments of Cicero and Germanicus, hardly calls for notice independently of Aratus' work. The poem on Aetna has didactic affinities, but its subject is not sufficiently general. The *Periegeses* of Avienus and Priscian fall rather under the category of descriptive poetry. Columella's Tenth Book has been mentioned in another place (G. IV 148).

INDEX OF NAMES AND PRINCIPAL NOTES.

- A, ab*, before consonants, E. viii 41.
 — *integro* and similar phrases, E. iv 5.
 — instrumental, G. i 234, *torrida ab igni*.
 — local, G. iii 2, *pastor ab Amphryso*.
Abdere domo, G. iii 96.
Abiungere, unyoke, G. iii 518.
 Ablative. *See* Cases.
Abolere, cleanse, G. iii 560.
 Abydos, famous for oysters, G. i 207.
 Acacia tree, G. ii 119.
Acalanthis, bird, G. iii 338.
Acanthus, garden-plant, E. iv 20, iii 45,
 G. iv 123; acacia tree, ii 119.
Acceperat annus, E. viii 40, G. iii 190.
Acingor dicere, G. iii 46.
 Accusative. *See* Cases.
Acer equis, G. iii 8.
Acerrae vacuae, G. ii 225.
 Achelous: *Acheloida pocula*, G. i 9.
 Acheron, G. ii 492, iv 479.
 Achilles, E. iv 36; genitive *Achilli*, G.
 iii 91.
 Aconite in Italy, G. ii 152.
 Acorns characterize the Golden Age, G. i
 148.
Acte, for Attica, E. ii 24, G. iv 463.
Ad prima for apprime, G. ii 134.
Addunt in spatia (spatia), G. i 513.
Adeo, besides, G. i 287; emphasizes a
 preceding word, E. iv 11, ix 59, G. i 24,
 ii 323, iii 242, iv 197.
Adeo dum, G. iv 84.
Adfectare viam Olympo, G. iv 562.
 Adjective for adverb, qualifying verb, G. i
 239; qualifying another adjective, *mag-
 nus fluens*, G. iii 28, *saxosus sonans*,
 G. iv 370.
Adolere, E. viii 66; *adolescere*, G. iv 379.
 Adonis, E. x 18.
Adstare, stand up, G. iii 545.
Advena, contemptuous, E. ix 2.
Adversus, aversus, G. i 218.
 Aegle, E. vi 20.
 Aegon, E. iii 2, v 72.
 Aeneid, composition of, p. xxv; manage-
 ment of story, pp. xxxv foll.
 Aeneidomastix, pp. xxix, xlix, liii.
 Aegyptus, G. iv 210, 291.
Aequare with ablative, G. iv 132.
Aerius and *ἠέριος*, G. i 375.
Aestas, summer sky, G. iv 59.
Aestifer and *aestifer*, G. ii 353.
Aestiva, summer quarters, G. iii 472.
Aestus, summer, G. i 297.
 Aethiopes, E. x 68, G. ii 120.
 Aetna, G. i 472, iv 173.
 Africa, shepherd life in, G. iii 339; *siti-
 entes Afri*, Sahara, E. i 64.
 Aganippe, fountain, E. x 12.
Agitare for agere, degere, G. ii 527, iv 154.
Ahenus, aenus, G. i 296.
 Alburnus, mountain, G. iii 147.
Albus and *candidus*, G. iii 82.
 Alcides, E. vii 61.
 Alcimedon an artist, E. iii 37, 44.
 Alcinous, orchards of, G. ii 87.
 Alcippe, E. vii 14.
 Alcon, uncertain who, E. v 11.
Alcyon, bird, G. iii 338, iv 511.
 Alexandrian school influenced Virgil, p.
 xxi.
 Alexis, whether a real person, E. ii Pre-
 face, E. ii, v 86, vii 55.
Alius alius for alius quam, G. i 421.
 Alps, E. x 47, G. iii 474; earthquakes
 in, G. i 475.
 Alpheisiboeus, E. v 73, viii 1, 62.
Alvaria, offerings, E. v 66, viii 105.
Alta petens, in a river, G. i 142; *altum*,
 deep sea, iii 238.
Alveus, alvus, for *alvare*, G. ii 453.
Amaror, G. ii 247, p. xxxiv.
 Amaryllis, E. i, ii, iii, viii, ix.
Ambages, G. ii 46.
 Ambarvalia, E. iii 77, v 70, G. i 340.
Ambo or *ambos*, E. vi 18, G. iv 88.
 Ambrosia, G. iv 415.
Amellus, flower, G. iv 271.
Amerina retinacula, G. i 265.

- Aminneae vites*, G. ii 97. [Possibly a kind of vine or wine, not named after any place. See Pauly-Wissowa i 1835-37.]
- Amomum*, E. iii 89, iv 25.
- Amor Martis*, E. x 44; *amores*, love-songs, E viii 23, x 53; *amores*, a beloved, G. iii 227.
- Amphion Dircaeus, E. ii 24.
- Amphrysus, G. iii 2.
- Amyclaeus, G. iii 89, 345.
- Amyntas, E. ii, iii, v, x.
- Amythaonius Melampus, G. iii 550.
- Amurca*, G. i 194.
- Anethum*, E. ii 48.
- Anguis, constellation, G. i 205, 244.
- Aniena fluente*, G. iv 369.
- Anima Mundi, G. i 415, iv 219.
- Animosus Eurys*, G. ii 441.
- Animus*, memory, E. ix 51; *animos tollere*, G. ii 350; *ingentes animi*, iv 83; *animi dubius*, G. iii 289; *victus animi*, iv 491.
- Annus Magnus, E. iv 5.
- Anser, contemporary poet, E. ix 36.
- Ante expectatum*, G. iii 348.
- Antes*, G. ii 417.
- Antigenes, E. v 89.
- Antony the Triumvir, G. ii 505, iii 25.
- Aonius, E. vi 65; of Helicon, x 12, G. iii 11.
- Apium*, E. vi 68.
- Apollo Nomius and Pales, E. v 35; Grynaeus, vi 72; Thymbraeus, G. iv 323. Apollo, E. iii 104; iv 10, 57; x 21; G. iv 7. See Cynthus, Phoebus.
- Apposition of part and whole, E. iii 3; *certamen Corydon cum Thyrside*, vii 16.
- Aptus* for *aptatus*, G. iii 168.
- Aquarius, constellation, G. iii 304.
- Aquilo, wind, G. i 460, iii 196.
- Arabum Boas domos*, G. ii 115.
- Aracynthus Actaeus, E. ii 24.
- Arar, river, E. i 62.
- Arator*, countryman, G. iv 512.
- Aratus, relation to Virgil, p. 145; characteristics, p. 146.
- Arbor*, supporter of the vine, E. v 32, G. ii 89, 267, 290; *arbustum*, E. iii 10, etc.
- Arbutus*, E. iii 82, G. iii 300.
- Arcadia, Arcades, E. iv 58, vii 26, x 26, 31, G. iii 392; *Arcades ambo*, E vii 4; *A. magistri*, G. iv 283.
- Arctinus copied by Virgil, G. iv 477.
- Arctos, constellation, G. i 138, 245.
- Arcturus, G. i 68, 204.
- Arethusa, fountain, E. x 1, G. iv 343, 350.
- Argitis, wine, G. ii 99.
- Argo, mythical ship, E. iv 34.
- Argutum caput*, of form, G. iii 80.
- Aridus*, of sound, G. i 357.
- Arion, E. viii 67.
- Aristaeus, G. i 14, iv 283 foll. See p. 338.
- Ariusian wine, E. v 71.
- Armare*, rig a ship, G. i 255.
- Armenia, E. v 29, G. iii 31.
- Armenta*, of horses, G. ii 195, iii 129, 286.
- Army, Roman, its battle-order, G. ii 279; recruiting, E. i 71.
- Arx*, hill, G. i 240, ii 172, 535, iv 461.
- Ascanius, river, G. iii 270.
- Asconius Pedianus, p. xxix.
- Asia conquered by Octavian, G. ii 171, iii 30.
- Asia prata Caystri*, G. i 383.
- Asia Deiopea, G. iv 342.
- Asilus*, gadfly, G. iii 148.
- Asper, Aemilius, p. lviii.
- Aspicere*, regard favourably, G. iv 2.
- Assaracus, G. iii 35.
- Assyrius, eastern, E. iv 25, G. ii 465.
- At non*, elliptical, G. iii 349, iv. 530.
- Ater*, noxious, G. i 129, ii 130, iii 430; *tigris*, iv 407.
- Athos (acc. Athôn), G. i 332.
- Atlantides, Pleiades, G. i 221.
- Atque—atque* for *et—et*, E. v 23.
- Atque*, even as, G. ii 402; for *cum*, E. vii 7; in apodosis, G. i 203.
- Auctor*, etymology, G. i 27.
- Aulaeum tollere*, G. iii 25.
- Aura*, odour, G. iv 417.
- Auratis cornibus*, G. i 217, iv 371.
- Aures*, of plough, G. i 172.
- Auritus*, G. i 308.
- Aurora, G. i 249, 447, iv 543, 551.
- Ausonii, G. ii 385.
- Aut* introduces a new question, G. iv 324.
- Avernus lake, G. ii 161, iv 493.
- Avertere*, make mad, E. viii 67.
- Averti* with accusative, G. iii 499.
- Aviaria*, of woods, G. ii 430.
- Baccar*, E. iv 19, vii 27.
- Bacchatus*, passive, G. ii 487.
- Bacchus, E. v 30, 79, etc.; connected with Ceres, G. i 7; goat sacrificed to, G. ii 380; *Baccheia dona*, ii 454; whether identifiable with the Sun, G. i 6.
- Bactra, G. ii 138.
- Balantes*, sheep, G. i 272, iii 457.
- Balearis fundus*, G. i 309.
- Balsam, G. ii 119.
- Barbarus*, non-Roman, E. i 71.
- Bavius, poet, E. iii 90.
- Beer, G. iii 380.

Bees : queen supposed to be male, G. iv 21 ; fights with other 'kings,' 68 ; her wings clipped, 106 ; regulates workers, 215. Bees make holes, G. iv 42 ; their sense of smell, 49, 230 ; of hearing, 64 ; two varieties of, 91 ; their generation, natural, 197 ; artificial from bull's hides, 285 ; their diseases, 255 ; bee-glue, iv 39. Drones, 168.

Belgica esseda, G. iii 204.

Benacus, G. ii 160.

Berne scholia, p. xcviij ; text emended, G. iv 316, 335.

Beroe, G. iv 340.

Bianor founded Mantua, E. ix 60.

Bidens, hoe, G. ii 355, 399.

Bisaltæ of Thrace, G. iii 461.

Blatta, G. iv 243.

Bootes, constellation, G. i 229.

Boreas, E. vii 51, G. i 93, 370, iii 278.

Branding cattle, G. i 263, iii 158.

Britanni, E. i 66, G. i 30, iii 25 ; their *esseda*, G. iii 204.

Bufo inventus canis, G. i 184.

Bull, in the Zodiac, G. i 217 ; bulls with gilded horns, G. i 217, iv 371.

Bumastus, G. ii 102.

Busiris, king of Egypt, G. iii 5.

Cadere, of being let fall, E. ii 18 ; of winds, E. ix 58, G. i 354.

Caecilius Epirota, p. liv.

Cæli orbis, of a planet, G. i 337 ; *cæli menses*, 335 ; *cæli porta*, iii 261 ; *cæli hora*, 327.

Caeruleus, G. i 236, iv 388, 482.

Caesar the Dictator, p. xxi ; portents at his death, E. v 27, ix 47, G. i 467 ; his deification, E. v 66 ; identifiable with Daphnis, p. 14.

Caesar the son. See Octavian.

Caesellius Vindex, p. lxxxix.

Caicus, river, G. iv 369.

Calabri saltus, G. iii 425.

Calathus, cup, E. v 71.

Calliopea, E. iv 57.

Calor, neuter, G. ii 344.

Calpurnius Siculus, Later Bucolic Poets, p. 126.

Calvus imitated, E. vi 47.

Camillus, G. ii 169.

Campi natantes, G. iii 198 ; *patentes*, iv 77.

Canalis, G. iii 330, iv 265.

Cancer, constellation, E. x 68. See Crab.

Candidus, beautiful, E. v 56.

Canis, constellation, G. i 218, ii 353, iv 424.

Canopus, G. iv 287.

Caper, Flavius, p. lxxxvii.

Capi oculis, G. i 183.

Capistrum, G. iii 188, 399.

Capua, G. ii 224.

Caput, of top branches and of roots, G. ii 355 ; of rivers, iv 319.

Carceres, G. i 512, iii 104.

Carchesium, G. iv 380.

Carina, hull, G. i 360 ; *panJa*, ii 445.

Carmen, prophecy, E. iv 4 ; magic formula, viii 68.

Carpathio in gurgite, G. iv 386.

Carpere, spin, G. iv 335.

Cases. Ablative, local, G. i 6, *labentem caelo*, etc. ; 430, *suffuderit ore ruborem* ; material, G. i 262, *cavat arbore luntres* ; modal, G. iii 506, *gemitu gravis* ; iv 528, *iactu se dedit* ; instr. with *ab*, G. i 234 ; two abl. in different constr., G. iii 439, *linguis micat ore* ; dat. or abl., E. iv 41, G. iii 140, iv 165, *cecidit sorti* ; ii 452, *missa Pado*.

— Accusative, E. i 65, *veniemus Oaxen* ; cognate, G. ii 39, *decurre laborem* ; apposition to sentence, iii 41, *saltus sequi, tua iussa* ; with passives, iv 337, *caesariem effusæ* ; iv 482, *implexæ cribnis anguis*.

— Dative, place whither, E. viii 101, *rivo iace* ; G. ii 306 *sonitum caelo dedit*, 452, iv 562 ; with pronouns, ethic, etc., E. iv 62, *cui risere parentes* ; vii 9, x 33, *mihi ossa quiescant* ; G. i 14, 343, ii 298, iii 258 ; with gerundive, i 3 *cultus habendo pecori*, ii 9, 178 ; remoter object, E. vi 50 *collo timuisset aratrum*, iii 407 ; *editus austro*, ii 188 ; *defigere terræ*, 290.

— Genitive, E. ix 58, *ventosi murmuris auræ* ; G. i 277, *felix operum* ; iii 498, *infelix studiorum* ; G. ii 66, *Herculeæ arbor coronæ* ; G. ii 15 *maxima nemorum*, ii 534 ; iv 110, *custos furum* (against thieves) ; 484, *Ixiomis rota orbis* ; partitive with neuter plurals, iv 159, *saepta domorum* ; 310 *trunca pedum* ; locative, *animi dubius* iii 289, iv 491.

Casia, Italian, E. ii 49 ; oriental, G. ii 466.

Castalia, G. iii 293.

Castella, Alpine forts, G. iii 475.

Catalepton, p. xx.

Catulinus, p. xcviij.

Caucasus, E. vi 42, G. ii 440.

Caurus, wind, G. iii 278, 356.

Cavus, of a river, G. i 326, iv 427.

Cayster, G. i 384.

Ceas, Cyclad, G. i 14.

Cecidit sorti, G. iv 165.

Cecropian bees, G. iv 177, 270.

- Celeus, G. i 165.
 Centaurs, G. ii 456.
 Ceraunia, G. i 332.
 Cerberus, G. iv 482.
 Ceres, G. i 343, etc.; *Cereale papaver*, G. i 212.
Cerinth, plant, G. iv 63.
Certamen ponere, G. ii 530.
Chalcidicus of Euphorion, E. x 50.
 Chalybes, G. i 58.
 Chaonia: *columbae*, E. ix 13; *glans*, G. i 8; *pater*, ii 67.
 Chaos, G. iv 346.
 Charms, E. viii 76.
 Cheese-making, G. iii 400; *pinguis cascus*, cream cheese, E i 34.
 Chelae, constellation, G. i 33.
Chelydrus, G. ii 214, iii 415.
 Chiron, G. iii 550.
 Chromis, E. vi 13.
 Cicones of Thrace, G. iv 519.
Ciere gemitus, G. iii 517.
 Cilicia, G. iv 127.
 Cinna (Helvius), p. xxi, E. ix 35.
 Cinyphian goats, G. iii 312.
 Circe, E. viii 70.
 Cithaeron, G. iii 43.
 Clanius, river, G. ii 225.
 Clio, ocean nymph, G. iv 341.
 Clitumnus, river, G. ii 146.
 Clymene, G. iv 344.
 Cocytus, G. iii 38, iv 478.
 Codrus, contemporary poet, E. v 11.
 Coeus, a Titan, G. i 279.
Cogere in sulcum, G. ii 62; of gathering produce, iv 231.
Cognoscere, E. i 41, vi 25.
Colere vitam, G. ii 532.
Colligere sitim, G. iii 327.
Colocasia, E. iv 20.
 Color, beauty, E. ii 17; *coloratus*, sun-burnt, G. iv 293; *colorem ducere*, E. ix 49.
 Columella on gardening, G. iv 148.
Columnae rostratae, G. iii 29.
 Coma, of flowers, G. iv 137.
Concidere montes, G. ii 260.
Condere soles, E. ix 52; *conditus in nubem*, G. i 442.
Congerere (nidum), E. iii 69.
Coniurato ab Histro, G. ii 497.
 Conon, E. iii 40.
Consortes, consortium, G. iv 153.
Constituere, sacrificial, G. iv 542.
Consumere ubera in natos, G. iii 178.
Continuo, G. i 60, 169, 356, iii 75, 271, iv 254.
 Cor, intellect, G. i 123.
 Corona, constellation, G. i 222.
Coronare cratera, G. ii 528.
 Cornutus, L. Annaeus, p. lviii.
Corpus, periphrastic, G. iii 51, 69; of ghosts, iv 475.
 Corsican honey, E. ix 30.
 Corycain saffron, G. iv 127.
 Corydon, E. ii, v, vii.
Corylus, E. i 14, v 3, G. ii 65, 299, 396.
Cothurnus, E. vii 32, viii 10, G. ii 8.
 Cotton, tree-cotton, G. ii 120.
 Cows, points of, G. iii 51 foll.
 Crabs, why burnt, G. iv 48.
Crater declined as Greek, E. v 68; size, G. ii 457.
 Cremona, E. ix 28.
Crescere = nasci, G. ii 336; *crescere in ventrem*, iv 122.
Creta (chalk) for *argilla*, E. i 65, G. i 179, ii 180, 215.
 Crete (island), E. i 65; *pharetra*, G. iii 345.
Crocus (*crocum*), G. iv 182.
 Crustumine pears, G. ii 88.
Cuius, adjective, E. iii 1.
 Culex, the poem, p. xix.
Cultor nemorum (deus), G. i 14.
Cum (prep.), of cause, G. ii 424; *cum primis*, G. i 178; *cum olim*, G. iii 303.
 Cumaean Sibyl, E. iv 4.
Cunei, of a theatre, G. ii 509.
Cur non, with pres. indicative, E. v 3.
Cura, of an object of care, E. i 57, x 22; *curare corpora*, G. iv 187.
 Curetes, G. iv 151.
Currus, of things in motion, G. i 174; for *equi*, iii 91.
Curvus, of the shape and the lair of snakes, G. ii 216, iii 544.
Custos furum, G. iv 110.
 Cyclops, G. i 471, iv 170.
 Cydippe, nymph, G. iv 338.
 Cyllarus, horse of Castor, G. iii 90.
Cyllenius ignis, G. i 337.
 Cynthius (Apollo), E. vi 3, G. iii 36.
 Cyrene, G. iv 321 foll.
Cyrneus, Corsican, E. ix 30.
Cytisus, E. i 78, x 30, etc.
 Cyturus, its box-trees, G. ii 437.
 Dacians, G. i 509, ii 497.
Damnare votis, E. v 80.
 Damoetas, E. ii, iii.
 Damon, E. iii, viii.
 Daphnis and Caesar, p. 14. E. v; E. ii, iii, v, vii, viii, ix.
Dare, for *dicere*, E. i 18; *se dare*, happen, G. i 287; *dare motus*, 350; *funera*, iii 247; *stragem*, 556; *praedia*, 265:

- animam*, iv 204; *iura*, 562; *se edit in altum*, iv 527.
- Dative. *See* Cases.
- De caelo tangi*, E. i 17.
- De-, di-*, confused in MSS., G. i 269, ii 8, 187, 354, iii 72.
- Decedere*, of sun or star setting, E. ii 67, G. i 222; *decedere nocti*, E. viii 89, G. iii 467; *decedere calori*, iv 23.
- Decii, G. ii 169.
- Deducere aquam*, G. i 114, 269; of ships, 255; in triumph, iii 11; *deductum carmen*, E. vi 5.
- Deerro*, etc., contracted, G. ii 200, E. vii 7.
- Deficere*, with acc. of thing, G. i 148.
- Defigere terrae*, G. ii 290.
- Defrutum*, G. i 269.
- Deiopea, G. iv 343.
- Delia (girl), E. iii 67; (Diana) E. vii 29.
- Delos, G. iii 6.
- Densare, densere*, G. i 248.
- Dentalia*, G. i 172.
- Depellere*, drive to, E. i 21, iii 82.
- Derigere aciem*, G. ii 281.
- Deucalion *lapides iactavit*, G. i 62.
- Diana. *See* Delia.
- Dictaeus*, Cretan, E. vi 56, G. ii 536, iv 152.
- Diducere terram*, G. ii 354.
- Dies*, gender, G. i 276; gen. *die*, 208; unlucky days, 268, 278.
- Differre*, plant out, G. iv 144.
- Dionaeus Caesar, E. ix 47.
- Dircaeus Amphion, E. ii 24.
- Disperdere carmen*, E. iii 27.
- Diversus*, far apart, G. i 446, iv 367.
- Divini gloria ruris*, G. i 168.
- Dodona, G. i 149, ii 16.
- Dogstar, G. i 218, ii 353, iv 424.
- Dogs, Molossian, G. iii 405; Spartan, iii 44, 345, 405.
- Donaria*, of temples, G. iii 533.
- Donatus, Aelius, Claudius, xcii.
- Doris, the sea, E. x 5.
- Dorsum nemoris*, G. iii 436.
- Drains, cobble and other, G. i 114.
- Drymo, nymph, G. iv 336.
- Ducere noctem*, G. iii 379; *funus*, iv 256.
- Dulichiae rates*, of Ulysses, E. vi 76.
- Dum*, with pres. followed by plupf., E. vii 6; by impf., G. iv 560; *dum fugeret*, 457; *dum redeo*, till, E. ix 23.
- Duo duos*, E. v 68, vi 18.
- Durare*, intransitive, E. vi 35.
- Earthquakes, G. ii 479.
- Ebrius (? Verrius), p. lvi.
- Edurus ecdurus*, G. ii 65, iv 145.
- Ecce autem*, G. iii 515; *ecce*, with acc., E. v 66.
- Eclogues: dates, p. 21; relation of i and ix, p. 114; language not dramatic, p. 13; colloquial, E. vii 26, ix 23; names mostly Greek, p. 5; scenery, p. 10; strophical arrangement, p. 20; meaning of word Eclogue, p. 20.
- Editus austro*, G. ii 188.
- Electrum*, G. iii 522.
- Eleusina mater*, G. i 163.
- Elis, G. i 59, iii 202.
- Elysian Fields, G. i 38.
- Emathia, G. i 492, iv 389.
- Empedocles, his theories, G. ii 484.
- En*, in passionate questions, E. i 67; *en unquam*, vi 67, G. iii 42.
- Enim*, indeed, G. ii 104, 509.
- Enipeus, river, G. iv 367.
- Eoae Atlantides, G. i 221.
- Ephyre, nymph, G. iv 342.
- Ephyreia aera*, G. ii 464.
- Epidaurus, G. iii 44.
- Epirus, G. i 59, iii 121.
- Epithets: Virgil characterizes things by local epithets, often unsuitable, p. 8, E. i 54, v 27, ix 13, 30, x 59, G. i 8, ii 448, iii 12, 345, iv 177, 334. Customary epithets (non-local), E. vi 68, G. i 329, 338, ii 279, iv 375, 545, etc.
- Epulae repostae*, G. iii 527.
- Eques, equus*, G. iii 117.
- Eratosthenes copied by Virgil, G. i 233.
- Erebus, G. iv 470.
- Erichthonius, G. iii 113.
- Eridanus, G. i 482, iv 371. *See* Po.
- Erigone, constellation, G. i 33.
- Error*, madness, E. viii 42, G. iii 513.
- Erumpere se*, G. iv 368.
- Ervum*, G. iii 100.
- Esseda Belgica* (British), G. iii 204.
- Et—et*: the second *et* expressed by a repeated noun or verb, E. iv 6; *et* for some other conjunction, G. ii 80, 402.
- Etiam*, for *adhuc*, G. iii 189.
- Etiannum*, G. iv 153.
- Etruria, *fortis*, G. ii 533; *pinguis Tyrrhenus*, ii 193; Tuscan Tiber, i 499.
- Eudoxus, E. iii 40.
- Eumelus imitated, G. iv 317.
- Eumenides, G. i 278, iv 482.
- Euphrates, G. i 509, iv 560.
- Euphorion, E. x 50.
- Eurotas, river, E. vi 83.
- Eurydice, G. iv 485 foll.
- Eurystheus, G. iii 4.
- Evolvère*, recount, G. iv 509.
- Ex*, in strange position, E. v 19; *ex ordine*, G. iii 341, iv 507.
- Excitare* (of buildings), G. iv 549.

- Excretus (excernere)*, G. iii 398.
Experientia, meaning, G. i 4, iv 316.
Explorare insidias, G. iii 537.
Extundere, invent, G. i 133, iv 315, 328.
- Facere*, sacrifice, E. iii 77; used instead of repeating verb, E. ii 44.
Facies incidere, G. i 292.
Facilis, G. ii 223, iv 272, 535.
 Falernian wine, G. ii 96.
Fallacia, pellacia, G. iv 443.
 Fallowing, G. i 71 foll.
Fama, story, G. iv 286.
Farrago, G. iii 205.
Fascis, E. ix 65, G. ii 495, iii 347, iv 204.
Fastigium, depth, G. ii 288.
Fata, oracles, G. iv 452; *fatorum numen*, E. iv 47.
 Fauni, E. vi 27, G. i 10.
Felix operum, G. i 277, iii 297.
 Fennel plant, E. x 25.
Ferens ventus, G. ii 311.
Ferrea iura, G. ii 501.
Ferrugo, dark violet colour, G. i 467.
Fertilis uvae, G. ii 191; *f. invercis*, iv 128.
Fervere, G. i 465.
Fessus, sick, G. iv 266.
Felix, G. ii 189, iii 297.
 Fire blazing, a good omen, E. viii 106, G. iv 384; for light, G. ii 432.
Firmissima vina, G. ii 97.
Flagellum, vine-shoot, G. ii 299.
 Flax, G. i 77, 212.
 Florentinus described the generation of bees from ox-skins, G. iv 295.
Flores, of bee-bread or bee-glue, G. iv 39.
Fluere, of juicy grapes, G. ii 100, 190; of gradual sinking, iii 524.
Foedera, laws of Nature, G. i 60.
Folia, for *flores*, E. v 40.
 Forest trees, G. ii Pref.
Formido, in hunting, G. iii 372.
Formonsus, spelling, E. i 5, etc.
Fortuna domus, G. iv 209; *laborum*, iii 452.
Fovere, pay attention to some one, E. iii 4; *ora fovere*, G. ii 135, iv 230; *hnum, lavem, nidos*, G. iii 420, iv 43, 56.
Frequens, military term, G. i 99; *herbis frequens*, ii 185.
 Frondatio, E. i 56, ix 61, x 30.
Fucus, of bee-glue, G. iv 39.
Fulica, what bird, G. i 361.
Fundere, produce easily, E. iv 20, G. i 13.
 Future. See Moods and Tenses.
- Galaesus, river, G. iv 26.
 Galatea, E. i 30, iii 64; Nerine, vii 37.
Galbanum, G. iii 415.
 Gallus (Cornelius), the poet, represented as shepherd, p. 13, E. vi 64, x Pref., G. iv Pref.
 Gallus, commentator, p. xcix, E. v 36.
 Gangaridae, Indians, G. iii 27; Gauges, ii 137.
 Garamantes, E. viii 44.
 Gardening, E. i 37, G. iv 148.
 Gargarus, its fertility, G. i 103, iii 269.
 Gargilius Martialis, G. iv 148.
 Gaudentius, p. xcix.
 Gellius, notes on Virgil, G. i 25, 201, 208, ii 225, 247, iii 127.
 Geloni, *picti*, G. ii 115, iii 461.
 Genitive. See Cases.
Genitor, applied to river-god, G. iv 355.
Genialis hiemps, G. i 302.
Genus, used of wine, G. ii 240.
 Geography of Virgil. See Virgil.
 Georgics, composition of, pp. xxiv, 163, G. ii 197, iv 560. Lines alleged to be later insertions, iii 31, iv 203.
 Germany, E. i 62, G. i 474, 509; Agrippa and Carrinas in, E. x Pref.
 Gerund. See Moods and Tenses.
 Getae in Thrace, G. iii 462, iv 463.
Gilvus, G. iii 83.
Glauc, of other fruit than acorns, G. i 305; alleged nom. *glandis*, iv 81.
 Glaucus, G. i 437; son of Sisyphus, iii 437.
Glomerare gressus, of horses, G. iii 117.
Gnosia stella, G. i 222.
 Goats, E. i 14, G. iii 308.
 Golden Age, E. iv 18, G. i 129.
 Gortynius, Cretan, E. vi 60.
 Graecia, G. i 38, iii 20; Grai, ii 16, iii 90, 148; Virgil's visits to Greece, iii 10.
 Grafting, G. ii 73-82.
Gramina, germina, confused in MSS., G. ii 332.
 Grattius, his *Cynegetica*, p. 408.
Grynaeum nemus, E. vi 72.
Gyrus, ring for horse-breaking, G. iii 115.
- Haedi, constellation, G. i 205.
 Haemus, mount, G. i 492, ii 488.
 Halieutica, p. 412.
Harena, river mud, G. iv 292.
 Harrowing, G. i 94.
 Haterianus, Iulius, p. xc foll.
Haurire lucem, G. ii 340; *corda*, iii 104; rapid motion, iv 427.
 Hebrus, river, E. x 65, G. iv 462, 523.
Hedera, spelling, E. iii 39; *pallens*, ib.: *nigra*, G. ii 258.

- Hellespontiacus Priapus, G. iv 111.
 Hendiadys, note on, G. ii 192.
Herba graninis, E. v 26.
Herculea corona, G. ii 66.
 Hercules, E. vii 61.
 Hermus, river, G. ii 137.
 Herennius, p. xxx.
 Heroic Age, G. ii 432, iv 333, 376.
 Hesiod, pp. 136 foll.; lost works known to Virgil, pp. 136, 145; perhaps alluded to, G. iii 11.
Hesperidum mala, E. vi 61.
 Hiatus. *See* Metre.
 Hiberi, G. iii 408.
Hibiscum, plant, E. ii 30, x 71.
Hic = *ego*, E. ix 16; *haec* for *hae*, G. iii 305. *Hic* (adv.) of time, G. iv 264.
Hoc, hoc ubi, G. ii 312, 425.
 Hippodame, G. iii 7.
Hippomanes, G. iii 280.
 Hister, river, G. ii 497, iii 350.
 Hives, G. iv 33-50; hiving, 65; fumigation of hives, 241.
 Hoarding money, G. ii 507.
 Holydays, G. i 268 foll.
Honestus, comely, G. ii 392, iv 232.
 Honey: origin of, E. iv 30, G. iv 1; straining, 101, 140; collecting, 231.
Honor, beauty, E. x 24, G. ii 392; sacrifice, iii 486.
 Horace and Virgil friends, p. xxiii.
Hordea, E. v 36, G. i 210.
 Horns: river-gods with gilded horns, G. iv 371.
Horrere horridus, of erect ears of corn, G. i 314; hail, 449; upturned ploughridges, iii 161; squalor, iv 96.
 Horses and mares, G. iii 72 foll.; of Achilles and Mars, 91; war-horses, 190; blood drunk by savages, 463; doctored with wine, iii 509; mares impregnated by wind, iii 275.
Hostia and *victima*, E. i 33.
 Hyacinth, E. ii 18, iii 63, 106.
 Hyades, constellation, G. i 138.
 Hybla, E. i 54, vii 37.
 Hydaspes, river, G. iv 211.
 Hyginus, Iulius, pp. lvi foll.
 Hylaeus, Centaur, G. ii 457.
 Hylas, E. vi 43 foll., G. iii 6.
 Hylax, dog's name, E. viii 107.
 Hypanis, river, G. iv 369.
 Hyperborei, G. iii 196, 381, iv 516.
 Iacchus, E. vi 15, vii 61, G. i 166.
 Iapetus, G. i 279.
 Iapys Timavus, G. iii 475.
 Ida in Phrygia, G. iii 450, iv 41.
 Idumaeen palms, G. iii 12.
Ignarus, ignotus, E. vi 40.
Iit and compounds, quantity of final *i*, G. ii 81, p. 283.
Ille, pleonastic, G. ii 435, iii 362; *ille alter*, ii 397, iv 93.
Illyricum acquor, E. viii 7.
Imago, echo, G. iv 50.
Immissus laxis habenis, G. ii 364.
Immunis civis, G. iv 244.
 Imperative, Imperfect. *See* Moods, etc.
Impius, of civil war, E. i 70, G. i 511.
Importunae volucres, G. i 470.
Improbos puer, E. viii 50; *anser*, G. i 119; *labor*, 146; *anguis*, iii 431.
In, in the case of, E. viii 84.
Inanis stetus, idle tears, G. iv 375.
Inachia iuvenca, Io, G. iii 153.
Incedere, with dative, G. iv 68.
Incrementum Iovis, E. iv 49.
Incumbere governs infinitive, G. iv 249.
 Indian ivory, G. i 57, ii 116; archers and forests, 122; riches, 138; *inbellis*
Indus, 172; of Ethiopians, iv 293; heat, 424.
 Indicative. *See* Moods, etc.
Indigetes, G. i 498.
Indignus amor, E. viii 18, x 10; *hiemes*, G. ii 373.
Induel se in florem, G. i 188.
Infelix, sterile, E. v 37; *frugibus infelix*, G. ii 239, 314; *infelix studiorum*, iii 498.
Ingeniis praemia, G. ii 382.
Inhiare, gloat on, G. ii 463.
Iniustus, excessive, G. iii 437.
Inlaudatus Busiris, G. iii 5, p. xxxiv.
Inlusae auro vestes, G. ii 464.
Inmiscere se armis, G. iv 245.
 Inoculation of trees, G. ii 73-82.
 Inous Melicertes, G. i 437.
Inrigare imbrem, G. iv 115.
Inscius arvi, G. iii 189.
Inserere = *interserere*, G. ii 302.
Insincerus cruor, G. iv 285.
Instituere, with acc. and inf., G. i 147.
Instratus, unstrewn, G. iii 230.
Intempesta nox, G. i 247.
Inter agendum, E. ix 24; *potula*, G. ii 383.
Interficere messes, G. iv 330.
 Interpolations, alleged, E. i 17, ii 32, 39, G. i 100, ii 129, iv 276, 290, 338.
Intiba, endive, G. iv 120.
Invitare, enliven, G. i 302.
 Iollas, E. ii 57, iii 76, 79.
 Ionian Sea, G. ii 108.
Ipse, in turn, E. ii 62; of superiors, iii 3, ix 67, G. i 121, 328, iv 149; for *ultra*, E. vi 26; of a thing apart from accessories, G. ii 365, iv 274.

- Irasci in cornua*, G. iii 232.
 Isaiah, Introd. p. 18, E. iv 4, 24, v 63.
 Ismarus, mount, E. vi 30, G. ii 37.
 Italy, praise of, G. ii 136-176; its cities,
 i 486, ii 156; plague in, iii 478 foll.
 Ituraean archers, G. ii 448.
 Ixion: his snakes, G. iii 83; *rota orbis*,
 iv 484.
Iactare, wield heavy tool, G. ii 355.
Iam, further, G. i 383, ii 57, iii 541.
 Jingle in charms, E. viii 81.
 Julian Harbour, G. ii 161.
 Juniper tree, E. vii 53, x 76.
 Juno, G. iii 153, 532.
 Juppiter, legends, G. iv 151; for the sky,
 E. vii 60, G. i 418, ii 419.
Iura, G. i 269, ii 501; *dare*, iv 562.
Iusti hymenaei, regular, G. iii 60.
 Kidney beans, G. i 227.
 Kingfisher, G. iii 338, iv 511.
Labor, used of inanimate things, G. i 79,
 150, ii 343, 372; eclipses, G. ii 478;
in tenui labor, iv 6.
 Labour: its dignity, Introd. p. 159, G. i
 63, ii 37, 260, iii 288, 526, iv 112.
Lac, lact, E. iii 22.
Lacenaë virginis, G. ii 487.
Lacus, smith's trough, G. iv 173.
Laetus, originally meant fertility, G. i 1,
 144, ii 326, 520.
Læva mens, E. i 16; *numina*, G. iv 7.
 Lageos, vine, G. ii 93.
 Laomedonæa Troia, G. i 502.
 Lapithæ, G. ii 457, iii 115.
Lappacque tribolique, G. i 153.
 Lar, worshipped E. i 43, 70, G. iii 344,
 iv 43.
 Larian Lake, G. ii 159.
Lassæ or lapsæ res, G. iv 449.
 Latifundia, G. ii 412.
 Latonia Delos, G. iii 6.
Laudare, politely reject, G. ii 412.
Laurus, acc. pl., E. vi 83.
Lavère, lavare, G. iii 221.
Legio, G. ii 279.
 Lenaus (Bacchus), G. ii 4, 7, 529, iii 510.
 Lesbos, G. ii 90.
Lethæa papavera, G. iv 545; *somnus*, i
 78.
Letum, personified, G. iv 480.
 Leuce, legend, E. vii 61.
Lex, condition, G. i 60, iv 487.
Liber, inner bark, E. x 67.
 Liber (Bacchus), E. vii 58, G. i 7;
 Liberalia, E. v 29.
 Libethrides Nymphæ, E. vii 21.
 Libra, constellation, G. i 208.
 Libya, G. i 241, ii 105, iii 249, 339.
 Ligea, nymph, G. iv 336.
 Light and air confounded, G. ii 340.
 Ligurian, *malò adsectus*, G. ii 168.
 Limes, *secto via limite*, G. ii 278.
Lina, nets, G. i 142.
 Linus, *divino carmine pastor*, E. vi 67.
 Lions, poetic in Sicily, E. v 27; *lionces*
 with a mane, G. iv 408.
Longum inquit, E. iii 79; *longus Olym-*
pus, G. iii 223.
 Lotus plant, G. ii 84, iii 394.
 Love charms, love knots, etc., E. viii 76
 foll.
 Lucifer, E. viii 17, G. iii 324.
 Lucretius, philosophical terms borrowed,
 E. vi 31; how far copied in *Georgics*,
 Introd. p. 151 and G. ii Pref.; alluded
 to, ii 490; his account of a plague, iii
 478.
 Lucrine lake, G. ii 161.
Lucuma, spelling, G. iii 365.
Lucus, of the lower world, G. iv 468.
Ludere, of poetizing, E. i 10, G. iv 565.
Luminis orae (auræ), G. ii 47.
Lunter (linter), G. i 262.
 Lupines, G. i 75.
Luxuriam depascere, G. i 112.
 Lyæus (Bacchus), G. ii 229.
 Lycaeus, mount, E. x 15, G. i 16, iii 2,
 314, iv 538.
 Lycaon of Arcadia, G. i 138.
 Lycidas, E. vii 67, ix.
 Lycisca, dog, E. iii 18.
 Lycorias, nymph, G. iv 338.
 Lycoris, mistress of Gallus, E. x.
 Lyctius Aegon, Cretan, E. v 72.
 Lycus, river, G. iv 366.
 Lydia, *ingens*, G. iv 211.
 Lynx, poetic in Italy, E. viii 3.
 Macrobius criticises Virgil, pp. xxix foll.
 Maecenas, G. i 2, ii 41, iii 41, iv 2.
 Maenalus, mount, E. viii 21 foll., ix 15,
 55, G. i 17.
 Maonian Bacchus, G. iv 379.
 Maeotian Sea, G. iii 349.
 Maevius, poet, E. iii 90.
 Magic, E. iii 103, vii 27, viii.
Magis for potius, E. i 11; *magis magis*,
 G. iv 311.
Magnus fluens, G. iii 28.
 Maia, star, G. i 225.
Mala, all fruit with pips, E. iii 64.
Male temperare, scarcely, G. i 360; *male*
pinguis, 105; *male erratur*, iii 249.
Manes movere, G. iv 505.
 Manilius, Later Didactic Poets, p. 402.
Mantelia, G. iv 377.
 Mantua, scenery, p. 10, E. i, vii, ix.

- Prefaces, p. 125; confiscation of its territory, E. ix 28, G. ii 198, iii 12.
- Magalia* and *magalia*, G. iii 340.
- Mareotic vines, G. ii 91.
- Marius (Gaius), G. ii 169.
- Mars, Martius, E. ix 12, x 44, G. i 511, ii 283, iii 91, iv 71, 345.
- Marsi, G. ii 167.
- Mascula tura*, E. viii 68.
- Massic wine, G. ii 143, iii 526.
- Mater*, Ceres, G. i 163; Earth, ii 268; Cybele, iv 64; of a Bacchanal, 520.
- Mavortia tellus*, Thrace, G. iv 461.
- Media, G. ii 136, iv 211; *medica* (herba), i 215; *medicum malum*, ii 126.
- Meditari*, compose, E. i 2.
- Medium mare*, E. viii 59, iii 237.
- Melampus, G. iii 550.
- Meliboeus, E. i, iii, v, vii.
- Melicertes, G. i 437.
- Meliora omnia poscens*, G. iii 456.
- Melisphillum*, plant, G. iv 63.
- Mella, river, G. iv 278.
- Menalcas, E. ii, iii, v, ix, x; identified with Virgil, p. 13, E. v 1.
- Mensae secundae*, G. ii 101.
- Mercede multa*, great pains, G. ii 62.
- Mergus*, what bird, G. i 361.
- Merops*, bee-eater, G. iv 14.
- Methymnaean vines, G. ii 90.
- Metre and Prosody. Hiatus, E. ii 53; monosyllables, *O Alexi*, etc., 65, iii 79, vi 44, x 13, G. ii 144, iii 155, iv 339.
- Hypermeter, G. i 295, ii 69, 344, iii 449.
- Lengthening of short final vowels: *aberāt*, E. i 38; *fagūs*, ii 71; *quē*, 91, 153, 164; *melior*, iv 92; *tōndebāt*, 137; *enituit*, ii 211; *nullius*, iv 453.
- Elision or shortening of final *o*: *Pollio*, E. iii 84; *scio*, viii 44.
- Contraction, etc.: *reicere*, dactyl, E. iii 96; *ea*, accusative, E. vi 30, G. i 279; *eodem*, E. viii 82; *Penei*, G. iv 354; *deerro*, etc. E. vii 7, G. ii 200.
- Scansion of proper names, E. x 66, G. iii 461.
- Spondaic hexameter, G. iii 276; monosyllabic ending to hexameter, G. i 81; Bucolic caesura, p. 15.
- Micat auribus*, G. iii 84.
- Micon, E. iii 10, vii 30.
- Milesia vellera*, G. iii 306, iv 334.
- Millstones, indented, G. i 274.
- Mincius, river, E. i 47, vii 12, G. ii 199, iii 14.
- Minerva discovered the olive, G. i 18; hated spiders, iv 246.
- Minium*, E. x 27.
- Minutatim*, G. iii 485.
- Miracula rerum*, G. iv 441.
- Mnasyllus, satyr, E. vi 13.
- Modestus, Iulius, p. lviii.
- Modo*, with imperative, E. viii 79.
- Moeris, shepherd, E. viii, ix Prof.
- Moliri*, G. i 329, iv 331.
- Mollis acanthus*, E. iii 45; *crura*, G. iii 76 (flexible); *mollior aestas*, i 312; *mollissima vina*, 341; *mollia oscilla*, ii 389.
- Molorchus, G. iii 19.
- Molossian dogs, G. iii 405.
- Monstrum*, of small things, G. i 185, iii 152; prodigy, iv 554.
- Moods, Tenses, etc. Indicative: rhetorical, *poteras*, E. i 79; *possum*, G. i 176; in conditional apodosis, *laurus erat*, G. ii 133.
- Subjunctive: imperfect potential, *non redderet*? E. iii 21, see G. i 321.
- Imperative in *-to*, *-tor*, E. viii 60, G. i 187.
- Infinitive: *studium tueri* G. i 21, ii 195; *tempus humo tegere*, i 213; *modus inscrere*, ii 73; *tempus pandere*, i 283; *accingar dicere*, iii 46; *instituit vertere*, i 147; *incumbent sarcire*, iv 249; *certaverit durare*, ii 100.
- Participles, past for present, i 206; present for past, iii 518, iv 512; used as substantives, G. i 272, iii 147, 541.
- Conditionals: *si non iactaret, laurus erat*, G. ii 133; *ni traham, canerem*, G. iv 117.
- Present tense for past, E. viii 45, G. i 279, iii 92; past for present, E. i 24.
- Perfect instantaneous: *ruperunt horrea messes*, G. i 49; *terra tremuit, fugere ferae* 330, ii 81, iv 213. Gnostic, G. i 49, 375, ii 210, *saepe sub terra fovere larem* iv 43, 213.
- Future for imperative, E. x 31, G. i 167, iii 153, 328, iv 105, 282, 545, etc.
- Moon, parent of dew, G. iii 337.
- Mopsus, E. v, viii.
- Morini, G. iii 32.
- Mos*, for *modus*, G. ii 227.
- Mulgaria*, spelling, G. iii 177.
- Mulsum, G. i 344, ix 102.
- Mundus*, sky, G. i 5.
- Musa, song personified, E. i; goddesses of Memory, vii 19.
- Mussare*, uses of, G. iv 188.
- Mycenae, G. iii 121.
- Myrtle and bay, E. ii 54; connected with Venus, vii 62, G. i 28; medicinal use, i 306.
- Myrtus*, acc. pl., E. vii 6.
- Mysia, G. i 102, iv 369.
- Naiads, E. ii 46, vi 21, x 10.

- Namquis, quisnani*, G. iv 445.
Nanique resembling *nempe*, G. ii 398.
 Napaeae, nymphs, G. iv 535.
Narcissus, purpureus, E. v 38; *lacrima narcissi*, G. iv 160.
Nare, of sailing, G. iv 506.
 Narycian pitch, G. ii 438.
Natura, productive power, G. ii 20, 49, 178; plural, iv 149.
 Neaera, E. iii 3.
Nectar novum, of wine, E. v 71.
 Nemesianus, pp. 132, 410.
Nemus, used of plantations or of trees in *arbutum* for providing supporters to vines, E. vi 11, vii 59, G. ii 308, 323, 301; see also G. ii 15.
 Neptune, G. iv 29, 387, 394; created the horse, G. i 13, iii 122.
Neque, for *ne quidem*, E. iii 102; *neque enim*, G. ii 104; *neque*, for *non*, E. ix 6; *neque*, *neque* after *non*, E. iv 55, v 25; *nequum*, E. ix 26.
 Nereus, E. vi 35, G. iv 391.
 Nerine Galatea, E. vii 37.
Nescia fallere vita, G. ii 467.
Nexus, nixus, confounded in MSS., G. iv 199.
 Nicander copied by Virgil, p. 147, E. vi Pref., G. iii 391.
Nidus, G. iv 17.
 Nightingale, G. iv 511.
 Nile, G. iii 29; boats on, iv 289.
 Niphates, hill or river, G. iii 30.
 Nisa, woman, E. viii 18, 26.
 Nisus, king of Megara, E. vi 74, G. i 404.
Nitere, of tilled soil, G. i 153, ii 211.
 Nola, Virgil's quarrel with, G. ii 225.
Non for ne, non moveat, G. i 456, iii 140; *non—non—et*, G. ii 496.
 Nonius Marcellus, p. lxiv foll.
Nonne vides, Lucretian, G. i 56, etc.
 Noric hill-forts, G. iii 474.
Novalia, E. i 70.
Novellus, technical sense, E. iii 11.
Novus, sudden, G. iv 357.
Nudus ara, scire nudus, G. i 299.
Nullus, for *non*, E. ix 12, G. iv 516.
Numero deus impare gaudet, E. viii 76.
Numen fatorum, E. iv 47.
Nunc, sarcastic imperative, E. i 73; *nunc age*, G. iv 149.
Nunquam hodie, E. iii 49.
Nutriri, deponent, G. ii 425.
Nux, almond or walnut, G. i 187; nuts at weddings, E. viii 31.
 Nymphs, goddesses of springs, E. ii 6; *faciles*, iii 9; patronesses of song, iv 1, etc.; hunt, x 55.
 O final of *Pollio*, E. iii 84; *scio*, viii 44.
O ubi, G. ii 486.
 Oaxes, river, E. i 65.
Oblitus, forgotten (passive), E. ix 53.
Obnoxius, beholden to, G. i 396.
 Ocean, G. i 246, ii 481, iii 359; Homeric notion of Ocean adopted, ii 122; *Oceani amnis*, iv 233; parent of all things, 381; *Oceanitides*, iv 341.
 Octavian, deification, p. 21, E. i 6, 43, 70; triumph, G. i 504; progress after Actium, iii 31, iv 560; called *imperator*, E. i 42, G. i 500.
 Octavius Avitus, pp. xxix, l.
 Oeagrian Hebrus, Thracian, G. iv 523.
 Oebalia arx, Tarentum, G. iv 125.
 Oeta, mount, E. viii 30.
Olim cum, G. ii 403.
 Olive, G. ii 420-5, see Pref., p. 224; slow growth, G. ii 3; vitality, 31; long life, 181; used to support vines, 302; olive branch a sign of peace, 425; olive staff, E. viii 16; oleaster, ancient and modern [Loudon's Arboretum, iii 1321] G. ii 182.
Olympiacae palmae, G. iii 49; see iii 202.
 Olympus, mount, E. v 56, vi 86, G. i 96, 282, 450, iii 223; *viam adfectat Olympo*, iv 561.
Operari, sacrifice, G. i 339.
 Opis, nymph, G. iv 342.
Orae, entrances (?) of hives, G. iv 39, 188.
Orbis, m \acute{e} l \acute{e} e, G. iv 79; sun's path in sky, i 231, iv 426.
Orchades, olives, G. ii 86.
 Orcus: *portitor*, G. iv 501; *orcus*, ὄρκος, i 277.
Ordia, E. vi 33.
Ordine, adverb, G. iv 376.
Oriens equis adflavit anhelis, G. i 250.
 Orithyia, daughter of Erechtheus, G. iv 462.
Ornus, what tree, G. ii 71.
 Orpheus, E. iii 46, iv 55, 57, vi 30, viii 55, G. iv 453 foll.
Os: suffuderit ore ruborem, G. i 430; *volitare per ora*, iii 9; *linguis micat ore*, 439. Dimin. *osculum*, ii 523.
Oscilla, of Bacchus, G. ii 389.
Ottum, peace, E. i. 6, G. iv 564; *latis otia fundis*, ii 468.
 Ossa, mount, G. i 282.
Ostrum Sarranum, G. ii 506, iii 17.
 Padus. See Po.
 Paestum, *biferi rosario*, G. iv 119.
 Palaemon, shepherd, E. iii 50.
Palatia Romana, G. i 499.
 Pales, pastoral goddess, E. v 35, G. iii 1, 294.
Paliurus, shrub, E. v 39.

- Pallas, protector of cities, E. ii 61; *Palladia silva* (olive), G. ii 181.
 Pallene, G. iv 390.
 Pan, E. ii 32, iv 58, v 59, viii 24; comforts Gallus, x 26; Tegeaeon, G. i 17; ii 494; Pan and the Moon-goddess, iii 391.
Panchaei ignes, G. iv 378; Panchaia, ii 139.
 Pangaea, mount, G. iv 461.
 Panopea, nymph, G. i 437.
 Paphian myrtle, G. ii 64.
 Parcae, E. iv 47.
 Parian marble, G. iii 34.
 Paris, E. ii 61.
 Parnassus, E. vi 29, x 11, G. ii 18, iii 291.
Parthenius, Arcadian, E. x 57.
 Parthenope, Naples, G. iv 563.
 Parthia, E. i 62; archers, x 59, G. iv 311; wars with, i 509, iii 31; quoted as typical sovereignty, iv 212.
 Parthini defeated by Pollio. See E. viii Pref.
Pascere, for *pasci*, G. iii 143; *pasci* with acc., 314, 458.
 Pasiphae, E. vi 46.
Pasum, raisin wine, G. ii 93.
 Pater, of gods, G. ii 4.
Pateris libamus et auro, G. ii 192.
Patria, of even a hamlet, G. ii 514.
Pausia, kind of olive, G. ii 86.
 Pears, E. i 73, ix 50, G. ii 88.
Pecuaria for *pecora*, G. iii 64.
Peculium of a slave, E. i 32.
 Pelethronii Lapithae, G. iii 115.
 Pelion, mount, G. i 281, iii 94.
Pellacia, G. iv 443.
Pellaeus, Egyptian, G. iv 287.
 Pelops, G. iii 7.
Pelusiacus, Egyptian, G. i 228.
Pendentia pumice tecta, G. iv 374.
Penetrabile frigus, G. i 93. See ii 39.
 Peneus, river, G. iv 317, 354.
Per, for *inter*, G. i 238; *fugeret per flumina*, iv 457.
 Perellius Faustus, p. xxix.
Pererratis finibus, E. i 61.
 Perfect. See Moods, etc.
 Permessus, river, E. vi 64.
 Persis, G. iv 290.
 Personification of fields, G. 52; of hills, E. v 62 [Baumeister's Denkmäler, p. 1295]; of Letum, G. iv 481. Personification and metaphor, iii 480.
Persuadere with infinitive, G. ii 315.
 Pessimism in Virgil, G. i 198, iii 66, iv 7, 251.
 Phaethontidae, sisters of Phaethon, E. vi 62.
 Phanaeus, Chian wine, G. ii 98.
 Phasis, river, G. iv 366.
 Philargyrius, p. xciv.
 Philippi, perhaps confused with Pharsalia, G. i 490 [Postgate, Lucan vii, p. 88].
 Philomela, daughter of Pandion, E. vi 79. See G. iv 15, 511.
 Phoebe, for Luna, G. i 431.
 Phoebus, E. iii 62, v 9, vi 11, 29, 66, vii 22, 64.
 Pholus, centaur, G. ii 456.
 Phrygia, Ida, G. iv 41.
 Phyllis, E. iii, v, vii, x.
 Phyllodoce, nymph, G. iv 336.
Picti Geloni, G. ii 115.
 Pierides, Muses, E. iii, vi, viii, ix, x.
 Pindus, mount, E. x 11.
 Pisa in Elis, G. iii 180.
 Piscis, constellation, G. iv 234.
Plangere, intransitive, G. i 334.
 Pleiades, G. i 138, 225, iv 233.
 Plough, invented by Triptolemus, G. i 19; description of it, 169-175; seasons of ploughing, ii 43; in vineyards, 355.
 Po, river, *fluviorum rex*, G. i 482; floods, ib.; swift, ii 452, iv 372; *auratus cornua*, 371.
Poeni leones, E. v 27.
 Pollio (C. Asinius), E. iv, viii, Prefaces, p. xxii, E. iii 84; spelling, E. iii 84; commentary attributed to him, xc.
 Pollux rode Cyllarus, G. iii 89.
Pomum, connotation, E. ii 53, ix 50, G. ii 59.
Ponere frondes, shed, G. ii 403; *fetus*, drop, 521.
 Pontus, poison-land, E. viii 96, G. i 58; Euxine, 207.
 Poppy of Ceres, G. i 212; soporific, 78, iv 545; offered to the dead, ib. 545.
Populi, civic communities, G. iv 5.
Populus Alcidae gratissima, E. vii 61, G. ii 66; *candida*, E. ix 41.
Porta caeli, G. iii 241.
Possessor agelli, E. ix 3.
Possum, can but will not, G. i 176.
Potniades quadrigae, G. iii 268.
Praetorium, of bees, G. iv 75.
Preciae, grapes, G. ii 95.
Premere, plant, G. ii 346; *ad retia cervum*, iii 413.
Pressae carinae, laden, G. i 303; *presso gutture*, 410.
 Priapus, E. vii 35; *custos furum*, G. iv 110.
Primus, rhetorical, E. i 44, iv 8; *primus carpere*, G. iv 134.
 Probus (M. Valerius), pp. xvii, lxi, lxxiii.
Procedere, of a star, E. vi 86, ix 47.
 Procne, G. iv 15.
Procurare, G. iii 145.

- Proetides, E. vi 48.
Profundum caelum, E. iv 51; *saltus*, G. ii 391.
 Prometheus, E. vi 42.
Properare, with acc., G. iv 171.
 Propertius and Virgil, pp. xxvi, 4, E. vii Pref.
Propolis, bee-glué, G. iv 39.
Proprius, permanent, E. vii 31.
Prosaemia, G. ii 381.
 Proserpine, G. i 39, iv 486.
Prosubigere, dig, G. iii 256.
 Proteus, G. iv 387 foll.
Protinus, protenus, E. i 13.
 Psithia, wine, G. ii 93, iv 269.
Pudet, of moderation, E. vii 44, G. i 80.
Purpureus: *narcissus*, E. v 38; *ver*, ix 40; *aulaea*, G. iii 15; *flores*, iv 54; *mar*, 373; of grapes, ii 95.
Pura sub nocte, E. ix 44; *per purum*, G. ii 364.
Putris, of soil, G. i 215, ii 204.
 Pyrrha and Deucalion, E. vi 41.
- Quae semper*, E. i 53.
Que, disjunctive, G. ii 87, 139, 312; iii 121; transposed, ii 119.
Querella, of animals, G. i 378.
Qui: *qui* and *cui* confused, E. iv 62; *qui* and *quis*, E. i 18, and *qualis*, E. ii 19, G. i 3; *qui* for *si quis*, G. iii 73.
Quid and *quod* after *non habeo*, E. ii 2; *quid dicam*, G. i 104.
Quidam, without reference to any real individual, G. i 291.
Quies operum, G. iv 184.
 Quincunx. See G. ii 279-284.
 Quintilian mentions readings in Virgil, E. i 12, iv 62.
 Quirinus, G. iii 27.
 Quirites, of the bees, G. iv 201.
Quod superest, G. ii 346, iv 51.
Quodannis, spelling, G. ii 398, iii 71.
Quondam, indef., G. iii 99; iv 261.
Quoniam, of time, G. iv 437.
- Radius*, geometer's rod, E. iii 41; olive, G. ii 86.
Rapax, of rivers, G. iii 142.
Rapere, intransitive, G. iii 68.
Rapidus, violent, E. ii 10, *aestus*; G. ii 321, *Sol*; iv 263, *ignis*; 425, *Sirius*.
Rapidus cretae, E. i 65.
Raptim, G. i 409, ii 427.
Rarus, planted apart, G. iv 130.
 Reaping, G. i 94.
Recens, moist, G. i 106.
Reddimus exta, G. ii 194.
Redire, recur, G. i 249; pictorially of a hill, iii 351.
- Referre*, recur, G. i 440; pay due sacrifice, 339.
 Refrains in Theocr. and Virgil, E. viii 21.
Regere, direct a way, G. i 232.
Regna, client kingdoms, G. ii 498.
Reicere canes, call off, E. iii 96.
 Relative clause irregularly constructed, G. ii 208.
Relegare, G. iii 212.
Relictus, unoccupied (land), G. iv 127.
Relinere, open a cask, G. iv 229.
 Remus, G. ii 533.
 Repetition of lines in Virgil, G. ii 129; in heroic poetry, iv 551.
Reponere crura, G. iii 76; *epulae repositae*, 527; *plena reponunt pocula*, iv 378.
Requiescere, transitive, E. viii 4.
Rerum pulcherrima Roma, G. ii 534: *miracula rerum*, iv 441.
Rescindere caelum, G. i 280.
Resistere, stand out in relief, G. iv 424.
Resonare alcyonem, G. iii 338.
Revocari, of something new, G. iv 282.
Rex, patron, G. ii 504.
 Rhaetic wines, G. ii 96.
Rhemi frigora, E. x 47.
 Rhesus, king of Thrace, G. iv 461.
 Rhipaeen hills, G. i 240; wind, iii 382: cold, iv 517.
 Rhodian wine, G. ii 102.
 Rhodope, mount, E. vi 30, viii 44, G. i 332, iii 351, 462, iv 461.
 Rhoetus, centaur, G. ii 456.
Ridere: *cui non risere parentes*, E. iv 62
Rivus, irrigation term, E. iii 111.
Robur aratri, G. i 162.
 Rome, E. i 19, 26, etc.; *oppida Romana*, ii 176; *res Romanae perituraeque regnae*, G. ii 498; *cui nomen asilo Romanum est*, iii 148.
 Romulus addressed, G. i 498.
 Rooks, G. i 410.
 Rosea's fertile plains, G. ii 201.
Rota orbis Ixionii, G. iv 484.
 Rotation of crops. See G. i 73.
Rubens, of spring, G. ii 319, iv 306.
Ruere harenam, G. i 105; *nubem*, ii 308; *ruere portis*, iv 185.
 Rural life, its dignity, G. i 168; its pleasures, ii 458 foll.
Rursum and *rursus*, E. x 62, G. ii 78; means 'on the other hand,' G. ii 78: of changes, iii 138, 484.
Ruscus, butcher's broom, G. ii 413.
- Sabaeans, G. i 57, ii 117.
Sabella pubes, G. ii 167; *Sabellicus sus*, iii 255.
 Sabines, old hardihood of, G. ii 532.

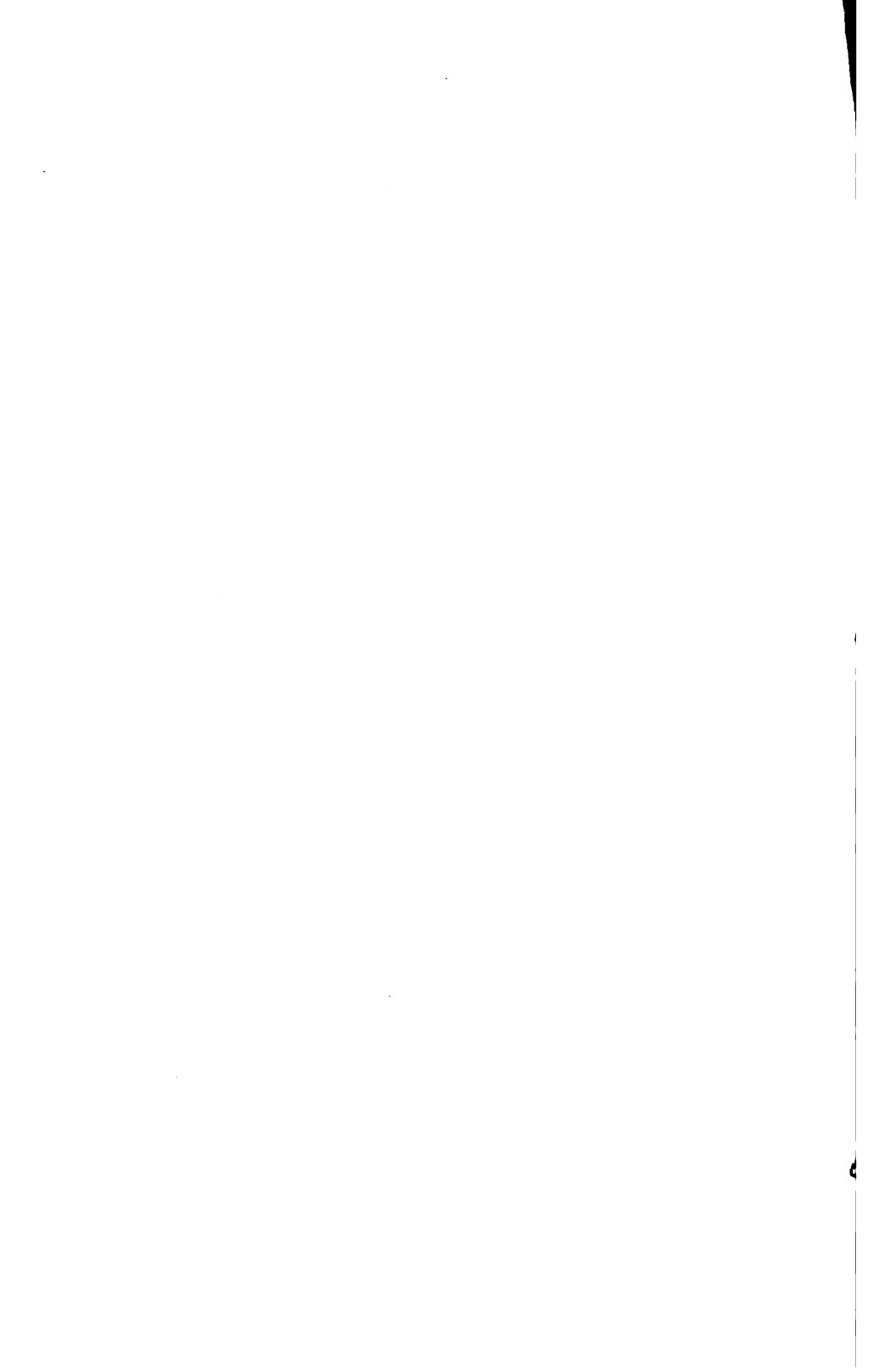
- Sacer ignis*, a skin disease, G. iii 566.
Saeclum eversum, G. i 500.
Saepta domorum, G. iv 159.
Salientem sanguine venam, G. iii 460.
Saliunca, Celtic reed, E. v 17.
Salsae herbae, given to sheep, G. iii 395.
Sandyx, scarlet, E. iv 45.
Sarcire ruinas, patch, G. iv 249.
Sardonis amarior herbis, E. vii 41.
Sarranum ostrum, Tyrian, G. ii 506.
Satur, of rich land, G. ii 197; *saturo colore*, iv 335.
Saturium near Tarentum. See G. ii 197.
Saturn, the Golden Age, E. iv 6, vi 41, G. ii 538; *Saturni stella frigida*, i 335; *Saturnia tellus*, Italy, ii 173; *Saturni dens*, 406; legend of, G. iii 93.
Scaena versis frontibus discedit, G. iii 24.
Scenery, Roman appreciations of, E. x 47, G. iii 522.
Scindere, plough, G. i 50; ii 399; iii 160.
Scipiadae, G. ii 170.
Scirocco, wind. See E. ii 59.
Scorpius, constellation, G. i 35.
Scylla, E. vi 74, G. i 405.
Scythia, the North, E. i 65, G. i 240, iii 197, 349.
Seges, field for sowing, E. ix 48, G. i 47, iv 129; vineyard, ii 411.
Semina, young plants, G. ii 267, 302, etc.
Seneca's text of Virgil, G. i 251.
Senex, for *antiquus*, E. vi 70.
Septem subiecta trioni, G. iii 381.
Serenae nubes, rainless, G. i 461.
Serenus Sammonicus, p. 413.
Seres, Orientals, G. ii 121.
Servius, pp. xxx foll., xlix, xcvi foll.; text emended, G. i 277.
Sheep, G. iii 284 foll.; wool, 384; milk, 394; diseases, 440.
Shepherd and poet identified, *Introd.* p. 12, E. vi 67, x *Pref.*
 — life in Africa and Scythia, G. ii 339.
Si in adjuration, G. i 7; *si qua* for *si forte*, iii 83; *si*, on the chance that, E. vi 57, ix 38.
Sibylline Verses, E. iv 1.
Si, in adjurations, E. ix 30, x 5, etc.
Sicanian sea, E. x 4; *Sicelides Musae*, iv 1; *Siculi montes*, ii 21; *pastor*, x 51.
Sicyonian olive, G. ii 519.
Sila, forest, G. iii 219.
Silarus, river, G. iii 146.
Silenus, E. vi *Pref.*, 14.
Siler, perhaps osier, G. ii 12.
Silk, G. ii 121.
Silva, bushes, G. i 76, ii 21, 152, etc.; *silvestris*, pastoral, E. i 2, iv 3.
Silvanus and the cypress G. i 20; E. x 20, G. ii 494.
Similes, grammatical structure, G. i 201, ii 284, iii 196.
Simplex, for *unus*, G. ii 73, iii 482.
Sincerus, derivation, G. iv 285.
Sinus, bowl, E. viii 33.
Sinus extremi orbis, G. ii 123; *in sinus scindit sese unda reductos*, iv 420.
Sirius, star, G. iv 424.
Siron, p. xix.
Sithoniae nives, Thracian, E. x 66.
Situs, decay, G. i 72.
Snakes, G. iii 414, 438; of Ixion, 38.
Soil, tests of, G. ii 177-258.
Soldier. See *Army*.
Solstitia, summers, G. i 100.
Sophocleus cothurnus, E. viii 10; possibly imitated, E. ii 26, G. iii 220.
Sorbis, service-berry, E. iii 380.
Sorti cecidit, G. iv 165.
Spartan dogs, G. iii 405.
Spacia, G. i 513.
Specimen, proof, G. ii 241.
Spelaenum ferarum, E. x 52.
Spercheus, river, spelling, G. ii 487.
Spinus, thorn or plum, G. iv 145.
Spirare, of the sea, G. i 327.
Springs, sacred, E. i 52, G. iv 319.
Squalere, of uncared-for land, G. i 507; *conchae*, ii 347; *tecta lacerti*, iv 13.
Stabulare, intransitive, G. iii 224.
Stagnare, overflow, G. iv 288.
Stelio, spelling, G. iv 13, 243.
Stimichon, E. v 55.
Stirps, perhaps for *stipes*, G. ii 24; gender, 379.
Stiva, perhaps ploughtail, G. i 174.
Storks, G. ii 320.
Stringere frondes, E. ix 61, G. i 305, ii 368.
Strymon river, its cranes, G. i 120; Orpheus, iv 507.
Studia and mores, G. iv 5; *studium ad bella*, G. iii 179; *studium tueri*, G. i 21, ii 195.
Styx, noviens interfusa, G. iv 480.
Sub armis, G. iii 116.
Subigere, row, G. i 202; dig, ii 50, iii 256.
Suckers, propagation by, G. ii 17.
Sudum ver, G. iv 77.
Suetonius wrote life of Virgil, p. xvii.
Sulcus, G. ii 235, 289.
Sulpicius Apollinaris, p. xc.
Summiltere, E. i 45 *tauros*, G. iii 73, 159.
Super arvorum cultu cano, G. iv 559; besides, ii 373.
Superare (for *superesse*), survive, E. ix 27, G. ii 235, 314, etc.; abound, G. i 189, ii 330.

- Superesse labori*, G. iii 127.
Supini colles, G. ii 276.
Suspendere aratrum, go home, E. ii 66; *tellurem*, G. i 68.
Susus quisque, construction, E. vii 54.
 Swallows, G. i 377, iv 15, 307.
 Swans at Mantua, E. ix 29, G. ii 199.
Syracosis versus, Theocritean, E. vi 1.
 Syrian pears, G. ii 88.
- Tabularia populi*, G. ii 502.
Tabulata, of branches which supported vines, G. ii 361.
 Taburnus, mount, G. ii 38.
Taenariae fauces, to Hell, G. iv 466.
Talpa, masculine, G. i 183.
 Tamarisks, E. iv 2.
Tamen, after all, E. ix 62, x 31.
 Tanager, river, G. iii 151.
 Tanais, river, G. iv 516.
Tantum: procul t., E. i 16; *t. glandis*, iv 81; with adj., 101.
Tardis mora noctibus obstat, G. ii 482.
 Tarentum fertile, G. ii 197, iv 128.
Taurus, for *bos* or *iuvenus*, G. i 45.
 — constellation, G. i 218.
 Taygete, Pleiad, G. iv 232.
 Taygetus, mount, G. ii 488; dogs, iii 44.
 Tegeae Pan, Arcadian, G. i 18.
 Tempe, G. iv 317; of any valley, ii 469.
Temperare, mitigate heat or cold, G. i 110, iii 336; *male sibi temperat unda [a] carinis*, i 360.
Tempestas, weather, G. i 27, 252, etc.
Temptare, hurt, E. i 49; G. iii 441.
Tendere vim et vincula, G. iv 400.
Tenere, shut out, G. ii 371; *ora t.*, iv 483.
Tenuis, subtle, penetrating, *pluviae*, G. i 92; *halitus*, 350; *aguae*, iii 335, iv 140; thin wine, ii 93; humble, *tenui avena*, E. i 2. *Tenuia*, dactyl, G. i 347.
 Terentius Scaurus, p. xc.
Terere, for *tornare*, G. ii 444.
 Tereus and Philomela, E. vi 78.
Terni = *tres*, E. viii 74; *ter centum*, indefinite, G. i 15. Three, magic number, E. viii 78.
Terrae, whole earth, G. i 479; Terra, mother of Giants, 278; *Terrea progenies*, ii 341.
 Tethys, G. i 31.
 Thalea, E. vi 2.
 Thasian vines, G. ii 91.
Thensaurus, spelling, G. iv 229.
 Theocritus copied by Virgil, p. 5.
 Theophrastus copied, G. ii 347.
Thesidae, Athenians, G. ii 383.
 Thestylis, E. ii 10, 43.
- Thetis, E. iv 32 = sea, G. i 399.
 Thracian Orpheus, E. iv 55; Mars, *see* iv 462; tigers, 510.
 Threshing, G. i 178.
Thule serviat ultima, G. i 29.
Thymbra, savory, G. iv 31.
 Thymbraean Apollo, G. iv 323.
 Thyrsis, E. vii.
 Tiber, river, G. i 499; *Tuscus*, iv 368.
 Tigers, G. iv 407; Thracian, 510.
 Tigris, river, E. i 62.
Tilia, G. iv 141.
 Timavus, river, E. viii 6; G. iii 475.
Timere, with dat. of remoter object, E. vi 50.
Tingere Oceano, G. i 246, ii 481.
Tinus, shrub, G. iv 112, 141.
 Tiphys, Argonaut, E. iv 34.
 Tisiphone, G. iii 552.
 Tithonus, of Troy, G. i 447, iii 48.
 Titianus, p. xcvi.
 Tityrus, E. i, iii, v, vi, viii, G. iv 565; identified with Virgil, p. 13; derivation, E. i 1.
 Tmaros, mount, E. viii 44.
 Tmolus, mount: saffron, G. i 56; wine, ii 98.
Tofus, tufa, G. ii 214.
Tollere ad astra, E. v 51; *aulaca*, G. iii 25.
Tondere, reap, G. i 71, etc.; browse, i 15, ii 431, iv 277; pluck flower or leaf, 137; *tonsa oliva*, iii 21.
Torquis, perhaps yoke, G. iii 168.
Tractim susurrat, G. iv 260.
 Tragedy, its origin, G. ii 381.
Trahaeae, G. i 164.
 Trees, G. ii. Propagation, 9-34, artificially, 47-82; species, 83-125; best soil for olive or vine, 177-194; vines and their supporters, 259-419; olives, 420-25; fruit-trees, 426; forest-trees, 429-459.
Triboli, G. i 153.
Tribula, G. i 164.
 Triptolemus. *See* G. i 19.
 Triumphs, G. ii 146, iii 10 foll.
Tros, king of Phrygia, G. iii 36.
 Troy, E. iv 36, G. i 502; built by Apollo and Neptune, iii 36; ancestress of Rome, ii 385.
Trunca pedum, G. iv 310.
Tugurium, E. i 68.
Tum and *tunc*, G. ii 317; *t. denique* for *t. demum*, 369.
Tunica, rind of trees, G. ii 75.
Turpis, uncouth, G. iii 52, iv 395, etc.
Tus, product of a tree, G. ii 117.
 Tuscan Tiber, G. i 499.
Tympana, G. ii 444.

- Typhoeus, G. i 279.
Tyrannus, merely 'ruler,' G. iv 492.
 Tyrian purple, G. iii 17, 307, 506.
 Tyrrhenus, G. ii 193; Tyrrhene sea, 164.
 See Etruria.
- Ullus*, for *ullo molo*, E. x 12.
Ultro, E. viii 53, G. iv 204, 265.
Ulva palustris, G. iii 175.
Uplio, opilio, E. x 19.
 Urbanus, p. lxxxix.
Urus, G. ii 374, iii 532.
Usus, practical experience, G. ii 22; personified, i 115; *uxus olivi*, ii 466; *ad* or *in usum, usus*, iii 313, iv 295.
Ut vidi ut perii, E. viii 42.
Utilis pomis, abl., G. i 150.
- Vaccinium*, plant, E. ii 18, x 39.
Vacuae Acerrae, G. ii 225; *aera per vacuum*, iii 109.
Valli, of vine poles, G. ii 409.
Vannus lacchi, G. i 166.
Variae volucres, diverse, G. i 383.
Varius, E. ix 35; copied viii 89, G. ii 402, 506, iii 253.
 Varro Atacinus copied, G. i 375, ii 404.
 Varus (Alfenus), E. vi Pref. 6, 12, ix 27.
Vates and poeta, E. vii 28, ix 32.
Vector, passenger, E. iv 38.
 Velius Longus, p. lxxxvii.
Venae silicis, G. i 135.
Venenum, merely 'drug,' G. ii 465.
Venire, of a star, E. x 77; not 'become,' G. i 29; grow, 54, ii 11.
Venus, E. iii 68, vii 62 her myrtle, viii 78, ix 47, G. ii 329, iii 267. Passion, 64, 97, 137, 210, iv 199, 515.
Verbena, E. viii 66, G. iv 131.
Verbera, thongs, G. i 309, iii 106.
 Vergilius, G. iv 562. *See* Virgil.
 Veronese Scholia, p. xci.
 Verrius Flaccus, pp. l-liv foll.
Versus: in versum distulit ulmos, G. iv 114.
Vesaeuum iugum, G. ii 224.
Vescae frondes, G. iii 175; *papaver*, iv 131.
 Vesta, G. i 498; fire, iv 384.
Vestigia, footsteps or feet, E. vi 58, G. iii 19, 195.
Via, method, G. ii 122; *secto via limite*, 277; *via mortis*, iii 482.
Viburnum, shrub, E. i 25.
Vincere verbis, G. iii 289; *flamma*, 560.
- Vine, varieties of, G. ii 89 foll.; best soil for vines, 184-194; general treatment, 259-419; vineyards, 298, 377, 522; trained on willows, E. x 40; leaves used to skim must, G. i 269.
 Virgil's life, pp. xvii foll., G. iii 10; ancient biographies, p. xvii; ancient critics and commentators, pp. xxix-c; manuscripts, pp. ci-civ; spelling of his name, p. xviii, G. iv 562.
 — versification, p. 154; imitates, pp. 5, 6, without naming, p. 151. Writers imitated or used in special passages, *see* Eumelus, Hesiod, Lucretius, Nicander, Sophocles, Theophrastus, Varius, Varro.
 — mistakes in imitating Greek, E. viii 42, 59, 102, G. i 277, 375, ii 528.
 — looseness in geography, E. i 62, ii 24, G. i 56; Philippi and Pharsalia 490, ii 465, iv 212, 386, 517.
 — accuracy to nature, G. iv 511; enthusiasm for nature, p. 155; agricultural knowledge probably defective, p. 150.
Virgulta, G. ii 2.
Vis, visne, E. iii 28.
Viscera, connotation, G. iii 559, iv 302.
Vitium aeris, E. vii 57.
Vocare cursibus auras, G. iii 194.
 Volcanus, G. iv 345; fire, i 295.
Volema, G. ii 88.
Volgo, universally, G. iii 363, 494.
Volitare per ora virum, G. iii 9.
 Volsci, *veruti*, G. ii 168.
Volucres fumi, volatile, G. ii 217.
Vomit aedibus, vomitoria, G. ii 462.
- Watering-pots. *See* G. iv 115.
 Willows supporters of vine, E. x 40.
 Wind produces calm, E. ii 26, G. iv 484; prognostics of high wind, G. i 356; impregnation of mares by wind, iii 275.
 Wines, some kinds, G. ii 89-103.
 Wolves, men changed into, E. viii 98; folklore about meeting wolves, ix 54.
- Xantho, nymph, G. iv 336.
- Yew-trees, E. ix 30, G. iv 47.
- Zephyrus, G. i 44, 371, ii 273.
 Zodiac, G. i 231.
 Zones described, G. i 233 foll.

CHISWICK PRESS:—CHARLES WHITTINGHAM AND CO.
TOOKS COURT, CHANCERY LANE, LONDON.





A
CLASSIFIED CATALOGUE
OF
EDUCATIONAL WORKS

PUBLISHED BY

GEORGE BELL & SONS



LONDON: YORK STREET, COVENT GARDEN

NEW YORK: 66, FIFTH AVENUE; AND BOMBAY

CAMBRIDGE: DEIGHTON, BELL & CO.

DECEMBER, 1897

CONTENTS.

	PAGE
GREEK AND LATIN CLASSICS :	
ANNOTATED AND CRITICAL EDITIONS	3
TEXTS	9
TRANSLATIONS	10
GRAMMAR AND COMPOSITION	15
HISTORY, GEOGRAPHY, AND REFERENCE BOOKS, ETC. .	18
MATHEMATICS :	
ARITHMETIC AND ALGEBRA	19
BOOK-KEEPING	20
GEOMETRY AND EUCLID	21
ANALYTICAL GEOMETRY, ETC.	21
TRIGONOMETRY	22
MECHANICS AND NATURAL PHILOSOPHY	22
MODERN LANGUAGES :	
ENGLISH	24
FRENCH CLASS BOOKS	29
FRENCH ANNOTATED EDITIONS	31
GERMAN CLASS BOOKS	31
GERMAN ANNOTATED EDITIONS	32
ITALIAN	34
BELL'S MODERN TRANSLATIONS	34
SCIENCE, TECHNOLOGY, AND ART :	
CHEMISTRY	34
BOTANY	35
GEOLOGY	35
MEDICINE	36
BELL'S AGRICULTURAL SERIES	36
TECHNOLOGICAL HANDBOOKS.	37
MUSIC	37
ART	38
MENTAL, MORAL, AND SOCIAL SCIENCES :	
PSYCHOLOGY AND ETHICS	39
HISTORY OF PHILOSOPHY	40
LAW AND POLITICAL ECONOMY	40
HISTORY	41
DIVINITY, ETC.	42
SUMMARY OF SERIES	45

GREEK AND LATIN CLASSICS.

ANNOTATED AND CRITICAL EDITIONS.

AESCHYLUS. Edited by F. A. PALEY, M.A., LL.D., late Classical Examiner to the University of London. *4th edition, revised.* 8vo, 8s.

— Edited by F. A. PALEY, M.A., LL.D. 6 vols. Fcap. 8vo, 1s. 6d. [*Bib. Class.*
[*Camb. Texts with Notes.*]

Agamemnon.
Choephoroe.
Eumenides.

Persae.
Prometheus Vincitus.
Septem contra Thebas.

ARISTOPHANIS Comoediae quae supersunt cum perditarum fragmentis tertiis curis, recognovit additis adnotatione critica, summariis, descriptione metrica, onomastico lexico HUBERTUS A. HOLDEN, LL.D. [late Fellow of Trinity College, Cambridge]. Demy 8vo.

Vol. I., containing the Text expurgated, with Summaries and Critical Notes, 18s.

The Plays sold separately :

Acharnenses, 2s.
Equites, 1s. 6d.
Nubes, 2s.
Vespae, 2s.
Pax, 2s.

Aves, 2s.
Lysistrata, et Thesmophoriasus-
sac, 4s.
Ranae, 2s.
Plutus, 2s.

Vol. II. Onomasticon Aristophaneum continens indicem geographi-
cum et historicum. 5s. 6d.

— The Plutus. Edited, with Notes, by M. T. QUINN, M.A., Lond. 3s. 6d. [*Pub. Sch. Ser.*]

— The Peace. A revised Text with English Notes and a Preface. By F. A. PALEY, M.A., LL.D. Post 8vo, 2s. 6d. [*Pub. Sch. Ser.*]

— The Acharnians. A revised Text with English Notes and a Preface. By F. A. PALEY, M.A., LL.D. Post 8vo, 2s. 6d. [*Pub. Sch. Ser.*]

— The Frogs. A revised Text with English Notes and a Preface. By F. A. PALEY, M.A., LL.D. Post 8vo, 2s. 6d. [*Pub. Sch. Ser.*]

CAESAR De Bello Gallico. Edited by GEORGE LONG, M.A. *New edition.* Books I.-III., 1s. 6d. ; Books IV. and V., 1s. 6d. ; Books VI. and VII., 1s. 6d. [*Gram. Sch. Class.*]

— De Bello Gallico. Book I. Edited by GEORGE LONG, M.A. With Vocabulary by W. F. R. SHILLETO, M.A. 1s. 6d. [*Lower Form Ser.*]

— De Bello Gallico. Book II. Edited by GEORGE LONG, M.A. With Vocabulary by W. F. R. SHILLETO, M.A. Fcap. 8vo, 1s. 6d. [*Lower Form Ser.*]

— De Bello Gallico. Book III. Edited by GEORGE LONG, M.A. With Vocabulary by W. F. R. SHILLETO, M.A. Fcap. 8vo, 1s. 6d. [*Lower Form Ser.*]

— Seventh Campaign in Gaul. B.C. 52. De Bello Gallico, Lib. VII. Edited with Notes, Excursus, and Table of Idioms, by REV. W. COOK-WORTHY COMPTON, M.A., Head Master of Dover College. With Illustrations from Sketches by E. T. COMPTON, Maps and Plans. *3rd edition.* Crown 8vo, 2s. 6d. net.

“A really admirable class book.”—*Spectator*.

“One of the most original and interesting books which have been published in late years as aids to the study of classical literature. I think

CAESAR—continued.

it gives the student a new idea of the way in which a classical book may be made a living reality."—*Rev. J. E. C. Weldon*, Harrow.

- **Easy Selections from the Helvetian War.** Edited by A. M. M. STEDMAN, M.A. With Introduction, Notes and Vocabulary. 18mo, 1s.

[*Primary Classics.*]

- CALPURNIUS SICULUS and M. AURELIUS OLYMPIUS NEMESIANUS.** The Eclogues, with Introduction, Commentary, and Appendix. By C. H. KEENE, M.A. Crown 8vo, 6s.

- CATULLUS, TIBULLUS, and PROPERTIUS.** Selected Poems. Edited by the REV. A. H. WRATISLAW, late Head Master of Bury St. Edmunds School, and F. N. SUTTON, B.A. With Biographical Notices of the Poets. Fcap. 8vo, 2s. 6d.

[*Gram. Sch. Class.*]

- CICERO'S Orations.** Edited by G. LONG, M.A. 8vo. [Bib. Class.]

Vol. I.—In Verrem. 8s.

Vol. II.—Pro P. Quintio—Pro Sex. Roscio—Pro Q. Roscio—Pro M. Tullio—Pro M. Fonteio—Pro A. Caccina—De Imperio Cn. Pompeii—Pro A. Cluentio—De Lege Agraria—Pro C. Rabirio. 8s.

Vols. III. and IV. *Out of print.*

- **De Senectute, De Amicitia, and Select Epistles.** Edited by GEORGE LONG, M.A. *New edition.* Fcap. 8vo, 3s.

[*Gram. Sch. Class.*]

- **De Amicitia.** Edited by GEORGE LONG, M.A. Fcap. 8vo, 1s. 6d.

[*Camb. Texts with Notes.*]

- **De Senectute.** Edited by GEORGE LONG, M.A. Fcap. 8vo, 1s. 6d.

[*Camb. Texts with Notes.*]

- **Epistolæ Selectæ.** Edited by GEORGE LONG, M.A. Fcap. 8vo, 1s. 6d.

[*Camb. Texts with Notes.*]

- **The Letters to Atticus.** Book I. With Notes, and an Essay on the Character of the Writer. By A. PRETOR, M.A., late of Trinity College, Fellow of St. Catherine's College, Cambridge. 3rd edition. Post 8vo, 4s. 6d.

[*Pub. Sch. Ser.*]

- CORNELIUS NEPOS.** Edited by the late REV. J. F. MACMICHAEL, Head Master of the Grammar School, Ripon. Fcap. 8vo, 2s.

[*Gram. Sch. Class.*]

- DEMOSTHENES.** Edited by R. WHISTON, M.A., late Head Master of Rochester Grammar School. 2 vols. 8vo, 8s. each.

[*Bib. Class.*]

Vol. I.—Olynthiæcs—Philippics—De Pace—Halonnesus—Chersonese—Letter of Philip—Duties of the State—Symmoræ—Rhodians—Megalopolitans—Treaty with Alexander—Crown.

Vol. II.—Embassy—Leptines—Meidias—Androtion—Aristocrates—Timocrates—Aristogeiton.

- **De Falsa Legatione.** By the late R. SHILLETO, M.A., Fellow of St. Peter's College, Cambridge. 8th edition. Post 8vo, 6s.

[*Pub. Sch. Ser.*]

- **The Oration against the Law of Leptines.** With English Notes. By the late B. W. BEATSON, M.A., Fellow of Pembroke College. 3rd edition. Post 8vo, 3s. 6d.

[*Pub. Sch. Ser.*]

- EURIPIDES.** By F. A. PALEY, M.A., LL.D. 3 vols. 2nd edition, revised. 8vo, 8s. each. Vol. I. *Out of print.*

[*Bib. Class.*]

Vol. II.—Preface—Ion—Helena—Andromache—Electra—Bacchæ—Hecuba. 2 Indexes.

Vol. III.—Preface—Hercules Furens—Phœnissæ—Orestes—Iphigenia in Tauris—Iphigenia in Aulide—Cyclops. 2 Indexes.

- EURIPIDES.** *Electra.* Edited, with Introduction and Notes, by C. H. KEENE, M.A., Dublin, Ex-Scholar and Gold Medallist in Classics. Demy 8vo, 10s. 6d.
 — Edited by F. A. PALEY, M.A., LL.D. 13 vols. Fcap. 8vo, 1s. 6d. each.
 [Camb. Texts with Notes.
 Alcestis.
 Medea.
 Hippolytus.
 Hecuba.
 Bacchae.
 Ion (2s.).
 Orestes.
 Phoenissae.
 Troades.
 Hercules Furens.
 Andromache.
 Iphigenia in Tauris.
 Suppliees.
- HERODOTUS.** Edited by REV. J. W. BLAKESLEY, B.D. 2 vols. 8vo, 12s.
 [Bib. Class.
 — Easy Selections from the Persian Wars. Edited by A. G. LIDDELL, M.A. With Introduction, Notes, and Vocabulary. 18mo, 1s. 6d.
 [Primary Classics.
- HESIOD.** Edited by F. A. PALEY, M.A., LL.D. 2nd edition, revised. 8vo, 5s.
 [Bib. Class.
- HOMER.** Edited by F. A. PALEY, M.A., LL.D. 2 vols. 2nd edition, revised. 14s. Vol. II. (Books XIII.-XXIV.) may be had separately. 6s.
 [Bib. Class.
 — *Iliad.* Books I.-XII. Edited by F. A. PALEY, M.A., LL.D. Fcap. 8vo, 4s. 6d.
 Also in 2 Parts. Books I.-VI. 2s. 6d. Books VII.-XII. 2s. 6d.
 [Gram. Sch. Class.
 — *Iliad.* Book I. Edited by F. A. PALEY, M.A., LL.D. Fcap. 8vo, 1s.
 [Camb. Text with Notes.
- HORACE.** Edited by REV. A. J. MACLEANE, M.A. 4th edition, revised by GEORGE LONG. 8vo, 8s.
 [Bib. Class.
 — Edited by A. J. MACLEANE, M.A. With a short Life. Fcap. 8vo, 3s. 6d.
 Or, Part I., Odes, Carmen Seculare, and Epodes, 2s.; Part II., Satires, Epistles, and Art of Poetry, 2s.
 [Gram. Sch. Class.
 — Odes. Book I. Edited by A. J. MACLEANE, M.A. With a Vocabulary by A. H. DENNIS, M.A. Fcap. 8vo, 1s. 6d.
 [Lower Form Ser.
- JUVENAL:** Sixteen Satires (expurgated). By HERMAN PRIOR, M.A., late Scholar of Trinity College, Oxford. Fcap. 8vo, 3s. 6d.
 [Gram. Sch. Class.
- LIVY.** The first five Books, with English Notes. By J. PRENDVILLE. A new edition revised throughout, and the notes in great part re-written, by J. H. FREESE, M.A., late Fellow of St. John's College, Cambridge. Books I. II. III. IV. V. With Maps and Introductions. Fcap. 8vo, 1s. 6d. each.
 — Book VI. Edited by E. S. WEYMOUTH, M.A., Lond., and G. F. HAMILTON, B.A. With Historical Introduction, Life of Livy, Notes, Examination Questions, Dictionary of Proper Names, and Map. Crown 8vo, 2s. 6d.
 — Book XXI. By the REV. L. D. DOWDALL, M.A., late Scholar and University Student of Trinity College, Dublin, B.D., Ch. Ch. Oxon. Post 8vo, 2s.
 [Pub. Sch. Ser.
 — Book XXII. Edited by the REV. L. D. DOWDALL, M.A., B.D. Post 8vo, 2s.
 [Pub. Sch. Ser.

- LIVY. Easy Selections from the Kings of Rome.** Edited by A. M. M. STEDMAN, M.A. With Introduction, Notes, and Vocabulary. 18mo, 1s. 6d. [Primary Class.]
- LUCAN. The Pharsalia.** By C. E. HASKINS, M.A., Fellow of St. John's College, Cambridge, with an Introduction by W. E. HEITLAND, M.A., Fellow and Tutor of St. John's College, Cambridge. 8vo, 14s.
- LUCRETIUS. Titi Lucreti Cari De Rerum Natura Libri Sex.** By the late H. A. J. MUNRO, M.A., Fellow of Trinity College, Cambridge. 4th edition, finally revised. 3 vols. Demy 8vo. Vols. I., II., Introduction, Text, and Notes, 18s. Vol. III., Translation, 6s.
- MARTIAL: Select Epigrams.** Edited by F. A. PALEY, M.A., LL.D., and the late W. H. STONE, Scholar of Trinity College, Cambridge. With a Life of the Poet. Fcap. 8vo, 4s. 6d. [Gram. Sch. Class.]
- OVID: Fasti.** Edited by F. A. PALEY, M.A., LL.D. Second edition. Fcap. 8vo, 3s. 6d. [Gram. Sch. Class.]
Or in 3 vols, 1s. 6d. each [Grammar School Classics], or 2s. each [Camb. Texts with Notes], Books I. and II., Books III. and IV., Books V. and VI.
- Selections from the Amores, Tristia, Heroides, and Metamorphoses. By A. J. MACLEANE, M.A. Fcap. 8vo, 1s. 6d. [Camb. Texts with Notes.]
- Ars Amatoria et Amores. A School Edition. Carefully Revised and Edited, with some Literary Notes, by J. HERBERT WILLIAMS, M.A., late Demy of Magdalen College, Oxford. Fcap. 8vo, 3s. 6d.
- Heroides XIV. Edited, with Introductory Preface and English Notes, by ARTHUR PALMER, M.A., Professor of Latin at Trinity College, Dublin. Demy 8vo, 6s.
- Metamorphoses, Book XIII. A School Edition. With Introduction and Notes, by CHARLES HAINES KEENE, M.A., Dublin, Ex-Scholar and Gold Medallist in Classics. 4th edition. Fcap. 8vo, 2s. 6d.
- Metamorphoses. Book XIV. Edited by C. H. KEENE, M.A. Fcap. 8vo. [In the press.]
- Epistolarum ex Ponto Liber Primus. With Introduction and Notes, by CHARLES HAINES KEENE, M.A. Crown 8vo, 3s.
- PLATO. The Apology of Socrates and Crito.** With Notes, critical and exegetical, by WILHELM WAGNER, PH.D. 12th edition. Post 8vo, 2s. 6d. [Pub. Sch. Ser.]
- Phaedo. With Notes, critical and exegetical, and an Analysis, by WILHELM WAGNER, PH.D. 11th edition. Post 8vo, 5s. 6d. [Pub. Sch. Ser.]
- Protagoras. The Greek Text revised, with an Analysis and English Notes, by W. WAYTE, M.A., Classical Examiner at University College, London. 7th edition. Post 8vo, 4s. 6d. [Pub. Sch. Ser.]
- Euthyphro. With Notes and Introduction by G. H. WELLS, M.A., Scholar of St. John's College, Oxford; Assistant Master at Merchant Taylors' School. 3rd edition. Post 8vo, 3s. [Pub. Sch. Ser.]
- The Republic. Books I. and II. With Notes and Introduction by G. H. WELLS, M.A. 4th edition, with the Introduction re-written. Post 8vo, 5s. [Pub. Sch. Ser.]
- Euthydemus. With Notes and Introduction by G. H. WELLS, M.A. Post 8vo, 4s. [Pub. Sch. Ser.]
- Phaedrus. By the late W. H. THOMPSON, D.D., Master of Trinity College, Cambridge. 8vo, 5s. [Bib. Class.]

- PLATO.** *Gorgias.* By the late W. H. THOMPSON, D.D., Master of Trinity College, Cambridge. *New edition.* 6s. [Pub. Sch. Ser.]
- PLAUTUS.** *Aulularia.* With Notes, critical and exegetical, by W. WAGNER, PH.D. *5th edition.* Post 8vo, 4s. 6d. [Pub. Sch. Ser.]
- *Trinummus.* With Notes, critical and exegetical, by WILHELM WAGNER, PH.D. *5th edition.* Post 8vo, 4s. 6d. [Pub. Sch. Ser.]
- *Menaechmi.* With Notes, critical and exegetical, by WILHELM WAGNER, PH.D. *2nd edition.* Post 8vo, 4s. 6d. [Pub. Sch. Ser.]
- *Mostellaria.* By E. A. SONNENSCHNIG, M.A., Professor of Classics at Mason College, Birmingham. Post 8vo, 5s. [Pub. Sch. Ser.]
- *Captivi.* Abridged and Edited for the Use of Schools. With Introduction and Notes by J. H. FREESE, M.A., formerly Fellow of St. John's College, Cambridge. Fcap. 8vo, 1s. 6d.
- PROPERTIUS.** *Sex. Aurelii Propertii Carmina.* The Elegies of Propertius, with English Notes. By F. A. PALEY, M.A., LL.D. *2nd edition.* 8vo, 5s.
- SALLUST:** *Catilina and Jugurtha.* Edited, with Notes, by the late GEORGE LONG. *New edition, revised,* with the addition of the Chief Fragments of the Histories, by J. G. FRAZER, M.A., Fellow of Trin. Coll., Camb. Fcap. 8vo, 3s. 6d., or separately, 2s. each. [Gram. Sch. Class.]
- SOPHOCLES.** Edited by REV. F. H. BLAYDES, M.A. Vol. I. *Oedipus Tyrannus—Oedipus Coloneus—Antigone.* 8vo, 8s. [Bib. Class.]
- Vol. II. *Philoctetes—Electra—Trachiniai—Ajax.* By F. A. PALEY, M.A., LL.D. 8vo, 6s., or the four Plays separately in limp cloth, 2s. 6d. each.
- *Trachiniai.* With Notes and Prolegomena. By ALFRED PRETOR, M.A., Fellow of St. Catherine's College, Cambridge. Post 8vo, 4s. 6d. [Pub. Sch. Ser.]
- *The Oedipus Tyrannus of Sophocles.* By B. H. KENNEDY, D.D., Regius Professor of Greek and Hon. Fellow of St. John's College, Cambridge. With a Commentary containing a large number of Notes selected from the MS. of the late T. H. STEEL, M.A. Crown 8vo, 8s.
- — A SCHOOL EDITION Post 8vo, 2s. 6d. [Pub. Sch. Ser.]
- Edited by F. A. PALEY, M.A., LL.D. 5 vols. Fcap. 8vo, 1s. 6d. each. [Camb. Texts with Notes.]
- | | | |
|--|--|------------------------------|
| <p>Oedipus Tyrannus.</p> <p>Oedipus Coloneus.</p> <p>Antigone.</p> | \| | <p>Electra.</p> <p>Ajax.</p> |
|--|--|------------------------------|
- TACITUS:** *Germania and Agricola.* Edited by the late REV. P. FROST, late Fellow of St. John's College, Cambridge. Fcap. 8vo, 2s. 6d. [Gram. Sch. Class.]
- *The Germania.* Edited, with Introduction and Notes, by R. F. DAVIS, M.A. Fcap. 8vo, 1s. 6d.
- TERENCE.** With Notes, critical and explanatory, by WILHELM WAGNER, PH.D. *3rd edition.* Post 8vo, 7s. 6d. [Pub. Sch. Ser.]
- Edited by WILHELM WAGNER, PH.D. 4 vols. Fcap. 8vo, 1s. 6d. each. [Camb. Texts with Notes.]
- | | | |
|--------------------------------|--|---|
| <p>Andria.</p> <p>Adelphi.</p> | \| | <p>Hautontimorumenos.</p> <p>Phormio.</p> |
|--------------------------------|--|---|

- THUCYDIDES**, Book VI. By T. W. DOUGAN, M.A., Fellow of St. John's College, Cambridge; Professor of Latin in Queen's College, Belfast. Edited with English notes. Post 8vo, 2s. [Pub. Sch. Ser.]
- **The History of the Peloponnesian War.** With Notes and a careful Collation of the two Cambridge Manuscripts, and of the Aldine and Juntine Editions. By the late RICHARD SHILLETTO, M.A., Fellow of St. Peter's College, Cambridge. 8vo. Book I. 6s. 6d. Book II. 5s. 6d.
- VIRGIL.** By JOHN CONINGTON, M.A., and HENRY NETTLESHIP, late Corpus Professor of Latin at Oxford. 8vo. [Sch. Class.]
- Vol. I. The Bucolics and Georgics, with new Memoir and three Essays on Virgil's Commentators; Text, and Critics. 5th edition, revised by F. HAVERFIELD, M.A. 10s. 6d. [In the press.]
- Vol. II. The Aeneid, Books I.-VI. 4th edition. 10s. 6d.
- Vol. III. The Aeneid, Books VII.-XII. 3rd edition. 10s. 6d.
- Abridged from PROFESSOR CONINGTON'S Edition, by the REV. J. G. SHEPPARD, D.C.L., H. NETTLESHIP, late Corpus Professor of Latin at the University of Oxford, and W. WAGNER, PH.D. 2 vols. Fcap. 8vo, 4s. 6d. each. [Gram. Sch. Class.]
- Vol. I. Bucolics, Georgics, and Aeneid, Books I.-IV.
- Vol. II. Aeneid, Books V.-XII.
- Also the Bucolics and Georgics, in one vol. 3s.
- Or in 9 separate volumes (Grammar School Classics, with Notes at foot of page), price 1s. 6d. each.*
- | | |
|------------------------|------------------------|
| Bucolics. | Aeneid, V. and VI. |
| Georgics, I. and II. | Aeneid, VII. and VIII. |
| Georgics, III. and IV. | Aeneid, IX. and X. |
| Aeneid, I. and II. | Aeneid, XI. and XII. |
| Aeneid, III. and IV. | |
- Or in 12 separate volumes (Cambridge Texts with Notes at end), price 1s. 6d. each.*
- | | |
|--------------------------------|---------------|
| Bucolics. | Aeneid, VII. |
| Georgics, I. and II. | Aeneid, VIII. |
| Georgics, III. and IV. | Aeneid, IX. |
| Aeneid, I. and II. | Aeneid, X. |
| Aeneid, III. and IV. | Aeneid, XI. |
| Aeneid, V. and VI. (price 2s.) | Aeneid, XII. |
- **Aeneid**, Book I. CONINGTON'S Edition abridged. With Vocabulary by W. F. R. SHILLETTO, M.A. Fcap. 8vo, 1s. 6d. [Lower Form Ser.]
- XENOPHON: Anabasis.** With Life, Itinerary, Index, and three Maps. Edited by the late J. F. MACMICHAEL. Revised edition. Fcap. 8vo, 3s. 6d. [Gram. Sch. Class.]
- Or in 4 separate volumes, price 1s. 6d. each.*
- Book I. (with Life, Introduction, Itinerary, and three Maps)—Books II. and III.—Books IV. and V.—Books VI. and VII.
- **Anabasis.** MACMICHAEL'S Edition, revised by J. E. MELHUISE, M.A., Assistant Master of St. Paul's School. In 6 volumes, fcap. 8vo. With Life, Itinerary, and Map to each volume, 1s. 6d. each. [Camb. Texts with Notes.]
- Book I.—Books II. and III.—Book IV.—Book V.—Book VI.—Book VII.

XENOPHON. *Cyropaedia.* Edited by G. M. GORHAM, M.A., late Fellow of Trinity College, Cambridge. *New edition.* Fcap. 8vo, 3s. 6d.

[*Gram. Sch. Class.*

Also Books I. and II., 1s. 6d.; Books V. and VI., 1s. 6d.

— *Memorabilia.* Edited by PERCIVAL FROST, M.A., late Fellow of St. John's College, Cambridge. Fcap. 8vo, 3s.

[*Gram. Sch. Class.*

— **Hellenica.** Book I. Edited by L. D. DOWDALL, M.A., B.D. Fcap. 8vo, 2s.

[*Camb. Texts with Notes.*

— **Hellenica.** Book II. By L. D. DOWDALL, M.A., B.D. Fcap. 8vo, 2s.

[*Camb. Texts with Notes.*

TEXTS.

AESCHYLUS. Ex novissima recensione F. A. PALEY, A.M., LL.D. Fcap. 8vo, 2s.

[*Camb. Texts.*

CAESAR De Bello Gallico. Recognovit G. LONG, A.M. Fcap. 8vo, 1s. 6d.

[*Camb. Texts.*

CATULLUS. A New Text, with Critical Notes and an Introduction, by J. P. POSTGATE, M.A., LITT.D., Fellow of Trinity College, Cambridge, Professor of Comparative Philology at the University of London. Wide fcap. 8vo, 3s.

CICERO De Senectute et de Amicitia, et Epistolae Selectae. Recensuit G. LONG, A.M. Fcap. 8vo, 1s. 6d.

[*Camb. Texts.*

CICERONIS Orationes in Verrem. Ex recensione G. LONG, A.M. Fcap. 8vo, 2s. 6d.

[*Camb. Texts.*

CORPUS POETARUM LATINORUM, a se aliisque denuo recognitorum et brevi lectionum varietate instructorum, edidit JOHANNES PERCIVAL POSTGATE. Tom. I.—Ennius, Lucretius, Catullus, Horatius, Vergilius, Tibullus, Propertius, Ovidius. Large post 4to, 21s. net. Also in 2 Parts, sewed, 9s. each, net.

* To be completed in 4 parts, making 2 volumes.

CORPUS POETARUM LATINORUM. Edited by WALKER. Containing:—Catullus, Lucretius, Virgilius, Tibullus, Propertius, Ovidius, Horatius, Phaedrus, Lucanus, Persius, Juvenalis, Martialis, Sulpicia, Statius, Silius Italicus, Valerius Flaccus, Calpurnius Siculus, Ausonius, and Claudianus. 1 vol. 8vo, cloth, 18s.

EURIPIDES. Ex recensione F. A. PALEY, A.M., LL.D. 3 vols. Fcap. 8vo, 2s. each.

[*Camb. Texts.*

Vol. I.—Rhesus—Medea—Hippolytus—Alcestis—Heraclidae—Supplices—Troades.

Vol. II.—Ion—Helena—Andromache—Electra—Bacchae—Hecuba.

Vol. III.—Hercules Furens—Phoenissae—Orestes—Iphigenia in Tauris—Iphigenia in Aulide—Cyclops.

HERODOTUS. Recensuit J. G. BLAKESLEY, S.T.B. 2 vols. Fcap. 8vo, 2s. 6d. each.

[*Camb. Texts.*

HOMERI ILIAS I.-XII. Ex novissima recensione F. A. PALEY, A.M., LL.D. Fcap. 8vo, 1s. 6d.

[*Camb. Texts.*

HORATIUS. Ex recensione A. J. MACLEANE, A.M. Fcap. 8vo, 1s. 6d.

[*Camb. Texts.*

JUVENAL ET PERSIUS. Ex recensione A. J. MACLEANE, A.M. Fcap. 8vo, 1s. 6d.

[*Camb. Texts.*

LUCRÉTIUS. Recognovit H. A. J. MUNRO, A.M. Fcap. 8vo, 2s.

[*Camb. Texts.*

- PROPERTIUS.** *Sex. Propertii Elegiarum Libri IV.* recensuit A. PALMER, collegii sacrosanctae et individuae Trinitatis juxta Dublinum Socius. Fcap. 8vo, 3s. 6d.
- **Sexti Properti Carmina.** Recognovit JOH. PERCIVAL POSTGATE, Large post 4to, boards, 3s. 6d. net.
- SALLUSTI CRISPI CATILINA ET JUGURTHA,** Recognovit G. LONG, A.M. Fcap. 8vo, 1s. 6d. [Camb. Texts.]
- SOPHOCLES.** Ex recensione F. A. PALEY, A.M., LL.D. Fcap. 8vo, 2s. 6d. [Camb. Texts.]
- TERENTI COMOEDIAE.** GUL. WAGNER relegit et emendavit. Fcap. 8vo, 2s. [Camb. Texts.]
- THUCYDIDES.** Recensuit J. G. DONALDSON, S.T.P. 2 vols. Fcap. 8vo, 2s. each. [Camb. Texts.]
- VERGILIUS.** Ex recensione J. CONINGTON, A.M. Fcap. 8vo, 2s. [Camb. Texts.]
- XENOPHONTIS EXPEDITIO CYRI.** Recensuit J. F. MACMICHAEL. A.B. Fcap. 8vo, 1s. 6d. [Camb. Texts.]

TRANSLATIONS.

- AESCHYLUS, The Tragedies of.** Translated into English verse by ANNA SWANWICK. 4th edition revised. Small post 8vo, 5s.
- **The Tragedies of.** Literally translated into Prose, by T. A. BUCKLEY, B.A. Small post 8vo, 3s. 6d.
- **The Tragedies of.** Translated by WALTER HEADLAM, M.A., Fellow of King's College, Cambridge. [Preparing.]
- ANTONINUS (M. Aurelius), The Thoughts of.** Translated by GEORGE LONG, M.A. Revised edition. Small post 8vo, 3s. 6d. Fine paper edition on handmade paper. Pott 8vo, 6s.
- APOLLONIUS RHODIUS.** The Argonautica. Translated by E. P. COLERIDGE, M.A. Small post 8vo, 5s.
- AMMIANUS MARCELLINUS.** History of Rome during the Reigns of Constantius, Julian, Jovianus, Valentinian, and Valens. Translated by PROF. C. D. YONGE, M.A. With a complete Index. Small post 8vo, 7s. 6d.
- ARISTOPHANES, The Comedies of.** Literally translated by W. J. HICKIE. With Portrait. 2 vols. Small post 8vo, 5s. each.
- Vol. I.—Acharnians, Knights, Clouds, Wasps, Peace, and Birds.
- Vol. II.—Lysistrata, Thesmophoriazusae, Frogs, Ecclesiazusae, and Plutus.
- **The Acharnians.** Translated by W. H. COVINGTON, B.A. With Memoir and Introduction. Crown 8vo, sewed, 1s.
- **The Plutus.** Translated by M. T. QUINN, M.A., Lond. Cr. 8vo, sewed, 1s.
- ARISTOTLE on the Athenian Constitution.** Translated, with Notes and Introduction, by F. G. KENYON, M.A., Fellow of Magdalen College, Oxford. Pott 8vo, printed on handmade paper. 2nd edition. 4s. 6d.
- **History of Animals.** Translated by RICHARD CRESSWELL, M.A. Small post 8vo, 5s.
- **Organon** : or, Logical Treatises, and the Introduction of Porphyry. With Notes, Analysis, Introduction, and Index, by the REV. O. F. OWEN, M.A. 2 vols. Small post 8vo, 3s. 6d. each.

- ARISTOTLE. Rhetoric and Poetics.** Literally Translated, with Hobbes' Analysis, &c., by T. BUCKLEY, B.A. Small post 8vo, 5s.
- **Nicomachean Ethics.** Literally Translated, with Notes, an Analytical Introduction, &c., by the Venerable ARCHDEACON BROWNE, late Classical Professor of King's College. Small post 8vo, 5s.
- **Politics and Economics.** Translated, with Notes, Analyses, and Index, by E. WALFORD, M.A., and an Introductory Essay and a Life by DR. GILLIES. Small post 8vo, 5s.
- **Metaphysics.** Literally Translated, with Notes, Analysis, &c., by the REV. JOHN H. M'MAHON, M.A. Small post 8vo, 5s.
- ARRIAN. Anabasis of Alexander,** together with the *Indica*. Translated by E. J. CHINNOCK, M.A., LL.D. With Introduction, Notes, Maps, and Plans. Small post 8vo, 5s.
- CAESAR. Commentaries on the Gallic and Civil Wars,** with the Supplementary Books attributed to Hirtius, including the complete Alexandrian, African, and Spanish Wars. Translated by W. A. M'DEVITTE, B.A. Small post 8vo, 5s.
- **Gallic War.** Translated by W. A. M'DEVITTE, B.A. 2 vols., with Memoir and Map. Crown 8vo, sewed. Books I. to IV., Books V. to VII., 1s. each.
- CALPURNIUS SICULUS, The Eclogues of.** The Latin Text, with English Translation by E. J. L. SCOTT, M.A. Crown 8vo, 3s. 6d.
- CATULLUS, TIBULLUS, and the Vigil of Venus.** Prose Translation. Small post 8vo, 5s.
- CICERO, The Orations of.** Translated by PROF. C. D. YONGE, M.A. With Index. 4 vols. Small post 8vo, 5s. each.
- **On Oratory and Orators.** With Letters to Quintus and Brutus. Translated by the REV. J. S. WATSON, M.A. Small post 8vo, 5s.
- **On the Nature of the Gods.** Divination, Fate, Laws, a Republic, Consulship. Translated by PROF. C. D. YONGE, M.A., and FRANCIS BARHAM. Small post 8vo, 5s.
- **Academics, De Finibus, and Tusculan Questions.** By PROF. C. D. YONGE, M.A. Small post 8vo, 5s.
- **Offices; or, Moral Duties.** Cato Major, an Essay on Old Age; Laelius, an Essay on Friendship; Scipio's Dream; Paradoxes; Letter to Quintus on Magistrates. Translated by C. R. EDMONDS. *With Portrait*, 3s. 6d.
- **Old Age and Friendship.** Translated, with Memoir and Notes, by G. H. WELLS, M.A. Crown 8vo, sewed, 1s.
- DEMOSTHENES, The Orations of.** Translated, with Notes, Arguments, a Chronological Abstract, Appendices, and Index, by C. RANN KENNEDY. 5 vols. Small post 8vo.
- Vol. I.—The Olynthiacs, Philippics. 3s. 6d.
- Vol. II.—On the Crown and on the Embassy. 5s.
- Vol. III.—Against Leptines, Midias, Androtion, and Aristocrates. 5s.
- Vols. IV. and V.—Private and Miscellaneous Orations. 5s. each.
- **On the Crown.** Translated by C. RANN KENNEDY. Crown 8vo, sewed, 1s.
- DIOGENES LAERTIUS.** Translated by PROF. C. D. YONGE, M.A. Small post 8vo, 5s.
- EPICTETUS, The Discourses of.** With the *Encheiridion* and Fragments. Translated by GEORGE LONG, M.A. Small post 8vo, 5s. Fine Paper Edition, 2 vols. Pott 8vo, 10s. 6d.

- EURIPIDES.** A Prose Translation, from the Text of Paley. By E. P. COLERIDGE, M.A. 2 vols., 5s. each.
 Vol. I.—Rhesus, Medea, Hippolytus, Alcestis, Heraclidæ, Supplices, Troades, Ion, Helena.
 Vol. II.—Andromache, Electra, Bacchæ, Hecuba, Hercules Furens, Phoenissæ, Orestes, Iphigenia in Tauris, Iphigenia in Aulis, Cyclops.
 * * The plays separately (except Rhe-us, Helena, Electra, Iphigenia in Aulis, and Cyclops). Crown 8vo, sewed, 1s. each.
 — Translated from the Text of Dindorf. By T. A. BUCKLEY, B.A. 2 vols. small post 8vo, 5s. each.
- GREEK ANTHOLOGY.** Translated by GEORGE BURGESS, M.A. Small post 8vo, 5s.
- HERODOTUS.** Translated by the REV. HENRY CARY, M.A. Small post 8vo, 3s. 6d.
 — Analysis and Summary of. By J. T. WHEELER. Small post 8vo, 5s.
- HESIOD, CALLIMACHUS, and THEOGNIS.** Translated by the REV. J. BANKS, M.A. Small post 8vo, 5s.
- HOMER.** The Iliad. Translated by T. A. BUCKLEY, B.A. Small post 8vo, 5s.
 — The Odyssey, Hymns, Epigrams, and Battle of the Frogs and Mice. Translated by T. A. BUCKLEY, B.A. Small post 8vo, 5s.
 — The Iliad. Books I.-IV. Translated into English Hexameter Verse, by HENRY SMITH WRIGHT, B.A., late Scholar of Trinity College, Cambridge. Medium 8vo, 5s.
- HORACE.** A New Prose Translation by A. HAMILTON BRYCE, LL.D. With Memoir and Introduction. Small post 8vo. 3s. 6d.
 Also in 4 vols., crown 8vo, sewed, 1s. each.
 Odes. I. and II. Satires.
 Odes. III. and IV., with the Carmen Seculare Epistles and Ars Poetica.
 and Epodes.
- Translated by Smart. *Revised edition.* By T. A. BUCKLEY, B.A. Small post 8vo, 3s. 6d.
 — The Odes and Carmen Saeculare. Translated into English Verse by the late JOHN CONINGTON, M.A., Corpus Professor of Latin in the University of Oxford. 11th edition. Fcap. 8vo. 3s. 6d.
 — The Satires and Epistles. Translated into English Verse by PROF. JOHN CONINGTON, M.A. 8th edition. Fcap. 8vo, 3s. 6d.
 — Odes and Epodes. Translated by SIR STEPHEN E. DE VERE, BART. 3rd edition, enlarged. Imperial 16mo. 7s. 6d. net.
- ISOCRATES, The Orations of.** Translated by J. H. FREESE, M.A., late Fellow of St. John's College, Cambridge, with Introductions and Notes. Vol. I. Small post 8vo, 5s.
- JUSTIN, CORNELIUS NEPOS, and EUTROPIUS.** Translated by the REV. J. S. WATSON, M.A. Small post 8vo, 5s.
- JUVENAL, PERSIUS, SULPICIA, and LUCILIUS.** Translated by L. EVANS, M.A. Small post 8vo, 5s.
- LIVY.** The History of Rome. Translated by DR. SPILLAN, C. EDMONDS, and others. 4 vols. small post 8vo, 5s. each.
 — Books I., II., III., IV. A Revised Translation by J. H. FREESE, M.A., late Fellow of St. John's College, Cambridge. With Memoir, and Maps. 4 vols., crown 8vo, sewed, 1s. each.

- LIVY.** Book V. and Book VI. A Revised Translation by E. S. WEYMOUTH, M.A., Lond. With Memoir, and Maps. Crown 8vo, sewed, 1s. each.
 — Book IX. Translated by FRANCIS STORR, B.A. With Memoir. Crown 8vo, sewed, 1s.
- LUCAN.** *The Pharsalia.* Translated into Prose by H. T. RILEY, M.A. Small post 8vo, 5s.
 — *The Pharsalia.* Book I. Translated by FREDERICK CONWAY, M.A. With Memoir and Introduction. Crown 8vo, sewed, 1s.
- LUCIAN'S Dialogues of the Gods, of the Sea-Gods, and of the Dead.** Translated by HOWARD WILLIAMS, M.A. Small post 8vo, 5s.
- LUCRETIUS.** Translated by the REV. J. S. WATSON, M.A. Small post 8vo, 5s.
 — Literally trans. by the late H. A. J. MUNRO, M.A. 4th edition. Demy 8vo, 6s.
- MARTIAL'S Epigrams,** complete. Literally translated into Prose, with the addition of Verse Translations selected from the Works of English Poets, and other sources. Small post 8vo, 7s. 6d.
- OVID, The Works of.** Translated. 3 vols. Small post 8vo, 5s. each.
 Vol. I.—Fasti, Tristia, Pontic Epistles, Ibis, and Halieuticon.
 Vol. II.—Metamorphoses. *With Frontispiece.*
 Vol. III.—Heroides, Amours, Art of Love, Remedy of Love, and Minor Pieces. *With Frontispiece.*
- *Fasti.* Translated by H. T. RILEY, M.A. 3 vols. Crown 8vo, sewed, 1s. each.
 — *Tristia.* Translated by H. T. RILEY, M.A. Crown 8vo, sewed, 1s.
- PINDAR.** Translated by DAWSON W. TURNER. Small post 8vo, 5s.
- PLATO. Gorgias.** Translated by the late E. M. COPE, M.A., Fellow of Trinity College. 2nd edition. 8vo, 7s.
 — *Philebus.* Translated by F. A. PALEY, M.A., LL.D. Small 8vo, 4s.
 — *Theaetetus.* Translated by F. A. PALEY, M.A., LL.D. Small 8vo, 4s.
 — *The Works of.* Translated, with Introduction and Notes. 6 vols. Small post 8vo, 5s. each.
 Vol. I.—The Apology of Socrates—Crito—Phaedo—Gorgias—Protagoras—Phaedrus—Theaetetus—Eutyphron—Lysis. Translated by the REV. H. CARY.
 Vol. II.—The Republic—Timaeus—Critias. Trans. by HENRY DAVIS.
 Vol. III.—Meno—Euthydemus—The Sophist—Statesman—Cratylus—Parmenides—The Banquet. Translated by G. BURGESS.
 Vol. IV.—Philebus—Charmides—Laches—Menexenus—Hippias—Ion—The Two Alcibiades—Theages—Rivals—Hipparchus—Minos—Climachus—Epistles. Translated by G. BURGESS.
 Vol. V.—The Laws. Translated by G. BURGESS.
 Vol. VI.—The Doubtful Works. Edited by G. BURGESS. With General Index to the six volumes.
- *Apology, Crito, Phaedo, and Protagoras.* Translated by the REV. H. CARY. Small post 8vo, sewed, 1s., cloth, 1s. 6d.
- *Dialogues.* A Summary and Analysis of. With Analytical Index, giving references to the Greek text of modern editions and to the above translations. By A. DAY, LL.D. Small post 8vo, 5s.
- PLAUTUS, The Comedies of.** Translated by H. T. RILEY, M.A. 2 vols. Small post 8vo, 5s. each.
 Vol. I.—Triummus—Miles Gloriosus—Bacchides—Stichus—Pseudolus—Menaechmi—Aulularia—Captivi—Asinaria—Curculio.
 Vol. II.—Amphitryon—Rudens—Mercator—Cistellaria—Truculentus—Persa—Casina—Poenulus—Epidicus—Mostellaria—Fragments.

- PLAUTUS.** *Trinummus, Menaechmei, Aulularia, and Captivi.* Translated by H. T. RILEY, M.A. Small post 8vo, sewed, 1s., cloth, 1s. 6d.
- PLINY.** *The Letters of Pliny the Younger.* Melmoth's Translation, revised, by the REV. F. C. T. BOSANQUET, M.A. Small post 8vo, 5s.
- PLUTARCH.** *Lives.* Translated by A. STEWART, M.A., late Fellow of Trinity College, Cambridge, and GEORGE LONG, M.A. 4 vols. small post 8vo, 3s. 6d. each.
- *Morals.* *Theosophical Essays.* Translated by C. W. KING, M.A., late Fellow of Trinity College, Cambridge. Small post 8vo, 5s.
- *Morals.* *Ethical Essays.* Translated by the REV. A. R. SHILLETO, M.A. Small post 8vo, 5s.
- PROPERTIUS.** Translated by REV. P. J. F. GANTILLON, M.A., and accompanied by Poetical Versions, from various sources. Sm. post 8vo, 3s. 6d.
- PRUDENTIUS.** *Lives.* Translations from. A Selection from his Works, with a Translation into English Verse, and an Introduction and Notes, by FRANCIS ST. JOHN THACKERAY, M.A., F.S.A., Vicar of Mapledurham, formerly Fellow of Lincoln College, Oxford, and Assistant-Master at Eton. Wide post 8vo, 7s. 6d.
- QUINTILIAN:** *Institutes of Oratory, or, Education of an Orator.* Trans. by the REV. J. S. WATSON, M.A. 2 vols. small post 8vo, 5s. each.
- SALLUST, FLORUS, and VELLEIUS PATERCULUS.** Translated by J. S. WATSON, M.A. Small post 8vo, 5s.
- SENECA:** *On Benefits.* Translated by A. STEWART, M.A., late Fellow of Trinity College, Cambridge. Small post 8vo, 3s. 6d.
- *Minor Essays and On Clemency.* Translated by A. STEWART, M.A. Small post 8vo, 5s.
- SOPHOCLES.** Translated, with Memoir, Notes, etc., by E. P. COLERIDGE, M.A. Small post 8vo, 5s.
- Or the plays separately, crown 8vo, sewed, 1s. each.
- *The Tragedies of.* The Oxford Translation, with Notes, Arguments, and Introduction. Small post 8vo, 5s.
- *The Dramas of.* Rendered in English Verse, Dramatic and Lyric, by SIR GEORGE YOUNG, BART., M.A., formerly Fellow of Trinity College, Cambridge. 8vo, 12s. 6d.
- *The Œdipus Tyrannus.* Translated into English Prose. By PROF. H. H. KENNEDY. Crown 8vo, in paper wrapper, 1s.
- SUETONIUS.** *Lives of the Twelve Caesars and Lives of the Grammarians.* Thomson's revised Translation, by T. FORESTER. Small post 8vo, 5s.
- TACITUS,** *The Works of.* Translated, with Notes and Index 2 vols. Small post 8vo, 5s. each.
- Vol. I.—*The Annals.*
- Vol. II.—*The History, Germania, Agricola, Oratory, and Index.*
- TERENCE and PHAEDRUS.** Translated by H. T. RILEY, M.A. Small post 8vo, 5s.
- THEOCRITUS, BION, MOSCHUS, and TYRTAEUS.** Translated by the REV. J. BANKS, M.A. Small post 8vo, 5s.
- THEOCRITUS.** Translated into English Verse by C. S. CALVERLEY, M.A., late Fellow of Christ's College, Cambridge. *New edition.* Crown 8vo, 5s.

- THUCYDIDES. The Peloponnesian War.** Translated by the REV. H. DALE. *With Portrait.* 2 vols., 3s. 6d. each.
 — **Analysis and Summary of.** By J. T. WHEELER. Small post 8vo, 5s.
VIRGIL. Translated by A. HAMILTON BRYCE, LL.D. With Memoir and Introduction. Small post 8vo, 3s. 6d.
 Also in 6 vols., crown 8vo, sewed, 1s. each.
 Georgics. | **Æneid IV.-VI.**
 Bucolics. | **Æneid VII.-IX.**
 Æneid I.-III. | **Æneid X.-XII.**
XENOPHON. The Works of. In 3 vols. Small post 8vo, 5s. each.
 Vol. I.—The Anabasis, and Memorabilia. Translated by the REV. J. S. WATSON, M.A. With a Geographical Commentary, by W. F. AINSWORTH, F.S.A., F.R.G.S., etc.
 Vol. II.—Cyropaedia and Hellenics. Translated by the REV. J. S. WATSON, M.A., and the REV. H. DALE.
 Vol. III.—The Minor Works. Translated by the REV. J. S. WATSON, M.A.
 — **Anabasis.** Translated by the REV. J. S. WATSON, M.A. With Memoir and Map. 3 vols.
 — **Hellenics.** Books I. and II. Translated by the REV. H. DALE, M.A. With Memoir.

- SABRINAE COROLLA** In Hortulis Regiae Scholae Salopiensis con-
 texerunt tres viri floribus legendis. *4th edition, revised and re-arranged.*
 By the late BENJAMIN HALL KENNEDY, D.D., Regius Professor of Greek
 at the University of Cambridge. Large post 8vo, 10s. 6d.
SERTUM CARTHUSIANUM Floribus trium Saeculorum Contextum.
 Cura GULIELMI HAIG BROWN, Scholae Carthusianae Archididascali.
 Demy 8vo, 5s.
TRANSLATIONS into English and Latin. By C. S. CALVERLEY, M.A.,
 late Fellow of Christ's College, Cambridge. *4th edition.* Crown 8vo, 5s.
TRANSLATIONS from and into the Latin, Greek and English. By
 R. C. JEBB, LITT.D., M.P., Regius Professor of Greek in the University of
 Cambridge, H. JACKSON, M.A., LITT.D., Fellows of Trinity College, Cam-
 bridge, and W. E. CURREY, M.A., formerly Fellow of Trinity College,
 Cambridge. Crown 8vo. *3rd edition.* 5s.

GRAMMAR AND COMPOSITION.

- BADDELEY. Auxilia Latina.** A Series of Progressive Latin Exercises.
 By M. J. B. BADDELEY, M.A. Fcap. 8vo. Part I., Accidence. *5th*
edition. 2s. Part II. *5th edition.* 2s. Key to Part II. 2s. 6d.
BAIRD. Greek Verbs. A Catalogue of Verbs, Irregular and Defective;
 their leading formations, tenses in use, and dialectic inflexions, with a
 copious Appendix, containing Paradigms for conjugation, Rules for
 formation of tenses, &c., &c. By J. S. BAIRD, T.C.D. *New edition, re-*
vised. 2s. 6d.
 — **Homeric Dialect. Its Leading Forms and Peculiarities.** By J. S. BAIRD,
 T.C.D. *New edition, revised.* By the REV. W. GUNION RUTHERFORD,
 M.A., LL.D., Head Master at Westminster School. 1s.

- BAKER.** Latin Prose for London Students. By ARTHUR BAKER, M.A., Classical Master, Independent College, Taunton. Fcap. 8vo, 2s.
- BARRY.** Notes on Greek Accents. By the RIGHT REV. A. BARRY, D.D. *New edition, re-written.* 1s.
- CHURCH.** Latin Prose Lessons. By A. J. CHURCH, M.A., Professor of Latin at University College, London. *9th edition.* Fcap. 8vo, 2s. 6d.
- CLAPIN.** Latin Primer. By the REV. A. C. CLAPIN, M.A., Assistant Master at Sherborne School. *4th edition.* Fcap. 8vo, 1s.
- COLERIDGE.** Res Romanae. Being aids to the History, Geology, Archaeology, and Literature of Ancient Rome, for less advanced Scholars. By E. P. COLERIDGE, M.A. With 3 maps. *2nd edition.* Crown 8vo. 2s. 6d.
- Res Graecae. Being aids to the study of the History, Geography, Archaeology, and Literature of Ancient Athens. By E. P. COLERIDGE, M.A. *[In the press.]*
- COLLINS.** Latin Exercises and Grammar Papers. By T. COLLINS, M.A., Head Master of the Latin School, Newport, Salop. *8th edition.* Fcap. 8vo, 2s. 6d.
- Unseen Papers in Latin Prose and Verse. With Examination Questions. *7th edition.* Fcap. 8vo, 2s. 6d.
- Unseen Papers in Greek Prose and Verse. With Examination Questions. *5th edition.* Fcap. 8vo, 3s.
- Easy Translations from Nepos, Caesar, Cicero, Livy, &c., for Retranslation into Latin. With Notes. 2s.
- COMPTON.** Rudiments of Attic Construction and Idiom. An Introduction to Greek Syntax for Beginners who have acquired some knowledge of Latin. By the REV. W. COOKWORTHY COMPTON, M.A., Head Master of Dover College. Crown 8vo, 3s.
- FROST.** Eclogae Latinae; or, First Latin Reading Book. With Notes and Vocabulary by the late REV. P. FROST, M.A. Fcap. 8vo, 1s. 6d.
- Analecta Graeca Minora. With Notes and Dictionary. *New edition.* Fcap. 8vo, 2s.
- Materials for Latin Prose Composition. By the late REV. P. FROST, M.A. *New edition.* Fcap. 8vo, 2s. Key. 4s. net.
- A Latin Verse Book. *New edition.* Fcap. 8vo, 2s. Key. 5s. net.
- Materials for Greek Prose Composition. *New edition.* Fcap. 8vo, 2s. 6d. Key. 5s. net.
- Greek Accidence. *New edition.* 1s.
- Latin Accidence. 1s.
- HARKNESS.** A Latin Grammar. By ALBERT HARKNESS. Post 8vo, 6s.
- KEY.** A Latin Grammar. By the late T. H. KEY, M.A., F.R.S. *6th thousand.* Post 8vo, 8s.
- A Short Latin Grammar for Schools. *16th edition.* Post 8vo, 3s. 6d.
- HOLDEN.** Foliorum Silvula. Part I. Passages for Translation into Latin Elegiac and Heroic Verse. By H. A. HOLDEN, LL.D. *11th edition.* Post 8vo, 7s. 6d.
- Foliorum Silvula. Part II. Select Passages for Translation into Latin Lyric and Comic Iambic Verse. *3rd edition.* Post 8vo, 5s.
- Foliorum Centuria. Select Passages for Translation into Latin and Greek Prose. *10th edition.* Post 8vo, 8s.
- JEBB, JACKSON, and CURREY.** Extracts for Translation in Greek, Latin, and English. By R. C. JEBB, LITT.D., M.P., Regius Pro-

- JEBB, JACKSON, and CURREY**—*continued.*
 fessor of Greek in the University of Cambridge; H. JACKSON, LITT.D.,
 Fellow of Trinity College, Cambridge; and W. E. CURREY, M.A., late
 Fellow of Trinity College, Cambridge. Crown 8vo, 2s. 6d.
- Latin Syntax, Principles of.** 1s.
Latin Versification. 1s.
- MASON.** Analytical Latin Exercises By C. P. MASON, B.A. 4th
edition. Part I., 1s. 6d. Part II., 2s. 6d.
 — **The Analysis of Sentences Applied to Latin.** Post 8vo, 1s. 6d.
- NETTLESHIP.** Passages for Translation into Latin Prose. Pre-
 ceded by Essays on:—I. Political and Social Ideas. II. Range of Meta-
 phorical Expression. III. Historical Development of Latin Prose Style
 in Antiquity. IV. Cautions as to Orthography. By H. NETTLESHIP,
 M.A., late Corpus Professor of Latin in the University of Oxford. Crown
 8vo, 3s. A Key, 4s. 6d. net.
- Notabilia Quaedam; or the Principal Tenses of most of the Irregular**
Greek Verbs, and Elementary Greek, Latin, and French Constructions.
New edition. 1s.
- PALEY.** Greek Particles and their Combinations according to Attic
 Usage. A Short Treatise. By F. A. PALEY, M.A., LL.D. 2s. 6d.
- PENROSE.** Latin Elegiac Verse, Easy Exercises in. By the REV. J.
 PENROSE. *New edition.* 2s. (Key, 3s. 6d. net.)
- PRESTON.** Greek Verse Composition. By G. PRESTON, M.A. 5th
edition. Crown 8vo, 4s. 6d.
- PRUEN.** Latin Examination Papers. Comprising Lower, Middle, and
 Upper School Papers, and a number of the Woolwich and Sandhurst
 Standards. By G. G. PRUEN, M.A., Senior Classical Master in the Modern
 Department, Cheltenham College. Crown 8vo, 2s. 6d.
- SEAGER.** Faciliora. An Elementary Latin Book on a New Principle.
 By the REV. J. L. SEAGER, M.A. 2s. 6d.
- STEDMAN (A. M. M.).** First Latin Lessons. By A. M. M. STEDMAN,
 M.A., Wadham College, Oxford. 3rd *edition.* Crown 8vo, 2s.
 — **Initia Latina.** Easy Lessons on Elementary Accidence. 2nd *edition.*
 Fcap. 8vo, 1s.
 — **First Latin Reader.** With Notes adapted to the Shorter Latin Primer
 and Vocabulary. 3rd *edition.* Crown 8vo, 1s. 6d.
 — **Easy Latin Passages for Unseen Translation.** 3rd and enlarged
edition. Fcap. 8vo, 1s. 6d.
 — **Exempla Latina.** First Exercises in Latin Accidence. With Vocabu-
 lary. Crown 8vo, 1s.
 — **The Latin Compound Sentence; Rules and Exercises.** Crown 8vo,
 1s. 6d. With Vocabulary, 2s.
 — **Easy Latin Exercises on the Syntax of the Shorter and Revised Latin**
Primers. With Vocabulary. 6th *edition.* Crown 8vo, 2s. 6d.
 — **Latin Examination Papers in Miscellaneous Grammar and Idioms.**
 5th *edition.* 2s. 6d. Key (for Tutors only). 2nd *edition.* 6s. net.
 — **Notanda Quaedam.** Miscellaneous Latin Exercises. On Common
 Rules and Idioms. 3rd *edition.* Fcap. 8vo, 1s. 6d. With Vocabulary, 2s.
 — **Latin Vocabularies for Repetition.** Arranged according to Subjects.
 5th *edition.* Fcap. 8vo, 1s. 6d.
 — **Steps to Greek.** 12mo, 1s.
 — **Easy Greek Passages for Unseen Translation.** Fcap. 8vo, 1s. 6d.
 — **Easy Greek Exercises on Elementary Syntax.** [In preparation.]

- STEDMAN (A. M. M.).** Greek Vocabularies for Repetition. *2nd edition.* Fcap. 8vo, 1s. 6d.
- Greek Testament Selections for the Use of Schools. *3rd edition.* With Introduction, Notes, and Vocabulary. Fcap. 8vo, 2s. 6d.
- Greek Examination Papers in Miscellaneous Grammar and Idioms. *3rd edition.* 2s. 6d. Key (for Tutors only), 6s. net.
- THACKERAY.** Anthologia Graeca. A Selection of Greek Poetry, with Notes. By F. ST. JOHN THACKERAY. *6th edition.* 16mo, 4s. 6d.
- Anthologia Latina. A Selection of Latin Poetry, from Naevius to Boëthius, with Notes. By REV. F. ST. JOHN THACKERAY. *7th edition.* 16mo, 4s. 6d.
- Hints and Cautions on Attic Greek Prose Composition. Crown 8vo, 3s. 6d.
- Exercises on the Irregular and Defective Greek Verbs. 1s. 6d.
- WELLS.** Tales for Latin Prose Composition. With Notes and Vocabulary. By G. H. WELLS, M.A., Assistant Master at Merchant Taylor's School. Fcap. 8vo, 2s.

HISTORY, GEOGRAPHY, AND REFERENCE BOOKS, ETC.

- TEUFFEL'S** History of Roman Literature. *5th edition,* revised by DR. SCHWABE, translated by PROFESSOR G. C. W. WARR, M.A., King's College, London. Medium 8vo. 2 vols. 30s. Vol. I. (The Republican Period), 15s. Vol. II. (The Imperial Period), 15s.
- KEIGHTLEY'S** Mythology of Ancient Greece and Italy. *4th edition,* revised by the late LEONHARD SCHMITZ, PH.D., LL.D., Classical Examiner to the University of London. With 12 Plates. Small post 8vo, 5s.
- DONALDSON'S** Theatre of the Greeks. *10th edition.* Small post 8vo, 5s.
- DICTIONARY OF LATIN AND GREEK QUOTATIONS;** including Proverbs, Maxims, Mottoes, Law Terms and Phrases. With all the Quantities marked, and English Translations. With Index Verborum. Small post 8vo, 5s.
- PAUSANIAS' Description of Greece.** Newly translated, with Notes and Index, by A. R. SHILLETTO, M.A. 2 vols. Small post 8vo, 5s. each.
- STRABO'S Geography.** Translated by W. FALCONER, M.A., and H. C. HAMILTON. 3 vols. Small post 8vo, 5s. each.
- AN ATLAS OF CLASSICAL GEOGRAPHY.** By W. HUGHES and G. LONG, M.A. Containing Ten selected Maps. Imp. 8vo, 3s.
- AN ATLAS OF CLASSICAL GEOGRAPHY.** Twenty-four Maps by W. HUGHES and GEORGE LONG, M.A. With coloured outlines. Imperial 8vo, 6s.
- ATLAS OF CLASSICAL GEOGRAPHY.** 22 large Coloured Maps. With a complete Index. Imp. 8vo, chiefly engraved by the Messrs. Walker. 7s. 6d.

MATHEMATICS.

ARITHMETIC AND ALGEBRA.

- BARRACLOUGH (T.).** The Eclipse Mental Arithmetic. By **TITUS BARRACLOUGH**, Board School, Halifax. Standards I., II., and III., sewed, 6d.; Standards II., III., and IV., sewed, 6d. net; Book III., Part A, sewed, 4d.; Book III., Part B, cloth, 1s. 6d.
- BEARD (W. S.).** Graduated Exercises in Addition (Simple and Compound). For Candidates for Commercial Certificates and Civil Service appointments. By **W. S. BEARD**, F.R.G.S., Head Master of the Modern School, Fareham. 3rd edition. Fcap. 4to, 1s.
- See **PENDLEBURY**.
- ELSEE (C.).** Arithmetic. By the **REV. C. ELSEE**, M.A., late Fellow of St. John's College, Cambridge, Senior Mathematical Master at Rugby School. 15th edition. Fcap. 8vo, 3s. 6d. [*Camb. School and College Texts.*]
- Algebra. By the **REV. C. ELSEE**, M.A. 8th edition. Fcap. 8vo, 4s. [*Camb. S. and C. Texts.*]
- FILIPOWSKI (H. E.).** Anti-Logarithms, A Table of. By **H. E. FILIPOWSKI**. 3rd edition. 8vo, 1s.
- GOUDIE (W. P.).** See **Watson**.
- HATHORNTHWAITE (J. T.).** Elementary Algebra for Indian Schools. By **J. T. HATHORNTHWAITE**, M.A., Principal and Professor of Mathematics at Elphinstone College, Bombay. Crown 8vo, 2s.
- MACMICHAEL (W. F.) and PROWDE SMITH (R.).** Algebra. A Progressive Course of Examples. By the **REV. W. F. MACMICHAEL**, and **R. PROWDE SMITH**, M.A. 5th edition. Fcap. 8vo, 3s. 6d. With answers, 4s. 6d. [*Camb. S. and C. Texts.*]
- MATHEWS (G. B.).** Theory of Numbers. An account of the Theories of Congruencies and of Arithmetical Forms. By **G. B. MATHEWS**, M.A., Professor of Mathematics in the University College of North Wales. Part I. Demy 8vo, 12s.
- MOORE (B. T.).** Elementary Treatise on Mensuration. By **B. T. MOORE**, M.A., Fellow of Pembroke College, Cambridge. 2nd edition, revised. 3s. 6d.
- PENDLEBURY (C.).** Arithmetic. With Examination Papers and 8,000 Examples. By **CHARLES PENDLEBURY**, M.A., F.R.A.S., Senior Mathematical Master of St. Paul's. 10th edition. Crown 8vo. Complete, with or without Answers, 4s. 6d. In Two Parts, with or without Answers, 2s. 6d. each.
- Key to Part II. 2nd edition. 7s. 6d. net. [*Camb. Math. Ser.*]
- Examples in Arithmetic. Extracted from Pendlebury's Arithmetic. With or without Answers. 9th edition. Crown 8vo, 3s., or in Two Parts, 1s. 6d. and 2s. [*Camb. Math. Ser.*]
- Examination Papers in Arithmetic. Consisting of 140 papers, each containing 7 questions; and a collection of 357 more difficult problems. 4th edition. Crown 8vo, 2s. 6d. Key, for Tutors only, 5s. net.
- PENDLEBURY (C.) and TAIT (T. S.).** Arithmetic for Indian Schools. By **C. PENDLEBURY**, M.A. and **T. S. TAIT**, M.A., B.Sc., Principal of Baroda College. 2nd edit. Cr. 8vo, 3s. [*Camb. Math. Ser.*]
- PENDLEBURY (C.) and BEARD (W. S.).** Commercial Arithmetic. By **C. PENDLEBURY**, M.A., and **W. S. BEARD**, F.R.G.S. Crown 8vo. 2s. 6d.

- PENDLEBURY (C.) and BEARD (W.S.).** *Elementary Arithmetic.* 3rd edition. Crown 8vo, 1s. 6d.
- *Arithmetic for the Standards.* Standards I., II., III., sewed, 2d. each, cloth, 3d. each; IV., V., VI., sewed, 3d. each, cloth, 4d. each; VII., sewed, 6d., cloth, 8d. Answers to I. and II., 4d., III.-VII., 4d. each.
 - *Graduated Arithmetic, for Junior and Private Schools.* In Seven Parts, in stiff canvas covers. Parts I., II., and III., 3d. each; Parts IV., V., and VI., 4d. each; Part VII., 6d. Answers to Parts I. and II., 4d.; Parts III.-VII., 4d. each.
 - *Long Tots and Cross Tots, Simple and Compound.* Paper cover, 2d. Answers, 4d.
- POPE (L. J.).** *Lessons in Elementary Algebra.* By L. J. POPE, B.A. (Lond.), Assistant Master at the Oratory School, Birmingham. First Series, up to and including Simple Equations and Problems. Crown 8vo, 1s. 6d.
- PROWDE SMITH (R.).** See Macmichael.
- SHAW (S. J. D.).** *Arithmetic Papers.* Set in the Cambridge Higher Local Examination, from June, 1869, to June, 1887, inclusive, reprinted by permission of the Syndicate. By S. J. D. SHAW, Mathematical Lecturer of Newnham College. Crown 8vo, 2s. 6d.; Key, 4s. 6d. net.
- TAIT (T. S.).** See Pendlebury.
- WATSON (J.) and GOUDIE (W. P.).** *Arithmetic.* A Progressive Course of Examples. With Answers. By J. WATSON, M.A., Corpus Christi College, Cambridge, formerly Senior Mathematical Master of the Ordnance School, Carshalton. 7th edition, revised and enlarged. By W. P. GOUDIE, B.A. Lond. Fcap. 8vo, 2s. 6d. [*Camb. S. and C. Texts.*]
- WHITWORTH (W. A.).** *Choice and Chance.* An Elementary Treatise on Permutations, Combinations, and Probability, with 640 Exercises and Answers. By W. A. WHITWORTH, M.A., late Fellow of St. John's College, Cambridge. 4th edition, revised and enlarged. Crown 8vo, 6s. [*Camb. Math. Ser.*]
- **D C C.** *Exercises, including Hints for the Solution of all the Questions in "Choice and Chance."* Crown 8vo, 6s. [*Camb. Math. Ser.*]
- WRIGLEY (A.)** *Arithmetic.* By A. WRIGLEY, M.A., St. John's College. Fcap. 8vo, 3s. 6d. [*Camb. S. and C. Texts.*]

BOOK-KEEPING.

- CRELLIN (P.).** *A New Manual of Book-keeping, combining the Theory and Practice, with Specimens of a set of Books.* By PHILLIP CRELLIN, Chartered Accountant. Crown 8vo, 3s. 6d.
- *Book-keeping for Teachers and Pupils.* Cr. 8vo, 1s. 6d. Key, 2s. net.
- FOSTER (B. W.).** *Double Entry Elucidated.* By B. W. FOSTER. 14th edition. Fcap. 4to, 3s. 6d.
- MEDHURST (J. T.).** *Book-keeping by Double Entry, Theoretical and Practical, including a Society of Arts Examination Paper fully worked out.* By J. T. MEDHURST, A.K.C., F.S.S., Fellow of the Society of Accountants and Auditors (incorporated), and Lecturer at the City of London College. Crown 8vo, 2s.
- *Examination Papers in Book-keeping.* Compiled by JOHN T. MEDHURST, A.K.C., F.S.S. 4th edition. Crown 8vo, 3s. Key, 2s. 6d. net.
- THOMSON (A. W.).** *A Text-Book of the Principles and Practice of Book-keeping.* By PROFESSOR A. W. THOMSON, B.Sc., Royal Agricultural College, Cirencester. 2nd edition, revised. Crown 8vo, 5s.

GEOMETRY AND EUCLID.

- BESANT (W. H.).** Conic Sections treated Geometrically. By w. H. BESANT, SC.D., F.R.S., Fellow of St. John's College, Cambridge. 9th edition. Crown 8vo, 4s. 6d. Key, 5s. net. [*Camb. Math. Ser.*]
- BRASSE (J.).** The Enunciations and Figures of Euclid, prepared for Students in Geometry. By the REV. J. BRASSE, D.D. *New edition.* Fcap. 8vo, 1s. Without the Figures, 6d.
- DEIGHTON (H.).** Euclid. Books I.-VI., and part of Book XI., newly translated from the Greek Text, with Supplementary Propositions, Chapters on Modern Geometry, and numerous Exercises. By HORACE DEIGHTON, M.A., Head Master of Harrison College, Barbados. 5th edition. 4s. 6d., or Books I.-IV., 3s. Books V.-XI., 2s. 6d. Key, 5s. net. [*Camb. Math. Ser.*]
- Also issued in parts:—Book I., 1s.; Books I. and II., 1s. 6d.; Books I.-III., 2s. 6d.; Books III. and IV., 1s. 6d.
- DEIGHTON (H.) and EMTAGE (O.).** An Introduction to Euclid, including Euclid I. 1-26, with explanations and numerous easy exercises. By HORACE DEIGHTON, M.A., and O. EMTAGE, B.A., Assistant Master of Harrison College. Crown 8vo, 1s. 6d. [*Camb. Math. Ser.*]
- DIXON (E. T.).** The Foundations of Geometry. By EDWARD T. DIXON, late Royal Artillery. Demy 8vo, 6s.
- MASON (C. P.).** Euclid. The First Two Books Explained to Beginners. By C. P. MASON, B.A. 2nd edition. Fcap. 8vo, 2s. 6d.
- MCDOWELL (J.).** Exercises on Euclid and in Modern Geometry, containing Applications of the Principles and Processes of Modern Pure Geometry. By the late J. MCDOWELL, M.A., F.R.A.S., Pembroke College, Camb., and Trin. Coll., Dublin. 4th edition. 6s. [*Camb. Math. Ser.*]
- TAYLOR (C.).** An Introduction to the Ancient and Modern Geometry of Conics, with Historical Notes and Prolegomena. 15s.
- The Elementary Geometry of Conics. By C. TAYLOR, D.D., Master of St. John's College. 7th edition, revised. With a Chapter on the Line Infinity, and a new treatment of the Hyperbola. Crown 8vo, 4s. 6d. [*Camb. Math. Ser.*]
- WEBB (R.).** The Definitions of Euclid. With Explanations and Exercises, and an Appendix of Exercises on the First Book, by R. WEBB, M.A. Crown 8vo, 1s. 6d.
- WILLIS (H. G.).** Geometrical Conic Sections. An Elementary Treatise. By H. G. WILLIS, M.A., Clare College, Cambridge, Assistant Master of Manchester Grammar School. Crown 8vo, 5s. [*Camb. Math. Ser.*]

ANALYTICAL GEOMETRY, ETC.

- ALDIS (W. S.).** Solid Geometry, An Elementary Treatise on. By w. S. ALDIS, M.A., late Professor of Mathematics in the University College, Auckland, N. Z. 4th edition, revised. Crown 8vo, 6s. [*Camb. Math. Ser.*]
- BESANT (W. H.).** Notes on Roulettes and Glissettes. By w. H. BESANT, SC.D., F.R.S. 2nd edition, enlarged. Crown 8vo. 5s. [*Camb. Math. Ser.*]
- CAYLEY (A.).** Elliptic Functions, An Elementary Treatise on. By ARTHUR CAYLEY, Sadlerian Professor of Pure Mathematics in the University of Cambridge. 2nd edition. Demy 8vo. 15s.

- TURNBULL (W. P.).** *Analytical Plane Geometry, An Introduction to.* By W. P. TURNBULL, M.A., sometime Fellow of Trinity College. 8vo, 12s.
- VYVYAN (T. G.).** *Analytical Geometry for Schools.* By REV. T. VYVYAN, M.A., Fellow of Gonville and Caius College, and Mathematical Master of Charterhouse. 6th edition. 8vo, 4s. 6d. [*Camb. S. and C. Texts.*]
- *Analytical Geometry for Beginners.* Part I. The Straight Line and Circle. 2nd edition. Crown 8vo, 2s. 6d. [*Camb. Math. Ser.*]
- WHITWORTH (W. A.).** *Trilinear Co-ordinates, and other methods of Modern Analytical Geometry of Two Dimensions.* By W. A. WHITWORTH, M.A., late Fellow of St. John's College, Cambridge. 8vo, 16s.

TRIGONOMETRY.

- DYER (J. M.) and WHITCOMBE (R. H.).** *Elementary Trigonometry.* By J. M. DYER, M.A. (Senior Mathematical Scholar at Oxford), and REV. R. H. WHITCOMBE, Assistant Masters at Eton College. 2nd edition. Crown 8vo, 4s. 6d. [*Camb. Math. Ser.*]
- PENDLEBURY (C.).** *Elementary Trigonometry.* By CHARLES PENDLEBURY, M.A., F.R.A.S., Senior Mathematical Master at St. Paul's School. 2nd edition. Crown 8vo, 4s. 6d. [*Camb. Math. Ser.*]
- VYVYAN (T. G.).** *Introduction to Plane Trigonometry.* By the REV. T. G. VYVYAN, M.A., formerly Fellow of Gonville and Caius College, Senior Mathematical Master of Charterhouse. 3rd edition, revised and augmented. Crown 8vo, 3s. 6d. [*Camb. Math. Ser.*]
- WARD (G. H.).** *Examination Papers in Trigonometry.* By G. H. WARD, M.A., Assistant Master at St. Paul's School. 2nd edition. Crown 8vo, 2s. 6d. Key, 5s. net.

MECHANICS AND NATURAL PHILOSOPHY.

- ALDIS (W. S.).** *Geometrical Optics, An Elementary Treatise on.* By W. S. ALDIS, M.A. 5th edition. Crown 8vo, 4s. [*Camb. Math. Ser.*]
- *An Introductory Treatise on Rigid Dynamics.* Crown 8vo, 4s. [*Camb. Math. Ser.*]
- *Fresnel's Theory of Double Refraction, A Chapter on.* 2nd edition, revised. 8vo, 2s.
- BASSET (A. B.).** *A Treatise on Hydrodynamics, with numerous Examples.* By A. B. BASSET, M.A., F.R.S., Trinity College, Cambridge. Demy 8vo. Vol. I., price 10s. 6d.; Vol. II., 12s. 6d.
- *An Elementary Treatise on Hydrodynamics and Sound.* Demy 8vo, 7s. 6d.
- *A Treatise on Physical Optics.* Demy 8vo, 16s.
- BESANT (W. H.).** *Elementary Hydrostatics.* By W. H. BESANT, SC.D., F.R.S. 16th edition. Crown 8vo, 4s. 6d. Solutions, 5s. net. [*Camb. Math. Ser.*]
- *Hydromechanics, A Treatise on.* Part I. Hydrostatics. 5th edition, revised and enlarged. Crown 8vo, 5s. [*Camb. Math. Ser.*]
- *A Treatise on Dynamics.* 2nd edition. Crown 8vo, 10s. 6d. [*Camb. Math. Ser.*]
- CHALLIS (PROF.).** *Pure and Applied Calculation.* By the late REV. J. CHALLIS, M.A., F.R.S., &c. Demy 8vo, 15s.
- *Physics, The Mathematical Principle of.* Demy 8vo, 5s.
- *Lectures on Practical Astronomy.* Demy 8vo, 10s.

- EVANS (J. H.) and MAIN (P. T.). *Newton's Principia, The First Three Sections of, with an Appendix; and the Ninth and Eleventh Sections.* By J. H. EVANS, M.A., St. John's College. The 5th edition, edited by P. T. MAIN, M.A., Lecturer and Fellow of St. John's College. Fcap. 8vo, 4s. [*Camb. S. and C. Texts.*]
- GALLATLY (W.). *Elementary Physics, Examples and Examination Papers in. Statics, Dynamics, Hydrostatics, Heat, Light, Chemistry, Electricity, London Matriculation, Cambridge B.A., Edinburgh, Glasgow, South Kensington, Cambridge Junior and Senior Papers, and Answers.* By W. GALLATLY, M.A., Pembroke College, Cambridge, Assistant Examiner, London University. Crown 8vo, 4s. [*Camb. Math. Ser.*]
- GARNETT (W.). *Elementary Dynamics for the use of Colleges and Schools.* By WILLIAM GARNETT, M.A., D.C.L., Fellow of St. John's College, late Principal of the Durham College of Science, Newcastle-upon-Tyne. 5th edition, revised. Crown 8vo, 6s. [*Camb. Math. Ser.*]
- *Heat, An Elementary Treatise on.* 6th edition, revised. Crown 8vo, 4s. 6d. [*Camb. Math. Ser.*]
- GOODWIN (H.). *Statics.* By H. GOODWIN, D.D., late Bishop of Carlisle. 2nd edition. Fcap. 8vo, 3s. [*Camb. S. and C. Texts.*]
- HOROBIN (J. C.). *Elementary Mechanics. Stage I. II. and III., 1s. 6d. each.* By J. C. HOROBIN, M.A., Principal of Homerton New College, Cambridge.
- *Theoretical Mechanics. Division I.* Crown 8vo, 2s. 6d.
 * * This book covers the ground of the Elementary Stage of Division I. of Subject VI. of the "Science Directory," and is intended for the examination of the Science and Art Department.
- JESSOP (C. M.). *The Elements of Applied Mathematics. Including Kinetics, Statics and Hydrostatics.* By C. M. JESSOP, M.A., late Fellow of Clare College, Cambridge, Lecturer in Mathematics in the Durham College of Science, Newcastle-on-Tyne. 2nd edition. Crown 8vo, 4s. 6d. [*Camb. Math. Ser.*]
- MAIN (P. T.). *Plane Astronomy, An Introduction to.* By P. T. MAIN, M.A., Lecturer and Fellow of St. John's College. 6th edition, revised. Fcap. 8vo, 4s. [*Camb. S. and C. Texts.*]
- PARKINSON (R. M.). *Structural Mechanics.* By R. M. PARKINSON, ASSOC. M.I.C.E. Crown 8vo, 4s. 6d.
- PENDLEBURY (C.). *Lenses and Systems of Lenses, Treated after the Manner of Gauss.* By CHARLES PENDLEBURY, M.A., F.R.A.S., Senior Mathematical Master of St. Paul's School, late Scholar of St. John's College, Cambridge. Demy 8vo, 5s.
- STEELE (R. E.). *Natural Science Examination Papers.* By R. E. STEELE, M.A., F.C.S., Chief Natural Science Master, Bradford Grammar School. Crown 8vo. Part I., Inorganic Chemistry, 2s. 6d. Part II., Physics (Sound, Light, Heat, Magnetism, Electricity), 2s. 6d. [*School Exam. Series.*]
- WALTON (W.). *Theoretical Mechanics, Problems in.* By W. WALTON, M.A., Fellow and Assistant Tutor of Trinity Hall, Mathematical Lecturer at Magdalene College. 3rd edition, revised. Demy 8vo, 16s.
- WALTON (W.). *Elementary Mechanics, Problems in.* 2nd edition. Crown 8vo, 6s. [*Camb. Math. Ser.*]

- DAVIS (J. F.).** Army Mathematical Papers. Being Ten Years' Woolwich and Sandhurst Preliminary Papers. Edited, with Answers, by J. F. DAVIS, D.LIT., M.A. Lond. Crown 8vo, 2s. 6d.
- DYER (J. M.) and PROWDE SMITH (R.).** Mathematical Examples. A Collection of Examples in Arithmetic, Algebra, Trigonometry, Mensuration, Theory of Equations, Analytical Geometry, Statics, Dynamics, with Answers, &c. For Army and Indian Civil Service Candidates. By J. M. DYER, M.A., Assistant Master, Eton College (Senior Mathematical Scholar at Oxford), and R. PROWDE SMITH, M.A. Crown 8vo, 6s. [*Camb. Math. Ser.*]
- GOODWIN (H.).** Problems and Examples, adapted to "Goodwin's Elementary Course of Mathematics." By T. G. VYVYAN, M.A. 3rd edition. 8vo, 5s.; Solutions, 3rd edition, 8vo, 9s.
- SMALLEY (G. R.).** A Compendium of Facts and Formulae in Pure Mathematics and Natural Philosophy. By G. R. SMALLEY, F.R.A.S. New edition, revised and enlarged. By J. MCDOWELL, M.A., F.R.A.S. Fcap. 8vo, 2s.
- WRIGLEY (A.).** Collection of Examples and Problems in Arithmetic, Algebra, Geometry, Logarithms, Trigonometry, Conic Sections, Mechanics, &c., with Answers and Occasional Hints. By the REV. A. WRIGLEY. 10th edition, 20th thousand. Demy 8vo, 3s. 6d.
- A Key. By J. C. PLATTS, M.A., and the REV. A. WRIGLEY. 2nd edition. Demy 8vo, 5s. net.

MODERN LANGUAGES.

ENGLISH.

- ADAMS (E.).** The Elements of the English Language. By ERNEST ADAMS, PH.D. 26th edition. Revised by J. F. DAVIS, D.LIT., M.A., (LOND.). Post 8vo, 4s. 6d.
- The Rudiments of English Grammar and Analysis. By ERNEST ADAMS, PH.D. 19th thousand. Fcap. 8vo, 1s.
- ALFORD (DEAN).** The Queen's English: A Manual of Idiom and Usage. By the late HENRY ALFORD, D.D., Dean of Canterbury. 6th edition. Small post 8vo. Sewed, 1s.; cloth, 1s. 6d.
- ASCHAM'S Scholemaster.** Edited by PROFESSOR J. E. B. MAYOR. Small post 8vo, sewed, 1s.
- BELL'S ENGLISH CLASSICS.** A New Series, Edited for use in Schools, with Introduction and Notes. Crown 8vo.
- BROWNING, Selections from.** Edited by F. RYLAND, M.A. [*In the press.*]
- BROWNING'S Strafford.** Edited by E. H. HICKEY. With Introduction by S. E. GARDINER, LL.D. 2s. 6d.
- BURKE'S Letters on a Regicide Peace.** I. and II. Edited by H. G. KEENE, M.A., C.I.E. 3s.; sewed, 2s.
- BYRON'S Childe Harold.** Edited by H. G. KEENE, M.A., C.I.E., Author of "A Manual of French Literature," etc. 3s. 6d. Also Cantos I. and II. sewed, 1s. 9d. Cantos III. and IV. sewed, 1s. 9d.
- Siege of Corinth. Edited by F. HORDERN, late Director of Public Instruction in Burma. 1s. 6d.; sewed, 1s.
- CARLYLE'S "Hero as Man of Letters."** Edited, with Introduction, by MARK HUNTER, M.A., Principal of Coimbatore College. 2s.; sewed, 1s. 6d.
- CARLYLE'S "Hero as Divinity."** By the same editor. 2s.; sewed, 1s. 6d.
- CHAUCER'S MINOR POEMS, Selections from.** Edited by J. A. BILDERBECK, B.A., Professor of English Literature, Presidency College, Madras. 2nd edition. 2s. 6d.; sewed, 1s. 9d.

BELL'S ENGLISH CLASSICS—continued.

- DE QUINCEY'S** Revolt of the Tartars and The English Mail-Coach. Edited by **Cecil M. Barrow, M.A.**, Principal of Victoria College, Palghât, and **Mark Hunter, B.A.**, Principal of Coimbatore College. 3s.; sewed, 2s.
- * * Revolt of the Tartars, separately, sewed, 1s. 6d.
- DE QUINCEY'S** Opium Eater. Edited by **Mark Hunter, B.A.** 4s. 6d.; sewed, 3s. 6d.
- GOLDSMITH'S** Good-Natured Man and She Stoops to Conquer. Edited by **K. Deighton**. Each, 2s. cloth; 1s. 6d. sewed. The two plays together, sewed, 2s. 6d.
- IRVING'S** Sketch Book. Edited by **R. G. Oxenham, M.A.** Sewed, 1s. 6d.
- JOHNSON'S** Life of Addison. Edited by **F. Ryland**, Author of "The Students' Handbook of Psychology," etc. 2s. 6d.
- Life of Swift. Edited by **F. Ryland, M.A.** 2s.
- Life of Pope. Edited by **F. Ryland, M.A.** 2s. 6d.
- * * The Lives of Swift and Pope, together, sewed, 2s. 6d.
- Life of Milton. Edited by **F. Ryland, M.A.** 2s. 6d.
- Life of Dryden. Edited by **F. Ryland, M.A.** 2s. 6d.
- * * The Lives of Milton and Dryden, together, sewed, 2s. 6d.
- Lives of Prior and Congreve. Edited by **F. Ryland, M.A.** 2s.
- LAMB'S** Essays. Selected and Edited by **K. Deighton**. 3s.; sewed, 2s.
- LONGFELLOW**, Selections from, including *Evangeline*. Edited by **M. T. Quinn, M.A.**, Principal and Professor of English Language and Literature, Pachaiyappa's College, Madras. 2s. 6d.; sewed, 1s. 9d.
- * * *Evangeline*, separately, sewed, 1s. 3d.
- MACAULAY'S** Lays of Ancient Rome. Edited by **P. Horder**. 2s. 6d.; sewed, 1s. 9d.
- Essay on Clive. Edited by **Cecil Barrow, M.A.** 2s.; sewed, 1s. 6d.
- MASSINGER'S** A New Way to Pay Old Debts. Edited by **K. Deighton**. 3s.; sewed, 2s.
- MILTON'S** Paradise Lost. Books III. and IV. Edited by **R. G. Oxenham, M.A.**, Principal of Elphinstone College, Bombay. 2s.; sewed, 1s. 6d., or separately, sewed, 10d. each.
- Paradise Regained. Edited by **K. Deighton**. 2s. 6d.; sewed, 1s. 9d.
- POPE**, Selections from. Containing Essay on Criticism, Rape of the Lock, Temple of Fame, Windsor Forest. Edited by **K. Deighton**. 2s. 6d.; sewed, 1s. 9d.
- SCOTT'S** Lady of the Lake. Edited by the **Rev. A. E. Woodward, M.A.** Cloth, 3s. 6d. The Six Cantos separately, sewed, 8d. each.
- SHAKESPEARE'S** Julius Caesar. Edited by **T. Duff Barnett, B.A. (Lond.)** 2s.
- Merchant of Venice. Edited by **T. Duff Barnett, B.A. (Lond.)** 2s.
- Tempest. Edited by **T. Duff Barnett, B.A. (Lond.)** 2s.
- WORDSWORTH'S** Excursion. Book I. Edited, with Introduction and Notes, by **M. T. Quinn, M.A.** Sewed, 1s. 3d.

*Others to follow.***BELL'S READING BOOKS.** Post 8vo, cloth, illustrated.

Infants.

- Infant's Primer. 3d.
 Tot and the Cat. 6d.
 The Old Boathouse. 6d.
 The Cat and the Hen. 6d.

Standard I.

- School Primer. 6d.
 The Two Parrots. 6d.
 The Three Monkeys. 6d.
 The New-born Lamb. 6d.
 The Blind Boy. 6d.

Standard II.

- The Lost Pigs. 6d.
 Story of a Cat. 6d.
 Queen Bee and Busy Bee. 6d.

Post 8vo, cloth, illustrated.
Gulls' Crag. 6d.

Standard III.

- Great Deeds in English History. 1s.
 Adventures of a Donkey. 1s.
 Grimm's Tales. 1s.
 Great Englishmen. 1s.
 Andersen's Tales. 1s.
 Life of Columbus. 1s.

Standard IV.

- Uncle Tom's Cabin. 1s.
 Great Englishwomen. 1s.
 Great Scotsmen. 1s.
 Edgeworth's Tales. 1s.
 Gatty's Parables from Nature. 1s.
 Scott's Talisman. 1s.

BELL'S READING BOOKS—*continued.*

- Standard V.
 Dickens' Oliver Twist. 1s.
 Dickens' Little Nell. 1s.
 Masterman Ready. 1s.
 Marryat's Poor Jack. 1s.
 Arabian Nights. 1s.
 Gulliver's Travels. 1s.
 Lyrical Poetry for Boys & Girls. 1s.
 Vicar of Wakefield. 1s.
- Standards VI. and VII.
 Lamb's Tales from Shakespeare 1s.
 Robinson Crusoe. 1s.
 Tales of the Coast. 1s.
 Settlers in Canada. 1s.
 Southey's Life of Nelson. 1s.
 Sir Roger de Coverley. 1s.
- BELL'S GEOGRAPHICAL READERS.** By M. J. BARRINGTON-WARD, M.A. (Worcester College, Oxford).
 The Child's Geography. Illustrated. Stiff paper cover, 6d.
 The Map and the Compass. (Standard I.) Illustrated. Cloth, 8d.
 The Round World. (Standard II.) Illustrated. Cloth, 10d.
 About England. (Standard III.) With Illustrations and Coloured Map. Cloth, 1s. 4d.
- BELL'S ANIMAL LIFE READERS.** A Series of Reading Books for the Standards, designed to inculcate the humane treatment of animals. Edited by EDITH CARRINGTON and ERNEST BELL. Illustrated by HARRISON WEIR and others. * * * *Full Prospectus on application.*
- BROWNING (R.).** Handbook to Robert Browning's Works by MRS. SUTHERLAND ORR. 6th edition. Revised, with a bibliography. Fcap. 8vo. 6s.
- EDWARDS (F.).** Examples for Analysis in Verse and Prose. Selected and arranged by F. EDWARDS. *New edition.* Fcap. 8vo, cloth, 1s.
- GOLDSMITH.** The Deserted Village. Edited, with Notes and Life, by C. P. MASON, B.A., F.C.P. 4th edition. Crown 8vo, 1s.
- HANDBOOKS OF ENGLISH LITERATURE.** Edited by J. W. HALES, M.A., formerly Clark Lecturer in English Literature at Trinity College, Cambridge, Professor of English Literature at King's College, London. Crown 8vo, 3s. 6d. each.
 The Age of Milton. (1632—1660). By the REV. J. H. B. MASTERMAN, M.A., with Introduction, etc., by J. BASS MULLINGER, M.A.
 The Age of Dryden. (1660—1700). By R. GARNETT, LL.D., C.B. 2nd edition.
 The Age of Pope. (1700—1744). By JOHN DENNIS. 2nd edition.
 The Age of Wordsworth. (1798—1832). By PROF. C. H. HERFORD, LITT.D. 2nd edition.
 The Age of Tennyson. (1830—1870). By PROF. HUGH WALKER. 2nd edition.
In preparation.
 The Age of Alfred. By H. FRANK HEATH, PH.D.
 The Age of Chaucer. By PROFESSOR HALES.
 The Age of Shakespeare. By PROFESSOR HALES.
 The Age of Johnson. By THOMAS SECCOMBE.
- HAZLITT (W.).** Lectures on the Literature of the Age of Elizabeth. Small post 8vo, sewed, 1s.
 — Lectures on the English Poets. Small post 8vo, sewed, 1s.
 — Lectures on the English Comic Writers. Small post 8vo, sewed, 1s.
- LAMB (C.).** Specimens of English Dramatic Poets of the Time of Elizabeth. With Notes. Small post 8vo, 3s. 6d.

- MASON (C. P.).** Grammars by C. P. MASON, B.A., F.C.P., Fellow of University College, London.
- **First Notions of Grammar for Young Learners.** Fcap. 8vo. 105th thousand. Cloth, 1s.
 - **First Steps in English Grammar, for Junior Classes.** Demy 18mo. 59th thousand. 1s.
 - **Outlines of English Grammar, for the Use of Junior Classes.** 19th edition. 107th thousand. Crown 8vo, 2s.
 - **English Grammar; including the principles of Grammatical Analysis.** 38th edition, revised. 163rd thousand. Crown 8vo, green cloth, 3s. 6d.
 - **A Shorter English Grammar, with copious and carefully graduated Exercises, based upon the author's English Grammar.** 11th edition. 52nd thousand. Crown 8vo, brown cloth, 3s. 6d.
 - **Practice and Help in the Analysis of Sentences.** Price 2s. Cloth.
 - **English Grammar Practice, consisting of the Exercises of the Shorter English Grammar published in a separate form.** 3rd edition. Crown 8vo, 1s.
 - **Remarks on the Subjunctive and the so-called Potential Mood.** 6d., sewn.
 - **Blank Sheets Ruled and headed for Analysis.** 1s. per dozen.
- MILTON: Paradise Lost.** Books I., II., and III. Edited, with Notes on the Analysis and Parsing, and Explanatory Remarks, by C. P. MASON, B.A., F.C.P. Crown 8vo. 1s. each.
- **Paradise Lost.** Books V.-VIII. With Notes for the Use of Schools. By C. M. LUMBY. 2s. 6d.
- PRICE (A. C.).** Elements of Comparative Grammar and Philology. For Use in Schools. By A. C. PRICE, M.A., Assistant Master at Leeds Grammar School. Crown 8vo, 2s. 6d.
- SHAKESPEARE. Notes on Shakespeare's Plays.** With Introduction, Summary, Notes (Etymological and Explanatory), Prosody, Grammatical Peculiarities, etc. By T. DUFF BARNETT, B.A. Lond., late Second Master in the Brighton Grammar School. Specially adapted for the Local and Preliminary Examinations. Crown 8vo, 1s. each.
- Midsummer Night's Dream.—Julius Cæsar.—The Tempest.—Macbeth.—Henry V.—Hamlet.—Merchant of Venice.—King Richard II.—King John.—King Richard III.—King Lear.—Coriolanus.—Twelfth Night.—As You Like it.—Much Ado About Nothing.**
- “The Notes are comprehensive and concise.”—*Educational Times.*
 “Comprehensive, practical, and reliable.”—*Schoolmaster.*
- **Hints for Shakespeare-Study.** Exemplified in an Analytical Study of Julius Cæsar. By MARY GRAFTON MOBERLY. 2nd edition. Crown 8vo, sewed, 1s.
 - **Coleridge's Lectures and Notes on Shakespeare and other English Poets.** Edited by T. ASHE, B.A. Small post 8vo, 3s. 6d.
 - **Shakespeare's Dramatic Art.** The History and Character of Shakespeare's Plays. By DR. HERMANN ULRICI. Translated by L. DORA SCHMITZ. 2 vols. small post 8vo, 3s. 6d. each.
 - **William Shakespeare.** A Literary Biography. By KARL ELZE, PH. D., LL. D. Translated by L. DORA SCHMITZ. Small post 8vo, 5s.
 - **Hazlitt's Lectures on the Characters of Shakespeare's Plays.** Small post 8vo, 1s.
 - See **BELL'S ENGLISH CLASSICS.**

- SKEAT (W. W.).** Questions for Examinations in English Literature. With a Preface containing brief hints on the study of English. Arranged by the REV. W. W. SKEAT, LITT.D., Elrington and Bosworth Professor of Anglo-Saxon in the University of Cambridge. 3rd edition. Crown 8vo, 2s. 6d.
- SMITH (C. J.)** Synonyms and Antonyms of the English Language. Collected and Contrasted by the VEN. C. J. SMITH, M.A. 2nd edition, revised. Small post 8vo, 5s.
- **Synonyms Discriminated.** A Dictionary of Synonymous Words in the English Language. Illustrated with Quotations from Standard Writers. By the late VEN. C. J. SMITH, M.A. With the Author's latest Corrections and Additions, edited by the REV. H. PERCY SMITH, M.A., of Balliol College, Oxford, Vicar of Great Barton, Suffolk. 4th edition. Demy 8vo, 14s.
- TEN BRINK'S Early English Literature.** Vol. I. (to Wiclif). Translated into English by HORACE M. KENNEDY, Professor of German Literature in the Brooklyn Collegiate Institute. Small post 8vo, 3s. 6d.
- Vol. II. (Wiclif, Chaucer, Earliest Drama, Renaissance). Translated by W. CLARKE ROBINSON, PH.D. Small post 8vo, 3s. 6d.
- Vol. III. (to the Death of Surrey). Edited by PROFESSOR ALOIS BRANDL. Translated by L. DORA SCHMITZ. Small post 8vo, 3s. 6d.
- **Lectures on Shakespeare.** Translated by JULIA FRANKLIN. Small post 8vo, 3s. 6d.
- TENNYSON (LORD).** A Handbook to the Works of Alfred Lord Tennyson. By MORTON LUCE. 2nd edition. Fcap. 8vo. 6s.
- THOMSON: Spring.** Edited by C. P. MASON, B.A., F.C.P. With Life. 2nd edition. Crown 8vo, 1s.
- **Winter.** Edited by C. P. MASON, B.A., F.C.P. With Life. Crown 8vo, 1s.
- WEBSTER'S INTERNATIONAL DICTIONARY** of the English Language. Including Scientific, Technical, and Biblical Words and Terms, with their Significations, Pronunciations, Alternative Spellings, Derivations, Synonyms, and numerous illustrative Quotations, with various valuable literary Appendices, with 83 extra pages of Illustrations grouped and classified, rendering the work a COMPLETE LITERARY AND SCIENTIFIC REFERENCE-BOOK. *New edition* (1890). Thoroughly revised and enlarged under the supervision of NOAH PORTER, D.D., LL.D. 1 vol. (2,118 pages, 3,500 woodcuts), 4to, cloth, 31s. 6d.; half calf, £2 2s.; half russa, £2 5s.; calf, £2 8s.; or in 2 vols. cloth, £1 14s.
- Prospectuses, with specimen pages, sent post free on application.*
- WEBSTER'S BRIEF INTERNATIONAL DICTIONARY.** A Pronouncing Dictionary of the English Language, abridged from Webster's International Dictionary. With a Treatise on Pronunciation, List of Prefixes and Suffixes, Rules for Spelling, a Pronouncing Vocabulary of Proper Names in History, Geography, and Mythology, and Tables of English and Indian Money, Weights, and Measures. With 564 pages and 800 Illustrations. Demy 8vo, 3s.
- WRIGHT (T.).** Dictionary of Obsolete and Provincial English. Containing Words from the English Writers previous to the 19th century, which are no longer in use, or are not used in the same sense, and Words which are now used only in the Provincial Dialects. Compiled by THOMAS WRIGHT, M.A., F.S.A., etc. 2 vols. 5s. each.

FRENCH CLASS BOOKS.

- BOWER (A. M.).** *The Public Examination French Reader.* With a Vocabulary to every extract, suitable for all Students who are preparing for a French Examination. By A. M. BOWER, F.R.G.S., late Master in University College School, etc. Cloth, 3s. 6d.
- BARBIER (PAUL).** *A Graduated French Examination Course.* By PAUL BARBIER, Lecturer in the South Wales University College, etc. Crown 8vo, 3s.
- BARRERE (A.)** *Junior Graduated French Course.* Affording Materials for Translation, Grammar, and Conversation. By A. BARRÈRE, Professor R.M.A., Woolwich. 1s. 6d.
- *Elements of French Grammar and First Steps in Idioms.* With numerous Exercises and a Vocabulary. Being an Introduction to the Précis of Comparative French Grammar. Crown 8vo, 2s.
- *Précis of Comparative French Grammar and Idioms and Guide to Examinations.* 4th edition. 3s. 6d.
- *Récits Militaires.* From Valmy (1792) to the Siege of Paris (1870). With English Notes and Biographical Notices. 2nd edition. Crown 8vo, 3s.
- CLAPIN (A. C.)** *French Grammar for Public Schools.* By the REV. A. C. CLAPIN, M.A., St. John's College, Cambridge, and Bacheliers-lettres of the University of France. Fcap. 8vo. 14th edition. 2s. 6d.
Key to the Exercises. 3s. 6d. net.
- *French Primer.* Elementary French Grammar and Exercises for Junior Forms in Public and Preparatory Schools. Fcap. 8vo. 11th edition. 1s.
- *Primer of French Philology.* With Exercises for Public Schools. 9th edition. Fcap. 8vo, 1s.
- *English Passages for Translation into French.* Crown 8vo, 2s. 6d.
Key (for Tutors only), 4s. net.
- DAVIS (J. F.)** *Army Examination Papers in French.* Questions set at the Preliminary Examinations for Sandhurst and Woolwich, from Nov., 1876, to June, 1890, with Vocabulary. By J. F. DAVIS, D.LIT., M.A., Lond. Crown 8vo, 2s. 6d.
- DAVIS (J. F.) and THOMAS (F.)** *An Elementary French Reader.* Compiled, with a Vocabulary, by J. F. DAVIS, M.A., D.LIT., and FERDINAND THOMAS, Assistant Examiners in the University of London. Crown 8vo, 2s.
- DELILLE'S GRADUATED FRENCH COURSE.**
- | | |
|--|---------------------------------------|
| The Beginner's own French Book. | Repertoire des Prosateurs. 3s. 6d. |
| 2s. Key, 2s. | Modèles de Poesie. 3s. 6d. |
| Easy French Poetry for Beginners. 2s. | Manuel Etymologique. 2s. 6d. |
| French Grammar. 3s. Key, 3s. | Synoptical Table of French Verbs. 6d. |
- ESCLANGON (A.)** *The French Verb Newly Treated: an Easy, Uniform, and Synthetic Method of its Conjugation.* By A. ESCLANGON, Examiner in the University of London. Small 4to, 5s.
- GASC (F. E. A.)** *First French Book; being a New, Practical, and Easy Method of Learning the Elements of the French Language. Reset and thoroughly revised.* 116th thousand. Crown 8vo, 1s.
- *Second French Book; being a Grammar and Exercise Book, on a new and practical plan, and intended as a sequel to the "First French Book."* 55th thousand. Fcap. 8vo, 1s. 6d.

- GASC (F. E. A.).** Key to First and Second French Books. *7th edition*, Fcap. 8vo, 3s. 6d. net.
- **French Fables**, for Beginners, in Prose, with an Index of all the Words at the end of the work. *17th thousand*. 12mo, 1s. 6d.
 - **Select Fables of La Fontaine**. *19th thousand*. Fcap. 8vo, 1s. 6d.
 - **Histoires Amusantes et Instructives**; or, Selections of Complete Stories from the best French modern authors, who have written for the young. With English notes. *17th thousand*. Fcap. 8vo, 2s.
 - **Practical Guide to Modern French Conversation**, containing:— I. The most current and useful Phrases in Everyday Talk. II. Everybody's necessary Questions and Answers in Travel-Talk. *19th edition*. Fcap. 8vo, 1s. 6d.
 - **French Poetry for the Young**. With Notes, and preceded by a few plain Rules of French Prosody. *5th edition, revised*. Fcap. 8vo, 1s. 6d.
 - **French Prose Composition**, Materials for. With copious footnotes, and hints for idiomatic renderings. *23rd thousand*. Fcap. 8vo, 3s. Key. *2nd edition*. 6s. net.
 - **Prosateurs Contemporains**; or, Selections in Prose chiefly from contemporary French literature. With notes. *11th edition*. 12mo, 3s. 6d.
 - **Le Petit Compagnon**; a French Talk-Book for Little Children. *14th edition*. 16mo, 1s. 6d.
 - **French and English Dictionary**, with upwards of Fifteen Thousand new words, senses, &c., hitherto unpublished. *8th edition, reset and considerably enlarged*. In one vol. Large 8vo, cloth, 12s. 6d. In use at Harrow, Rugby, Shrewsbury, &c.
 - **Pocket Dictionary of the French and English Languages**; for the everyday purposes of Travellers and Students. Containing more than Five Thousand modern and current words, senses, and idiomatic phrases and renderings, not found in any other dictionary of the two languages. *New edition*. *57th thousand*. 16mo, cloth, 2s. 6d.
- GOSSET (A.).** Manual of French Prosody for the use of English Students. By ARTHUR GOSSET, M.A., Fellow of New College, Oxford. Crown 8vo, 3s.
- GRANVILLE (W. E. M.).** French Correspondence. [*In the Press*].
- LE NOUVEAU TRESOR**; designed to facilitate the Translation of English into French at Sight. By M. E. S. *18th edition*. Fcap. 8vo, 1s. 6d.
- STEDMAN (A. M. M.).** French Examination Papers in Miscellaneous Grammar and Idioms. Compiled by A. M. M. STEDMAN, M.A. *6th edition*. Crown 8vo, 2s. 6d. A Key (for Tutors only), 6s. net.
- **Easy French Passages** for Unseen Translation. *2nd edition*. Fcap. 8vo, 1s. 6d.
 - **Easy French Exercises** on Elementary Syntax. Crown 8vo, 2s. 6d.
 - **First French Lessons**. Crown 8vo, 1s.
 - **French Vocabularies** for Repetition. Fcap. 8vo, 1s.
 - **Steps to French**. 18mo, 8d.
- WILLAN (J. N.).** Scheme of French Verbs, with Verb Papers. 1s.

FRENCH ANNOTATED EDITIONS.

BALZAC. *Ursule Mirouët.* By HONORÉ DE BALZAC. Edited, with Introduction and Notes, by JAMES BOÏELLE, B.-ès-L., Senior French Master, Dulwich College. 3s.

CLARETIE. *Pierrille.* By JULES CLARETIE. With 27 Illustrations. Edited, with Introduction and Notes, by JAMES BOÏELLE, B.-ès-L. 2s. 6d.

DAUDET. *La Belle Nivernaise.* Histoire d'un vieux bateau et de son équipage. By ALPHONSE DAUDET. Edited, with Introduction and Notes, by JAMES BOÏELLE, B.-ès-L. With Six Illustrations. 2s.

FÉNELON. *Aventures de Télémaque.* Edited by C. J. DELILLE. 4th edition. Fcap. 8vo, 2s. 6d.

GOMBERT'S FRENCH DRAMA. Re-edited, with Notes, by F. E. A. GASC. Sewed, 6d. each.

MOLIÈRE.

Le Misanthrope.

L'Avare.

Le Bourgeois Gentilhomme.

Le Tartuffe.

Le Malade Imaginaire.

Les Femmes Savantes.

Les Fourberies de Scapin.

Les Précieuses Ridicules.

L'Ecole des Femmes.

L'Ecole des Maris.

Le Médecin Malgré Lui.

RACINE.

La Thébaïde, ou Les Frères

Ennemis.

Andromaque.

Les Plaideurs.

Iphigénie.

Britannicus.

Phèdre.

Esther.

Athalie.

CORNEILLE.

Le Cid.

Horace.

Cinna.

Polyeucte.

VOLTAIRE.—Zaire.

GREVILLE. *Le Moulin Frappier.* By HENRY GREVILLE. Edited, with Introduction and Notes, by JAMES BOÏELLE, B.-ès-L. 3s.

HUGO. *Bug Jargal.* Edited, with Introduction and Notes, by JAMES BOÏELLE, B.-ès-L. 3s.

LA FONTAINE. *Select Fables.* Edited by F. E. A. GASC. 19th thousand. Fcap. 8vo, 1s. 6d.

LAMARTINE. *Le Tailleur de Pierres de Saint-Point.* Edited with Notes by JAMES BOÏELLE, B.-ès-L. 6th thousand. Fcap. 8vo, 1s. 6d.

SAINTINE. *Picciola.* Edited by DR. DUBUC. 16th thousand. Fcap. 8vo, 1s. 6d.

VOLTAIRE. *Charles XII.* Edited by L. DIREY. 8th edition. Fcap. 8vo, 1s. 6d.

GERMAN CLASS BOOKS.

BUCHHEIM (DR. C. A.). *German Prose Composition.* Consisting of Selections from Modern English Writers. With grammatical notes, idiomatic renderings, and general introduction. By C. A. BUCHHEIM, PH.D. Professor of the German Language and Literature in King's College, and Examiner in German to the London University. 15th edition, enlarged and revised. With a list of subjects for original composition. Fcap. 8vo, 4s. 6d.

BUCHHEIM (DR. C. A.)—continued.

A KEY to the 1st and 2nd parts. *3rd edition.* 3s. net. To the 3rd and 4th parts. 4s. net.

— **FIRST BOOK OF GERMAN PROSE.** Being Parts I. and II. of the above. With Vocabulary by H. R. Fcap. 8vo, 1s. 6d.

CLAPIN (A. C.). A German Grammar for Public Schools. By the REV. A. C. CLAPIN, and F. HOLL-MÜLLER, Assistant Master at the Bruton Grammar School. *6th edition.* Fcap. 8vo, 2s. 6d.

— **A GERMAN PRIMER.** With Exercises. *2nd edition.* Fcap. 8vo, 1s.

GERMAN. The Candidate's Vade Mecum. Five Hundred Easy Sentences and Idioms. By an Army Tutor. Cloth, 1s. For Army Prelim. Exam.

LANGE (F.). A Complete German Course for Use in Public Schools. By F. LANGE, PH.D., Professor R.M.A. Woolwich, Examiner in German to the College of Preceptors, London; Examiner in German at the Victoria University, Manchester. Crown 8vo.

Concise German Grammar. With special reference to Phonology, Comparative Philology, English and German Equivalents and Idioms. Comprising Materials for Translation, Grammar, and Conversation. Elementary, 2s.; Intermediate, 2s.; Advanced, 3s. 6d.

Progressive German Examination Course. Comprising the Elements of German Grammar, an Historic Sketch of the Teutonic Languages, English and German Equivalents, Materials for Translation, Dictation, Extempore Conversation, and Complete Vocabulary. I. Elementary Course, 2s. II. Intermediate Course, 2s. III. Advanced Course. *Second revised edition.* 1s. 6d.

Elementary German Reader. A Graduated Collection of Readings in Prose and Poetry. With English Notes and a Vocabulary. *4th edition.* 1s. 6d.

Advanced German Reader. A Graduated Collection of Readings in Prose and Poetry. With English Notes by F. LANGE, PH.D., and J. F. DAVIS, D.LIT. *2nd edition.* 3s.

MORICH (R. J.). German Examination Papers in Miscellaneous Grammar and Idioms. By R. J. MORICH, Manchester Grammar School. *2nd edition.* Crown 8vo, 2s. 6d. A Key, for Tutors only. 5s. net.

PHILLIPS (M. E.). Handbook of German Literature. By MARY E. PHILLIPS, LL.A. With Introduction by DR. A. WEISS, Professor of German Literature at R. M. A. Woolwich. Crown 8vo, 3s. 6d.

STOCK (DR.). Wortfolge, or Rules and Exercises on the order of Words in German Sentences. With a Vocabulary. By the late FREDERICK STOCK, D.LIT., M.A. Fcap. 8vo, 1s. 6d.

KLUGE'S Etymological Dictionary of the German Language. Translated by J. F. DAVIS, D.LIT. (Lond.). Crown 4to, 7s. 6d.

GERMAN ANNOTATED EDITIONS.

AUERBACH (B.). Auf Wache. Nouvelle von BERTHOLD AUERBACH. Der Geflorene Kuss. Nouvelle von OTTO ROQUETTE. Edited by A. A. MACDONELL, M.A., PH.D. *2nd edition.* Crown 8vo, 2s.

BENEDIX (J. R.). Doktor Wespe. Lustspiel in fünf Aufzügen von JULIUS RODERICHE BENEDIX. Edited by PROFESSOR F. LANGE, PH.D. Crown 8vo, 2s. 6d.

- EBERS (G.).** *Eine Frage.* Idyll von GEORG EBERS. Edited by F. STORR, B.A., Chief Master of Modern Subjects in Merchant Taylors' School. Crown 8vo, 2s.
- FREYTAG (G.).** *Die Journalisten.* Lustspiel von GUSTAV FREYTAG. Edited by PROFESSOR F. LANGE, PH.D. *4th revised edition.* Crown 8vo, 2s. 6d.
- **SOLL UND HABEN.** Roman von GUSTAV FREYTAG. Edited by W. HANBY CRUMP, M.A. Crown 8vo, 2s. 6d.
- GERMAN BALLADS** from Uhland, Goethe, and Schiller. With Introductions, Copious and Biographical Notices. Edited by C. L. BIELEFELD. *5th edition.* Fcap. 8vo, 1s. 6d.
- GERMAN EPIC TALES IN PROSE.** I. Die Nibelungen, von A. F. C. VILMAR. II. Walther und Hildegund, von ALBERT RICHTER. Edited by KARL NEUHAUS, PH.D., the International College, Isleworth. Crown 8vo, 2s. 6d.
- GOETHE.** *Hermann und Dorothea.* With Introduction, Notes, and Arguments. By E. BELL, M.A., and E. WÖLFEL. *3rd edition.* Fcap. 8vo, 1s. 6d.
- GOETHE. FAUST.** Part I. German Text with Hayward's Prose Translation and Notes. Revised, with Introduction by C. A. BUCHHEIM, PH.D., Professor of German Language and Literature at King's College, London. Small post 8vo, 5s.
- GUTZKOW (K.).** *Zopf und Schwert.* Lustspiel von KARL GUTZKOW. Edited by PROFESSOR F. LANGE, PH.D. Crown 8vo, 2s. 6d.
- HEY'S FABELN FÜR KINDER.** Illustrated by O. SPEKTER. Edited, with an Introduction, Grammatical Summary, Words, and a complete Vocabulary, by PROFESSOR F. LANGE, PH.D. Crown 8vo, 1s. 6d.
- The same. With a Phonetic Introduction, and Phonetic Transcription of the Text. By PROFESSOR F. LANGE, PH.D. Crown 8vo, 2s.
- HEYSE (P.).** *Hans Lange.* Schauspiel von PAUL HEYSE. Edited by A. A. MACDONELL, M.A., PH.D., Taylorian Teacher, Oxford University. Crown 8vo, 2s.
- HOFFMANN (E. T. A.).** *Meister Martin, der Küfner.* Erzählung von E. T. A. HOFFMANN. Edited by F. LANGE, PH.D. *2nd edition.* Crown 8vo, 1s. 6d.
- MOSER (G. VON).** *Der Bibliothekar.* Lustspiel von G. VON MOSER. Edited by F. LANGE, PH.D. *4th edition.* Crown 8vo, 2s.
- ROQUETTE (O.).** *See Auerbach.*
- SCHEFFEL (V. VON).** *Ekkehard.* Erzählung des zehnten Jahrhunderts, von VICTOR VON SCHEFFEL. Abridged edition, with Introduction and Notes by HERMAN HAGER, PH.D., Lecturer in the German Language and Literature in The Owens College, Victoria University, Manchester. Crown 8vo, 3s.
- SCHILLER'S Wallenstein.** Complete Text, comprising the Weimar Prologue, Lager, Piccolomini, and Wallenstein's Tod. Edited by DR. BUCHHEIM, Professor of German in King's College, London. *6th edition.* Fcap. 8vo, 5s. Or the Lager and Piccolomini, 2s. 6d. Wallenstein's Tod, 2s. 6d.
- *Maid of Orleans.* With English Notes by DR. WILHELM WAGNER. *3rd edition.* Fcap. 8vo, 1s. 6d.
- *Maria Stuart.* Edited by V. KASTNER, B.ès-L., Lecturer on French Language and Literature at Victoria University, Manchester. *3rd edition.* Fcap. 8vo, 1s. 6d.

ITALIAN.

- DANTE.** *The Inferno.* A Literal Prose Translation, with the Text of the Original collated with the best editions, printed on the same page, and Explanatory Notes. By JOHN A. CARLYLE, M.D. With Portrait. *2nd edition.* Small post 8vo, 5s.
- *The Purgatorio.* A Literal Prose Translation, with the Text of Bianchi printed on the same page, and Explanatory Notes. By W. S. DUGDALE. Small post 8vo, 5s.

BELL'S MODERN TRANSLATIONS.

A Series of Translations from Modern Languages, with Memoirs, Introductions, etc. Crown 8vo, 1s. each.

- GOETHE.** *Egmont.* Translated by ANNA SWANWICK.
- *Iphigenia in Tauris.* Translated by ANNA SWANWICK.
- HAUFF.** *The Caravan.* Translated by S. MENDEL.
- *The Inn in the Spessart.* Translated by S. MENDEL.
- LESSING.** *Laokoon.* Translated by E. C. BEASLEY.
- *Nathan the Wise.* Translated by R. DILLON BOYLAN.
- *Minna von Barnhelm.* Translated by ERNEST BELL, M.A.
- MOLIÈRE.** *The Misanthrope.* Translated by C. HERON WALL.
- *The Doctor in Spite of Himself.* (*Le Médecin malgré lui*). Translated by C. HERON WALL.
- *Tartuffe; or, The Impostor.* Translated by C. HERON WALL.
- *The Miser.* (*L'Avare*). Translated by C. HERON WALL.
- *The Shopkeeper turned Gentleman.* (*Le Bourgeois Gentilhomme*). Translated by C. HERON WALL.
- RACINE.** *Athalie.* Translated by R. BRUCE BOSWELL, M.A.
- *Esther.* Translated by R. BRUCE BOSWELL, M.A.
- SCHILLER.** *William Tell.* Translated by SIR THEODORE MARTIN, K.C.B., LL.D. *New edition, entirely revised.*
- *The Maid of Orleans.* Translated by ANNA SWANWICK.
- *Mary Stuart.* Translated by J. MELLISH.
- *Wallenstein's Camp and the Piccolomini.* Translated by J. CHURCHILL and S. T. COLERIDGE.
- *The Death of Wallenstein.* Translated by S. T. COLERIDGE.
- * * For other Translations of Modern Languages, see the Catalogue of Bohn's Libraries, which will be forwarded on application.

SCIENCE, TECHNOLOGY, AND ART.

CHEMISTRY.

- COOKE (S.).** *First Principles of Chemistry.* An Introduction to Modern Chemistry for Schools and Colleges. By SAMUEL COOKE, M.A., B.E., Assoc. Mem. Inst. C. E., Principal of the College of Science, Poona. *6th edition, revised.* Crown 8vo, 2s. 6d.
- *The Student's Practical Chemistry.* Test Tables for Qualitative Analysis. *3rd edition, revised and enlarged.* Demy 8vo, 1s.

STÖCKHARDT (J. A.). *Experimental Chemistry.* Founded on the work of J. A. STÖCKHARDT. A Handbook for the Study of Science by Simple Experiments. By C. W. HEATON, F.I.C., F.C.S., Lecturer in Chemistry in the Medical School of Charing Cross Hospital, Examiner in Chemistry to the Royal College of Physicians, etc. *Revised edition.* 5s.

BOTANY.

GROOM (P.). *Elementary Botany.* By PERCY GROOM, M.A. (Cantab. et Oxon.), F.I.S., Examiner in Botany to the University of Oxford. With numerous Illustrations. Crown 8vo. [*In the press.*]

HAYWARD (W. R.). *The Botanist's Pocket-Book.* Containing in a tabulated form the chief characteristics of British Plants, with the botanical names, soil, or situation, colour, growth, and time of flowering of every plant, arranged under its own order; with a copious Index. By W. R. HAYWARD. *7th edition, revised.* Fcap. 8vo, cloth limp, 4s. 6d.

LONDON CATALOGUE of British Plants. Part I., containing the British Phanogamia, Filices, Equisetaceæ, Lycopodiaceæ, Selaginellaceæ, Marsileaceæ, and Characeæ. *9th edition.* Demy 8vo, 6d.; interleaved in limp cloth, 1s. Generic Index only, on card, 2d.

MASSEÉ (G.). *British Fungus-Flora.* A Classified Text-Book of Mycology. By GEORGE MASSEÉ, Author of "The Plant World." With numerous Illustrations. 4 vols. post 8vo, 7s. 6d. each.

SOWERBY'S English Botany. Containing a Description and Life-size Drawing of every British Plant. Edited and brought up to the present standard of scientific knowledge, by T. BOSWELL (late SYME), LL.D., F.I.S., etc. *3rd edition, entirely revised.* With Descriptions of all the Species by the Editor, assisted by N. E. BROWN. 12 vols., with 1,937 coloured plates, £24 3s. in cloth, £26 11s. in half-morocco, and £30 9s. in whole morocco. Also in 89 parts, 5s., except Part 89, containing an Index to the whole work, 7s. 6d.

*. A Supplement, to be completed in 8 or 9 parts, is now publishing. Parts I., II., and III. ready, 5s. each, or bound together, making Vol. XIII. of the complete work, 17s.

TURNBULL (R.). *Index of British Plants,* according to the London Catalogue (Eighth Edition), including the Synonyms used by the principal authors, an Alphabetical List of English Names, etc. By ROBERT TURNBULL. Paper cover, 2s. 6d., cloth, 3s.

GEOLOGY.

JUKES-BROWNE (A. J.). *Student's Handbook of Physical Geology.* By A. J. JUKES-BROWNE, B.A., F.G.S., of the Geological Survey of England and Wales. With numerous Diagrams and Illustrations. *2nd edition, much enlarged,* 7s. 6d.

— *Student's Handbook of Historical Geology.* With numerous Diagrams and Illustrations. 6s.

"An admirably planned and well executed 'Handbook of Historical Geology.'"—*Journal of Education.*

— *The Building of the British Isles.* A Study in Geographical Evolution. With Maps. *2nd edition revised.* 7s. 6d.

MEDICINE.

- CARRINGTON (R. E.), and LANE (W. A.). A Manual of Dissections of the Human Body.** By the late R. E. CARRINGTON, M.D. (Lond.), F.R.C.P., Senior Assistant Physician, Guy's Hospital. *2nd edition.* Revised and enlarged by W. ARBUTHNOT LANE, M.S., F.R.C.S., Assistant Surgeon to Guy's Hospital, etc. Crown 8vo, 9s.
- "As solid a piece of work as ever was put into a book; accurate from beginning to end, and unique of its kind."—*British Medical Journal.*
- HILTON'S Rest and Pain.** Lectures on the Influence of Mechanical and Physiological Rest in the Treatment of Accidents and Surgical Diseases, and the Diagnostic Value of Pain. By the late JOHN HILTON, F.R.S., F.R.C.S., etc. Edited by W. H. A. JACOBSON, M.A., M.CH. (Oxon.), F.R.C.S. *6th edition.* 9s.
- HOBLYN'S Dictionary of Terms used in Medicine and the Collateral Sciences.** *12th edition.* Revised and enlarged by J. A. P. PRICE, B.A., M.D. (Oxon.). 10s. 6d.
- LANE (W. A.). Manual of Operative Surgery.** For Practitioners and Students. By W. ARBUTHNOT LANE, M.B., M.S., F.R.C.S., Assistant Surgeon to Guy's Hospital. Crown 8vo, 8s. 6d.

BELL'S AGRICULTURAL SERIES.

In crown 8vo, Illustrated, 160 pages, cloth, 2s. 6d. each.

- CHEAL (J.). Fruit Culture.** A Treatise on Planting, Growing, Storage of Hardy Fruits for Market and Private Growers. By J. CHEAL, F.R.H.S., Member of Fruit Committee, Royal Hort. Society, etc.
- FREAM (DR.). Soils and their Properties.** By DR. WILLIAM FREAM, B.Sc. (Lond.), F.L.S., F.G.S., F.S.S., Associate of the Surveyor's Institution, Consulting Botanist to the British Dairy Farmers' Association and the Royal Counties Agricultural Society; Prof. of Nat. Hist. in Downton College, and formerly in the Royal Agric. Coll., Cirencester.
- GRIFFITHS (DR.). Manures and their Uses.** By DR. A. B. GRIFFITHS, F.R.S.E., F.C.S., late Principal of the School of Science, Lincoln; Membre de la Société Chimique de Paris; Author of "A Treatise on Manures," etc., etc. *In use at Downton College.*
- **The Diseases of Crops and their Remedies.**
- MALDEN (W. J.). Tillage and Implements.** By W. J. MALDEN, Prof. of Agriculture in the College, Downton.
- SHELDON (PROF.). The Farm and the Dairy.** By PROFESSOR J. P. SHELDON, formerly of the Royal Agricultural College, and of the Downton College of Agriculture, late Special Commissioner of the Canadian Government. *In use at Downton College.*

Specially adapted for Agricultural Classes. Crown 8vo. Illustrated. 1s. each.

Practical Dairy Farming. By PROFESSOR SHELDON. Reprinted from the author's larger work entitled "The Farm and the Dairy."

Practical Fruit Growing. By J. CHEAL, F.R.H.S. Reprinted from the author's larger work, entitled "Fruit Culture."

TECHNOLOGICAL HANDBOOKS.

Edited by Sir H. Trueman Wood.

Specially adapted for candidates in the examinations of the City Guilds Institute. Illustrated and uniformly printed in small post 8vo.

- BEAUMONT (R.).** **Woollen and Worsted Cloth Manufacture.** By ROBERTS BEAUMONT, Professor of Textile Industry, Yorkshire College, Leeds; Examiner in Cloth Weaving to the City and Guilds of London Institute. *2nd edition.* 7s. 6d.
- BENEDIKT (R.), and KNECHT (E.).** **Coal-tar Colours, The Chemistry of.** With special reference to their application to Dyeing, etc. By DR. R. BENEDIKT, Professor of Chemistry in the University of Vienna. Translated by E. KNECHT, Ph.D. of the Technical College, Bradford. *2nd and enlarged edition.* 6s. 6d.
- GADD (W. L.).** **Soap Manufacture.** By W. LAWRENCE GADD, F.I.C., F.C.S., Registered Lecturer on Soap-Making and the Technology of Oils and Fats, also on Bleaching, Dyeing, and Calico Printing, to the City and Guilds of London Institute. 5s.
- HELLYER (S. S.).** **Plumbing: Its Principles and Practice.** By S. STEVENS HELLYER. With numerous Illustrations. 5s.
- HORNBY (J.).** **Gas Manufacture.** By J. HORNBY, F.I.C., Lecturer under the City and Guilds of London Institute. 5s.
- HURST (G. H.).** **Silk-Dyeing and Finishing.** By G. H. HURST, F.C.S., Lecturer at the Manchester Technical School, Silver Medallist, City and Guilds of London Institute. With Illustrations and numerous Coloured Patterns. 7s. 6d.
- JACOBI (C. T.).** **Printing. A Practical Treatise.** By C. T. JACOBI, Manager of the Chiswick Press, Examiner in Typography to the City and Guilds of London Institute. With numerous Illustrations. 5s.
- MARSDEN (R.).** **Cotton Spinning: Its Development, Principles, and Practice,** with Appendix on Steam Boilers and Engines. By R. MARSDEN, Editor of the "Textile Manufacturer." *4th edition.* 6s. 6d.
- **Cotton Weaving: Its Development, Principles, and Practice.** By R. MARSDEN. With numerous Illustrations. 10s. 6d.
- PHILIPSON (J.).** **Coach Building.** By JOHN PHILIPSON, M.INST.M.E., Past President of the Institute of British Carriage Manufacturers. With numerous illustrations. 6s.
- POWELL (H.), CHANCE (H.), and HARRIS (H. G.).** **Glass Manufacture.** Introductory Essay, by H. POWELL, B.A. (Whitefriars Glass Works); Sheet Glass, by HENRY CHANCE, M.A. (Chance Bros., Birmingham); Plate Glass, by H.G. HARRIS, Assoc. Memb. Inst. C.E. 3s. 6d.
- ZAEHNSDORF (J. W.).** **Bookbinding.** By J. W. ZAEHNSDORF, Examiner in Bookbinding to the City and Guilds of London Institute, With 8 Coloured Plates and numerous Diagrams. *3rd edition.* 5s.

MUSIC.

- BANISTER (H. C.).** **A Text Book of Music:** By H. C. BANISTER, Professor of Harmony and Composition at the R.A. of Music, at the Guildhall School of Music, and at the Royal Normal Coll. and Acad. of Music for the Blind. *15th edition.* Fcap. 8vo. 5s.

This Manual contains chapters on Notation, Harmony, and Counterpoint, Modulation, Rhythm, Canon, Fugue, Voices, and Instruments; together with exercises on Harmony, an Appendix of Examination Papers, and a copious Index and Glossary of Musical Terms.

- BANISTER (H. C.).** Lectures on Musical Analysis. Embracing Sonata Form, Fugue, etc., Illustrated by the Works of the Classical Masters. *2nd edition, revised.* Crown 8vo, 7s. 6d.
 — Musical Art and Study: Papers for Musicians. Fcap. 8vo, 2s.
- HUNT (H. G. BONAVIA).** A Concise History of Music, from the Commencement of the Christian era to the present time. For the use of Students. By REV. H. G. BONAVIA HUNT, Mus. Doc. Dublin; Warden of Trinity College, London; and Lecturer on Musical History in the same College. *14th edition, revised to date (1896).* Fcap. 8vo, 3s. 6d.

ART.

- BARTER (S.)** Manual Instruction—Woodwork. By S. BARTER Organizer and Instructor for the London School Board, and to the Joint Committee on Manual Training of the School Board for London, the City and Guilds of London Institute, and the Worshipful Company of Drapers. With over 300 Illustrations. Fcap. 4to, cloth. 7s. 6d.
- BELL (SIR CHARLES).** The Anatomy and Philosophy of Expression, as connected with the Fine Arts. By SIR CHARLES BELL, K.H. *7th edition, revised.* 5s.
- BRYAN'S** Biographical and Critical Dictionary of Painters and Engravers. With a List of Ciphers, Monograms, and Marks. A new Edition, thoroughly Revised and Enlarged. By R. E. GRAVES and WALTER ARMSTRONG. 2 volumes. Imp. 8vo, buckram, 3l. 3s.
- CHEVREUL** on Colour. Containing the Principles of Harmony and Contrast of Colours, and their Application to the Arts. *3rd edition,* with Introduction Index and several Plates. 5s.—With an additional series of 16 Plates in Colours, 7s. 6d.
- DELAMOTTE (P. H.).** The Art of Sketching from Nature. By P. H. DELAMOTTE, Professor of Drawing at King's College, London. Illustrated by Twenty-four Woodcuts and Twenty Coloured Plates, arranged progressively, from Water-colour Drawings by PROUT, E. W. COOKE, R.A., GIRTIN, VARLEY, DE WINT, and the Author. *New edition.* Imp. 4to, 21s.
- FLAXMAN'S CLASSICAL COMPOSITIONS,** reprinted in a cheap form for the use of Art Students. Oblong paper covers, 2s. 6d. each.
 Homer. 2 vols.—Æschylus.—Hesiod.—Dante.
- Lectures on Sculpture, as delivered before the President and Members of the Royal Academy. With Portrait and 53 plates. 6s.
- HARRIS (R.).** Geometrical Drawing. For Army and other Examinations. With chapters on Scales and Graphic Statics. With 221 diagrams. By R. HARRIS, Art Master at St. Paul's School. *New edition, enlarged.* Crown 8vo, 3s. 6d.
- HEATON (MRS.).** A Concise History of Painting. By the late MRS. CHARLES HEATON. *New edition.* Revised by COSMO MONKHOUSE. 5s.
- LELAND (C. G.).** Drawing and Designing. In a series of Lessons for School use and Self Instruction. By CHARLES G. LELAND, M.A., F.R.L.S. Paper cover, 1s.; or in cloth, 1s. 6d.
- Leather Work: Stamped, Moulded, and Cut, Cuir-Bouillé, Sewn, etc. With numerous Illustrations. Fcap. 4to, 5s.
- Manual of Wood Carving. By CHARLES G. LELAND, M.A., F.R.L.S. Revised by J. J. HOLTZAPFFEL, A.M. INST. C.E. With numerous Illustrations. Fcap. 4to, 5s.
- Metal Work. With numerous Illustrations. Fcap. 4to, 5s.

- LEONARDO DA VINCI'S Treatise on Painting.** Translated from the Italian by J. F. RIGAUD, R.A. With a Life of Leonardo and an Account of his Works, by J. W. BROWN. With numerous Plates. 5s.
- MOODY (F. W.). Lectures and Lessons on Art.** By the late F. W. MOODY, Instructor in Decorative Art at South Kensington Museum. With Diagrams to illustrate Composition and other matters. *A new and cheaper edition.* Demy 8vo, sewed, 4s. 6d.
- STRANGE (E. F.). Alphabets :** a Handbook of Lettering, compiled for the use of Artists, Designers, Handicraftsmen, and Students. With complete Historical and Practical Descriptions. By EDWARD F. STRANGE. With more than 200 Illustrations. *New edition.* Crown 8vo. 5s.
- WHITE (GLEESON). Practical Designing :** A Handbook on the Preparation of Working Drawings, showing the Technical Methods employed in preparing them for the Manufacturer and the Limits imposed on the Design by the Mechanism of Reproduction and the Materials employed. Edited by GLEESON WHITE. Freely Illustrated. *3rd edition.* Crown 8vo, 5s.
Contents:—Bookbinding, by H. ORRINSMITH—Carpets, by ALEXANDER MILLAR—Drawing for Reproduction, by the Editor—Pottery, by W. P. RIX—Metal Work, by R. LL. RATHBONE—Stained Glass, by SELWYN IMAGE—Tiles, by OWEN CARTER—Woven Fabrics, Printed Fabrics, and Floorcloths, by ARTHUR SILVER—Wall Papers, by G. C. HAITE.

MENTAL, MORAL, AND SOCIAL SCIENCES.

PSYCHOLOGY AND ETHICS.

- ANTONINUS (M. Aurelius). The Thoughts of.** Translated literally, with Notes, Biographical Sketch, Introductory Essay on the Philosophy, and Index, by GEORGE LONG, M.A. *Revised edition.* Small post 8vo, 3s. 6d., or *new edition on Handmade paper, buckram, 6s.*
- BACON'S Novum Organum and Advancement of Learning.** Edited, with Notes, by J. DEVEY, M.A. Small post 8vo, 5s.
- EPICTETUS. The Discourses of.** With the Encheiridion and Fragments. Translated with Notes, a Life of Epictetus, a View of his Philosophy, and Index, by GEORGE LONG, M.A. Small post 8vo, 5s., or *new edition on Handmade paper, 2 vols., buckram, 10s. 6d.*
- HEGEL'S Philosophy of Right.** Translated by S. W. DYDE, D.Sc., Professor of Mental Philosophy in Queen's College, Kingston, Canada. Large Post 8vo, 7s. 6d.
- KANT'S Critique of Pure Reason.** Translated by J. M. D. MEIKLEJOHN, Professor of Education at St. Andrew's University. Small post 8vo, 5s.
- **Prolegomena and Metaphysical Foundations of Science.** With Life. Translated by E. BELFORT BAX. Small post 8vo, 5s.
- LOCKE'S Philosophical Works.** Edited by J. A. ST. JOHN. 2 vols. Small post 8vo, 3s. 6d. each.
- RYLAND (F.). Psychology, an Introductory Manual for University Students,** designed chiefly for the London B.A. and B.Sc. By F. RYLAND, M.A., late Scholar of St. John's College, Cambridge. 7½

RYLAND (F.)—continued.

- edition, rewritten and enlarged.* With lists of books for Students, and Examination Papers set at London University. Crown 8vo, 4s. 6d.
- **Ethics: An Introductory Manual for the use of University Students.** With an Appendix containing List of Books recommended, and Examination Questions. Crown 8vo, 3s. 6d.
- **Logic.** An Introductory Manual for the use of University Students. Crown 8vo, 4s. 6d.

SCHOPENHAUER on the Fourfold Root of the Principle of Sufficient Reason, and On the Will in Nature. Translated by MADAME HILLEBRAND. Small post 8vo, 5s.

- **Essays.** Selected and Translated. With a Biographical Introduction and Sketch of his Philosophy, by E. BELFORT BAX. Small post 8vo, 5s.

SMITH (Adam). **Theory of Moral Sentiments.** With Memoir of the Author by DUGALD STEWART. Small post 8vo, 3s. 6d.

SPINOZA'S Chief Works. Translated, with Introduction, by R. H. M. ELWES. 2 vols. Small post 8vo, 5s. each.

Vol. I.—*Tractatus Theologico-Politicus*—Political Treatise.

II.—Improvement of the Understanding—Ethics—Letters.

HISTORY OF PHILOSOPHY.

BAX (E. B.). **Handbook of the History of Philosophy.** By E. BELFORT BAX. *2nd edition, revised.* Small post 8vo, 5s.

DRAPER (J. W.). **A History of the Intellectual Development of Europe.** By JOHN WILLIAM DRAPER, M.D., LL.D. With Index. 2 vols. Small post 8vo, 5s. each.

FALCKENBERG (R.). **History of Modern Philosophy.** By RICHARD FALCKENBERG, Professor of Philosophy in the University of Erlangen. Translated by Professor A. C. ARMSTRONG. Demy 8vo, 16s.

HEGEL'S Lectures on the Philosophy of History. Translated by J. SIBREE, M.A. Small post 8vo, 5s.

LAW AND POLITICAL ECONOMY.

KENT'S Commentary on International Law. Edited by J. T. ABDY, LL.D., Judge of County Courts and Law Professor at Gresham College, late Regius Professor of Laws in the University of Cambridge. *2nd edition, revised and brought down to a recent date.* Crown 8vo, 10s. 6d.

MONTESQUIEU'S Spirit of Laws. A New Edition, revised and corrected, with D'Alembert's Analysis, Additional Notes, and a Memoir, by J. V. PRITCHARD, A.M. 2 vols. Small post 8vo, 3s. 6d. each.

PROTHERO (M.). **Political Economy.** By MICHAEL PROTHERO, M.A. Crown 8vo, 4s. 6d.

RICARDO on the Principles of Political Economy and Taxation. Edited by E. C. K. GONNER, M.A., Lecturer in University College, Liverpool. Small post 8vo, 5s.

SMITH (Adam). **The Wealth of Nations.** An Inquiry into the Nature and Causes of. Reprinted from the Sixth Edition, with an Introduction by ERNEST BELFORT BAX. 2 vols. Small post 8vo, 3s. 6d. each.

HISTORY.

- BOWES (A.).** A Practical Synopsis of English History; or, A General Summary of Dates and Events. By ARTHUR BOWES. 11th edition. Revised and brought down to the present time. Demy 8vo, 1s.
- COXE (W.).** History of the House of Austria, 1218-1792. By ARCHDN. COXE, M.A., F.R.S. Together with a Continuation from the Accession of Francis I. to the Revolution of 1848. 4 vols. Small post 8vo. 3s. 6d. each.
- DENTON (W.).** England in the Fifteenth Century. By the late REV. W. DENTON, M.A., Worcester College, Oxford. Demy 8vo, 12s.
- DYER (Dr. T. H.).** History of Modern Europe, from the Taking of Constantinople to the Establishment of the German Empire, A.D. 1453-1871. By DR. T. H. DYER. A new edition. In 5 vols. £2 12s. 6d.
- GIBBON'S Decline and Fall of the Roman Empire.** Complete and Unabridged, with Variorum Notes. Edited by an English Churchman. With 2 Maps. 7 vols. Small post 8vo, 3s. 6d. each.
- GREGORIVUS' History of the City of Rome in the Middle Ages.** Translated by ANNIE HAMILTON. Vols. I., II., and III. Crown 8vo, 6s. each net. Vol. IV., in two parts, 9s. net. Vol. V., in two parts, 9s. net.
- GUIZOT'S History of the English Revolution of 1640.** Translated by WILLIAM HAZLITT. Small post 8vo, 3s. 6d.
- History of Civilization, from the Fall of the Roman Empire to the French Revolution. Translated by WILLIAM HAZLITT. 3 vols. Small post 8vo, 3s. 6d. each.
- HENDERSON (E. F.).** Select Historical Documents of the Middle Ages. Including the most famous Charters relating to England, the Empire, the Church, etc., from the sixth to the fourteenth centuries. Translated and edited, with Introductions, by ERNEST E. HENDERSON, A.B., A.M., PH.D. Small post 8vo, 5s.
- A History of Germany in the Middle Ages. Post 8vo, 7s. 6d. net.
- HOOPER (George).** The Campaign of Sedan: The Downfall of the Second Empire, August-September, 1870. By GEORGE HOOPER. With General Map and Six Plans of Battle. Demy 8vo, 14s.
- Waterloo: The Downfall of the First Napoleon: a History of the Campaign of 1815. With Maps and Plans. Small post 8vo, 3s. 6d.
- LAMARTINE'S History of the Girondists.** Translated by H. T. RYDE. 3 vols. Small post 8vo, 3s. 6d. each.
- History of the Restoration of Monarchy in France (a Sequel to his History of the Girondists). 4 vols. Small post 8vo, 3s. 6d. each.
- History of the French Revolution of 1848. Small post 8vo, 3s. 6d.
- LAPPENBERG'S History of England under the Anglo-Saxon Kings.** Translated by the late B. THORPE, F.S.A. New edition, revised by E. C. OTTÉ. 2 vols. Small post 8vo, 3s. 6d. each.
- MACHIAVELLI'S History of Florence, and of the Affairs of Italy from the Earliest Times to the Death of Lorenzo the Magnificent: together with the Prince, Savonarola, various Historical Tracts, and a Memoir of Machiavelli.** Small post 8vo, 3s. 6d.
- MARTINEAU (H.).** History of England from 1800-15. By HARRIET MARTINEAU. Small post 8vo, 3s. 6d.
- History of the Thirty Years' Peace, 1815-46. 4 vols. Small post 8vo, 3s. 6d. each.

- MAURICE (C. E.).** The Revolutionary Movement of 1848-9 in Italy, Austria, Hungary, and Germany. With some Examination of the previous Thirty-three Years. By C. EDMUND MAURICE. With an engraved Frontispiece and other Illustrations. Demy 8vo, 16s.
- MENZEL'S** History of Germany, from the Earliest Period to 1842. 3 vols. Small post 8vo, 3s. 6d. each.
- MICHELET'S** History of the French Revolution from its earliest indications to the flight of the King in 1791. Small post 8vo, 3s. 6d.
- MIGNET'S** History of the French Revolution, from 1789 to 1814. Small post 8vo, 3s. 6d.
- PARNELL (A.).** The War of the Succession in Spain during the Reign of Queen Anne, 1702-1711. Based on Original Manuscripts and Contemporary Records. By COL. THE HON. ARTHUR PARNELL, R.E. Demy 8vo, 14s. With Map, etc.
- RANKE (L.).** History of the Latin and Teutonic Nations, 1494-1514. Translated by P. A. ASHWORTH. Small post 8vo, 3s. 6d.
- History of the Popes, their Church and State, and especially of their conflicts with Protestantism in the 16th and 17th centuries. Translated by E. FOSTER. 3 vols. Small post 8vo, 3s. 6d. each.
- History of Servia and the Servian Revolution. Translated by MRS. KERR. Small post 8vo, 3s. 6d.
- SIX OLD ENGLISH CHRONICLES:** viz., Asser's Life of Alfred and the Chronicles of Ethelwerd, Gildas, Nennius, Geoffrey of Monmouth, and Richard of Cirencester. Edited, with Notes and Index, by J. A. GILES, D.C.L. Small post 8vo, 5s.
- STRICKLAND (Agnes).** The Lives of the Queens of England; from the Norman Conquest to the Reign of Queen Anne. By AGNES STRICKLAND. 6 vols. 5s. each.
- The Lives of the Queens of England. Abridged edition for the use of Schools and Families. Post 8vo, 6s. 6d.
- THIERRY'S** History of the Conquest of England by the Normans; its Causes, and its Consequences in England, Scotland, Ireland, and the Continent. Translated from the 7th Paris edition by WILLIAM HAZLITT. 2 vols. Small post 8vo, 3s. 6d. each.
- WRIGHT (H. F.).** The Intermediate History of England, with Notes, Supplements, Glossary, and a Mnemonic System. For Army and Civil Service Candidates. By H. F. WRIGHT, M.A., LL.M. Crown 8vo, 6s.
- For other Works of value to Students of History, see Catalogue of Bohn's Libraries, sent post-free on application.**

DIVINITY, ETC.

- ALFORD (DEAN).** Greek Testament. With a Critically revised Text, a digest of Various Readings, Marginal References to verbal and idiomatic usage, Prolegomena, and a Critical and Exegetical Commentary. For the use of theological students and ministers. By the late HENRY ALFORD, D.D., Dean of Canterbury. 4 vols. 8vo. £5 2s. Sold separately.
- The New Testament for English Readers. Containing the Authorized Version, with additional Corrections of Readings and Renderings, Marginal References, and a Critical and Explanatory Commentary. In 2 vols. £2 14s. 6d. Also sold in 4 parts separately.

- AUGUSTINE** de Civitate Dei. Books XI. and XII. By the REV. HENRY D. GEE, B.D., F.S.A. I. Text only. 2s. II. Introduction and Translation. 3s.
- In **Joannis Evangelium Tractates XXIV-XXVII**. Edited by the REV. HENRY GEE, B.D., F.S.A. I. Text only, 1s. 6d. II. Translation by the late REV. CANON H. BROWN. 1s. 6d.
- BARRETT** (A. C.). **Companion to the Greek Testament**. By the late A. C. BARRETT, M.A., Caius College, Cambridge. 5th edition. Fcap. 8vo, 5s.
- BARRY** (BP.). **Notes on the Catechism**. For the use of Schools. By the RT. REV. BISHOP BARRY, D.D. 11th edition. Fcap. 2s.
- BLEEK**. **Introduction to the Old Testament**. By FRIEDRICH BLEEK. Edited by JOHANN BLEEK and ADOLF KAMPHAUSEN. Translated from the second edition of the German by G. H. VENABLES, under the supervision of the REV. E. VENABLES, Residentiary Canon of Lincoln. 2nd edition, with Corrections. With Index. 2 vols. Small post 8vo, 5s. each.
- BURGON** (DEAN). **The Traditional Text of the Holy Gospels Vindicated and Established**. By the late JOHN WILLIAM BURGON, B.D., Dean of Chichester. Arranged, completed, and edited by EDWARD MILLER, M.A., Wykehamical Prebendary of Chichester Cathedral. Demy 8vo, 10s. 6d. net.
- **The Causes of the Corruption of the Traditional Text of the Holy Gospels**. Edited by the REV. EDWARD MILLER, M.A. Demy 8vo, 10s. 6d. net.
- BUTLER** (BP.). **Analogy of Religion**. With Analytical Introduction and copious Index, by the late RT. REV. DR. STEERE. Fcap. 3s. 6d.
- EUSEBIUS**. **Ecclesiastical History of Eusebius Pamphilus, Bishop of Cæsarea**. Translated from the Greek by REV. C. F. CRUSE, M.A. With Notes, a Life of Eusebius, and Chronological Table. Sm. post 8vo, 5s.
- GREGORY** (DR.). **Letters on the Evidences, Doctrines, and Duties of the Christian Religion**. By DR. OLINTHUS GREGORY, F.R.A.S. Small post 8vo, 3s. 6d.
- HUMPHRY** (W. G.). **Book of Common Prayer**. An Historical and Explanatory Treatise on the. By W. G. HUMPHRY, B.D., late Fellow of Trinity College, Cambridge, Prebendary of St. Paul's, and Vicar of St. Martin's-in-the-Fields, Westminster. 6th edition. Fcap. 8vo, 2s. 6d.
Cheap Edition, for Sunday School Teachers. 1s.
- JOSEPHUS** (FLAVIUS). **The Works of WHISTON'S Translation**. Revised by REV. A. R. SHILLETO, M.A. With Topographical and Geographical Notes by COLONEL SIR C. W. WILSON, K.C.B. 5 vols. 3s. 6d. each.
- LUMBY** (DR.). **Compendium of English Church History, from 1688-1830**. With a Preface by J. RAWSON LUMBY, D.D. Crown 8vo, 6s.
- MACMICHAEL** (J. F.). **The New Testament in Greek**. With English Notes and Preface, Synopsis, and Chronological Tables. By the late REV. J. F. MACMICHAEL. Fcap. 8vo (730 pp.), 4s. 6d.
Also the **Four Gospels**, and the **Acts of the Apostles**, separately. In paper wrappers, 6d. each.
- MILLER** (E.). **Guide to the Textual Criticism of the New Testament**. By REV. E. MILLER, M.A., Oxon, Rector of Bucknell, Bicester. Cr. 8vo, 4s.
- NEANDER** (DR. A.). **History of the Christian Religion and Church**. Translated by J. TORREY. 10 vols. Small post 8vo, 3s. 6d. each.
- **Life of Jesus Christ**. Translated by J. MCCLINTOCK and C. BLUMENTHAL. Small post 8vo, 3s. 6d.

- NEANDER (DR. A.).** *History of the Planting and Training of the Christian Church by the Apostles.* Translated by J. E. RYLAND. 2 vols. 3s. 6d. each.
- *Lectures on the History of Christian Dogmas.* Edited by DR. JACOB. Translated by J. E. RYLAND. 2 vols. Small post 8vo, 3s. 6d. each.
- *Memorials of Christian Life in the Early and Middle Ages.* Translated by J. E. RYLAND. Small post 8vo, 3s. 6d.
- PEARSON (BP.).** *On the Creed.* Carefully printed from an Early Edition. Edited by E. WALFORD, M.A. Post 8vo, 5s.
- PEROWNE (BP.).** *The Book of Psalms. A New Translation, with Introductions and Notes, Critical and Explanatory.* By the RIGHT REV. J. J. STEWART PEROWNE, D.D., Bishop of Worcester. 8vo. Vol. I. 8th edition, revised. 18s. Vol. II. 7th edition, revised. 16s.
- *The Book of Psalms. Abridged Edition for Schools.* Crown 8vo. 7th edition. 10s. 6d.
- SADLER (M. F.).** *The Church Teacher's Manual of Christian Instruction. Being the Church Catechism, Expanded and Explained in Question and Answer. For the use of the Clergyman, Parent, and Teacher.* By the REV. M. F. SADLER, Prebendary of Wells, and Rector of Honiton. 43rd thousand. 2s. 6d.
- *. A Complete List of Prebendary Sadler's Works will be sent on application.
- SCRIVENER (DR.).** *A Plain Introduction to the Criticism of the New Testament. With Forty-four Facsimiles from Ancient Manuscripts. For the use of Biblical Students.* By the late F. H. SCRIVENER, M.A., D.C.L., LL.D., Prebendary of Exeter. 4th edition, thoroughly revised, by the REV. E. MILLER, formerly Fellow and Tutor of New College, Oxford. 2 vols. Demy 8vo, 32s.
- *Novum Testamentum Græce, Textus Stephanici, 1550. Accedunt variae lectiones editionum Bezae, Elzeviri, Lachmanni, Tischendorfii, Tregellesii,* curante F. H. A. SCRIVENER, A.M., D.C.L., LL.D. *Revised edition.* 4s. 6d.
- *Novum Testamentum Græce [Editio Major] textus Stephanici, A.D. 1556. Cum variis lectionibus editionum Bezae, Elzeviri, Lachmanni, Tischendorfii, Tregellesii, Westcott-Hortii, versionis Anglicanae emendatorum curante F. H. A. SCRIVENER, A.M., D.C.L., LL.D., accedunt parallelæ s. scripturæ loca.* Small post 8vo. 2nd edition. 7s. 6d.
- An Edition on writing-paper, with margin for notes. 4to, halfbound, 12s.
- WHEATLEY.** *A Rational Illustration of the Book of Common Prayer. Being the Substance of everything Liturgical in Bishop Sparrow, Mr. L'Estrange, Dr. Comber, Dr. Nicholls, and all former Ritualist Commentators upon the same subject.* Small post 8vo, 3s. 6d.
- WHITAKER (C.).** *Rufinus and His Times. With the Text of his Commentary on the Apostles' Creed and a Translation. To which is added a Condensed History of the Creeds and Councils.* By the REV. CHARLES WHITAKER, B.A., Vicar of Natland, Kendal. Demy 8vo, 5s.
- Or in separate Parts.—1. Latin Text, with Various Readings, 2s. 6d. 2. Summary of the History of the Creeds, 1s. 6d. 3. Charts of the Heresies of the Times preceding Rufinus, and the First Four General Councils, 6d. each.
- *St. Augustine: De Fide et Symbolo—Sermo ad Catechumenos.* St. Leo ad Flavianum Epistola—Latin Text, with Literal Translation, Notes, and History of Creeds and Councils. 5s. Also separately, Literal Translation.
- *Student's Help to the Prayer-Book.* 3s.

SUMMARY OF SERIES.

BIBLIOTHECA CLASSICA.
PUBLIC SCHOOL SERIES.
CAMBRIDGE GREEK AND LATIN TEXTS.
CAMBRIDGE TEXTS WITH NOTES.
GRAMMAR SCHOOL CLASSICS.
PRIMARY CLASSICS.
BELL'S CLASSICAL TRANSLATIONS.
CAMBRIDGE MATHEMATICAL SERIES.
CAMBRIDGE SCHOOL AND COLLEGE TEXT BOOKS.
FOREIGN CLASSICS.
MODERN FRENCH AUTHORS.
MODERN GERMAN AUTHORS.
GOMBERT'S FRENCH DRAMA.
BELL'S MODERN TRANSLATIONS.
BELL'S ENGLISH CLASSICS.
HANDBOOKS OF ENGLISH LITERATURE.
TECHNOLOGICAL HANDBOOKS.
BELL'S AGRICULTURAL SERIES.
BELL'S READING BOOKS AND GEOGRAPHICAL READERS.

BIBLIOTHECA CLASSICA.

AESCHYLUS. By DR. PALEY. 8s.
CICERO. By G. LONG. Vols. I. and II. 8s. each.
DEMOSTHENES. By R. WHISTON. 2 Vols. 8s. each.
EURIPIDES. By DR. PALEY. Vols. II. and III. 8s. each.
HERODOTUS. By DR. BLAKESLEY. 2 Vols. 12s.
HESIOD. By DR. PALEY. 5s.
HOMER. By DR. PALEY. 2 Vols. 14s.
HORACE. By A. J. MACLEANK. 8s.
PLATO. Phaedrus. By DR. THOMPSON. 5s.
SOPHOCLES. Vol. I. By F. H. BLAYDES. 5s.
— Vol. II. By DR. PALEY. 6s.
VIRGIL. By CONINGTON AND NETTLESHIP. 3 Vols. 10s. 6d. each.

PUBLIC SCHOOL SERIES.

ARISTOPHANES. Perce. By DR. PALEY. 2s. 6d.
— Acharnians. By DR. PALEY. 2s. 6d.
— Frogs. By DR. PALEY. 2s. 6d.
— Plutus. By M. T. QUINN. 3s. 6d.
CICERO. Letters to Atticus. Book I. By A. PRETOR. 4s. 6d.
DEMOSTHENES. De Falsa Legatione. By R. SHILLETTO. 6s.
— Adv. Leptinem. By R. W. BEATSON. 3s. 6d.
LIVY. Book VI. By E. S. WEYMOUTH and G. F. HAMILTON. 2s. 6d.
— Books XXI. and XXII. By L. D. DOWDALL. 2s. each.
PLATO. Apology of Socrates and Crito. By DR. W. WAGNER. 3s. 6d. and 2s. 6d.
— Phaedo. By DR. W. WAGNER. 5s. 6d.
— Protagoras. By W. WAYTE. 4s. 6d.
— Gorgias. By DR. THOMPSON. 6s.
— Euthyphro. By G. H. WELLS. 3s.
— Euthydemus. By G. H. WELLS. 4s.
— Republic. By G. H. WELLS. 5s.
PLAUTUS. Aulularia. By DR. W. WAGNER. 4s. 6d.
— Trinummus. By DR. W. WAGNER. 4s. 6d.
— Menaechmei. By DR. W. WAGNER. 4s. 6d.
— Mostellaria. By E. A. SONNENSCHNEIN. 5s.

PUBLIC SCHOOL SERIES—continued.

- SOPHOCLES.** *Trachiniae.* By A. PRETOR. 4s. 6d.
 — *Oedipus Tyrannus.* By B. H. KENNEDY. 2s. 6d.
TERENCE. By DR. W. WAGNER. 7s. 6d.
THUCYDIDES. Book VI. By T. W. DOUGAN. 2s.

CAMBRIDGE GREEK AND LATIN TEXTS.

- AESCHYLUS.** By DR. PALEY. 2s.
CAESAR. By G. LONG. 1s. 6d.
CICERO. *De Senectute, de Amicitia, et Epistolae Selectae.* By G. LONG. 1s. 6d.
 — *Orationes in Verrem.* By G. LONG. 2s. 6d.
EURIPIDES. By DR. PALEY. 3 Vols. 2s. each.
HERODOTUS. By DR. BLAKESLEY. 2 Vols. 2s. 6d. each.
HOMER'S Iliad. By DR. PALEY. 1s. 6d.
HORACE. By A. J. MACLEANE. 1s. 6d.
JUVENAL AND PERSIUS. By A. J. MACLEANE. 1s. 6d.
LUCRETIUS. By H. A. J. MUNRO. 2s.
SALLUST. By G. LONG. 1s. 6d.
SOPHOCLES. By DR. PALEY. 2s. 6d.
TERENCE. By DR. W. WAGNER. 2s.
THUCYDIDES. By DR. DONALDSON. 2 Vols. 2s. each.
VIRGIL. By PROF. CONINGTON. 2s.
XENOPHON. By J. F. MACMICHAEL. 1s. 6d.
NOVUM TESTAMENTUM GRAECE. By DR. SCRIVENER. 4s. 6d.

CAMBRIDGE TEXTS WITH NOTES.

- AESCHYLUS.** By DR. PALEY. 6 Vols. 1s. 6d. each
EURIPIDES. By DR. PALEY. 13 Vols. (Ion, 2s.) 1s. 6d. each.
HOMER'S Iliad. By DR. PALEY. 1s.
SOPHOCLES. By DR. PALEY. 5 Vols. 1s. 6d. each.
XENOPHON. *Hellenica.* By REV. L. D. DOWDALL. Books I. and II. 2s. each
 — *Anabasis.* By J. F. MACMICHAEL. 6 Vols. 1s. 6d. each.
CICERO. *De Senectute, de Amicitia, et Epistolae Selectae.* By G. LONG. 3 Vols. 1s. 6d. each.
OVID. *Selections.* By A. J. MACLEANE. 1s. 6d.
 — *Fasti.* By DR. PALEY. 3 Vols. 2s. each.
TERENCE. By DR. W. WAGNER. 4 Vols. 1s. 6d. each.
VIRGIL. By PROF. CONINGTON. 12 Vols. 1s. 6d. each.

GRAMMAR SCHOOL CLASSICS.

- CAESAR.** *De Bello Gallico.* By G. LONG. 4s., or in 3 parts, 1s. 6d. each.
CATULLUS, TIBULLUS, and PROPERTIUS. By A. H. WRATISLAW and F. N. SUTTON. 2s. 6d.
CORNELIUS NEPOS. By J. F. MACMICHAEL. 2s.
CICERO. *De Senectute, De Amicitia, and Select Epistles.* By G. LONG. 2s.
HOMER. *Iliad.* By DR. PALEY. Books I.-XII. 4s. 6d., or in 2 Parts, 2s. 6d. each
HORACE. By A. J. MACLEANE. 3s. 6d., or in 2 Parts, 2s. each.
JUVENAL. By HERMAN PRIOR. 3s. 6d.
MARTIAL. By DR. PALEY and W. H. STONE. 4s. 6d.
OVID. *Fasti.* By DR. PALEY. 3s. 6d., or in 3 Parts, 1s. 6d. each.
SALLUST. *Catullina and Jugurtha.* By G. LONG and J. G. FRAZER. 3s. 6d. or in 2 Parts, 2s. each.
TACITUS. *Germania and Agricola.* By P. FROST. 2s. 6d.
VIRGIL. CONINGTON'S edition abridged. 2 Vols. 4s. 6d. each, or in 9 Part 1s. 6d. each.
 — *Bucolics and Georgics.* CONINGTON'S edition abridged. 3s.
XENOPHON. By J. F. MACMICHAEL. 2s. 6d., or in 4 Parts, 1s. 6d. each.
 — *Cyropaedia.* By G. M. GORHAM. 3s. 6d., or in 2 Parts, 1s. 6d. each.
 — *Memorabilia.* By PERCIVAL FROST. 3s.

PRIMARY CLASSICS.

- EASY SELECTIONS FROM CAESAR.** By A. M. M. STEDMAN. 1s.
EASY SELECTIONS FROM LIVY. By A. M. M. STEDMAN. 1s. 6d.
EASY SELECTIONS FROM HERODOTUS. By A. G. LIDDELL. 1s. 6d.

BELL'S CLASSICAL TRANSLATIONS.

- ÆSCHYLUS.** By WALTER HEADLAM. 6 Vols. [In the press.]
ARISTOPHANES. *Acharnians.* By W. H. COVINGTON. 1s.
 — *Plutus.* By M. T. QUINN. 1s.
CAESAR'S Gallic War. By W. A. McDEVITTE. 2 Vols. 1s. each.
CICERO. *Friendship and Old Age.* By G. H. WELLS. 1s.
DEMOSTHENES. *On the Crown.* By C. RANN KENNEDY. 1s.
EURIPIDES. 14 Vols. By E. P. COLERIDGE. 1s. each.
HORACE. 4 Vols. By A. HAMILTON BRUCE, LL.D. 1s. each.
LIVY. Books I.-IV. By J. H. FRESE. 1s. each.
 — Book V. and VI. By E. S. WEYMOUTH. 1s. each.
 — Book IX. By F. STORR. 1s.
LUCAN. *The Pharsalia.* Book I. By F. CONWAY. 1s.
OVID. *Faсти.* 3 Vols. By H. T. RILEY. 1s. each.
 — *Tristia.* By H. T. RILEY. 1s.
SOPHOCLES. 7 Vols. By E. P. COLERIDGE. 1s. each.
VIRGIL. 6 Vols. By A. HAMILTON BRUCE. 1s. each.
XENOPHON. *Anabasis.* 3 Vols. By J. S. WATSON. 1s. each.
 — *Hellenics.* Books I. and II. By H. DALE. 1s.

CAMBRIDGE MATHEMATICAL SERIES.

- ARITHMETIC.** By C. PENDLEBURY. 4s. 6d., or in 2 Parts, 2s. 6d. each.
 Key to Part II. 7s. 6d. net.
EXAMPLES IN ARITHMETIC. By C. PENDLEBURY. 3s., or in 2 Parts,
 1s. 6d. and 2s.
ARITHMETIC FOR INDIAN SCHOOLS. By PENDLEBURY and TAIT. 3s.
ELEMENTARY ALGEBRA. By J. T. HATHORNTHWAITHE. 2s.
CHOICE AND CHANCE. By W. A. WHITWORTH. 6s.
D C C EXERCISES (a companion to "Choice and Chance"). By W. A. WHIT-
 WORTH. 6s.
EUCLID. By H. DEIGHTON. 4s. 6d., or Books I.-IV., 3s.; Books V.-XI., 2s. 6d.
 or Book I., 1s.; Books I. and II., 1s. 6d.; Books I.-III., 2s. 6d.; Books III.
 and IV., 1s. 6d. Key. 5s. net.
INTRODUCTION TO EUCLID. By H. DEIGHTON and EMTAGE. 1s. 6d.
EXERCISES ON EUCLID, &c. By J. MCDOWELL. 6s.
ELEMENTARY MENSURATION. By B. T. MOORE. 3s. 6d.
ELEMENTARY TRIGONOMETRY. By C. PENDLEBURY. 4s. 6d.
ELEMENTARY TRIGONOMETRY. By DYER and WHITCOMBE. 4s. 6d.
PLANE TRIGONOMETRY. By T. G. VVVAN. 3s. 6d.
ANALYTICAL GEOMETRY FOR BEGINNERS Part I. By T. G.
 VVVAN. 2s. 6d.
ELEMENTARY GEOMETRY OF CONICS. By DR. TAYLOR. 4s. 6d.
GEOMETRICAL CONIC SECTIONS. By DR. W. H. BESANT. 4s. 6d.
 Key. 5s. net.
GEOMETRICAL CONIC SECTIONS. By H. G. WILLIS. 5s.
SOLID GEOMETRY. By W. S. ALDIS. 6s.
GEOMETRICAL OPTICS. By W. S. ALDIS. 4s.
ROULETTES AND GLISSETTES. By DR. W. H. BESANT. 5s.
ELEMENTARY HYDROSTATICS. By DR. W. H. BESANT. 4s. 6d.
 Solutions. 5s. net
HYDROMECHANICS. Part I. *Hydrostatics.* By DR. W. H. BESANT. 5s.
DYNAMICS. By DR. W. H. BESANT. 10s. 6d.
RIGID DYNAMICS. By W. S. ALDIS. 4s.
ELEMENTARY DYNAMICS. By DR. W. GARNETT. 6s.
ELEMENTARY TREATISE ON HEAT. By DR. W. GARNETT. 4s. 6d.
ELEMENTS OF APPLIED MATHEMATICS. By C. M. JESSOP. 4s. 6d.
PROBLEMS IN ELEMENTARY MECHANICS. By W. WALTON. 6s.
EXAMPLES IN ELEMENTARY PHYSICS. By W. GALLATLY. 4s.
MATHEMATICAL EXAMPLES. By DYER and PROWDE SMITH. 6s.

CAMBRIDGE SCHOOL AND COLLEGE TEXT BOOKS.

- ARITHMETIC.** By C. ELSEE. 3s. 6d.
 — By A. WRIGLEY. 3s. 6d.
EXAMPLES IN ARITHMETIC. By WATSON and GOUDIE. 2s. 6d.
ALGEBRA. By C. ELSEE. 4s.

CAMBRIDGE SCHOOL TEXTS—continued.

- EXAMPLES IN ALGEBRA. By MACMICHAEL and PROWDE SMITH. 3s. 6d. and 4s. 6d.
 PLANE ASTRONOMY. By F. T. MAIN. 4s.
 STATICS. By BISHOP GOODWIN. 3s.
 NEWTON'S Principia. By EVANS and MAIN. 4s.
 ANALYTICAL GEOMETRY. By T. G. VIVIAN. 4s. 6d.
 COMPANION TO THE GREEK TESTAMENT. By A. C. BARRETT. 5s.
 TREATISE ON THE BOOK OF COMMON PRAYER. By W. G. HUMPHRY. 2s. 6d.
 TEXT BOOK OF MUSIC. By H. C. BANISTER. 5s.
 CONCISE HISTORY OF MUSIC. By DR. H. G. BONAVIA HUNT. 3s. 6d.

FOREIGN CLASSICS.

- FÉNELON'S *Télémaque*. By C. J. DELILLE. 2s. 6d.
 LA FONTAINE'S *Select Fables*. By F. E. A. GASC. 1s. 6d.
 LAMARTINE'S *Le Tailleur de Pierres de Saint-Point*. By J. BOÏELLE. 1s. 6d.
 SAINTINE'S *Picciola*. By DR. DUBUC. 1s. 6d.
 VOLTAIRE'S *Charles XII.* By L. DIRRY. 1s. 6d.
 GERMAN BALLADS. By C. L. BIELEFELD. 1s. 6d.
 GOETHE'S *Hermann und Dorothea*. By E. BRILL and E. WÖLFEL. 1s. 6d.
 SCHILLER'S *Wallenstein*. By DR. BUCHHEIM. 5s., or in 2 Parts, 2s. 6d. each.
 — *Maid of Orleans*. By DR. W. WAGNER. 1s. 6d.
 — *Maria Stuart*. By V. KASTNER. 1s. 6d.

MODERN FRENCH AUTHORS.

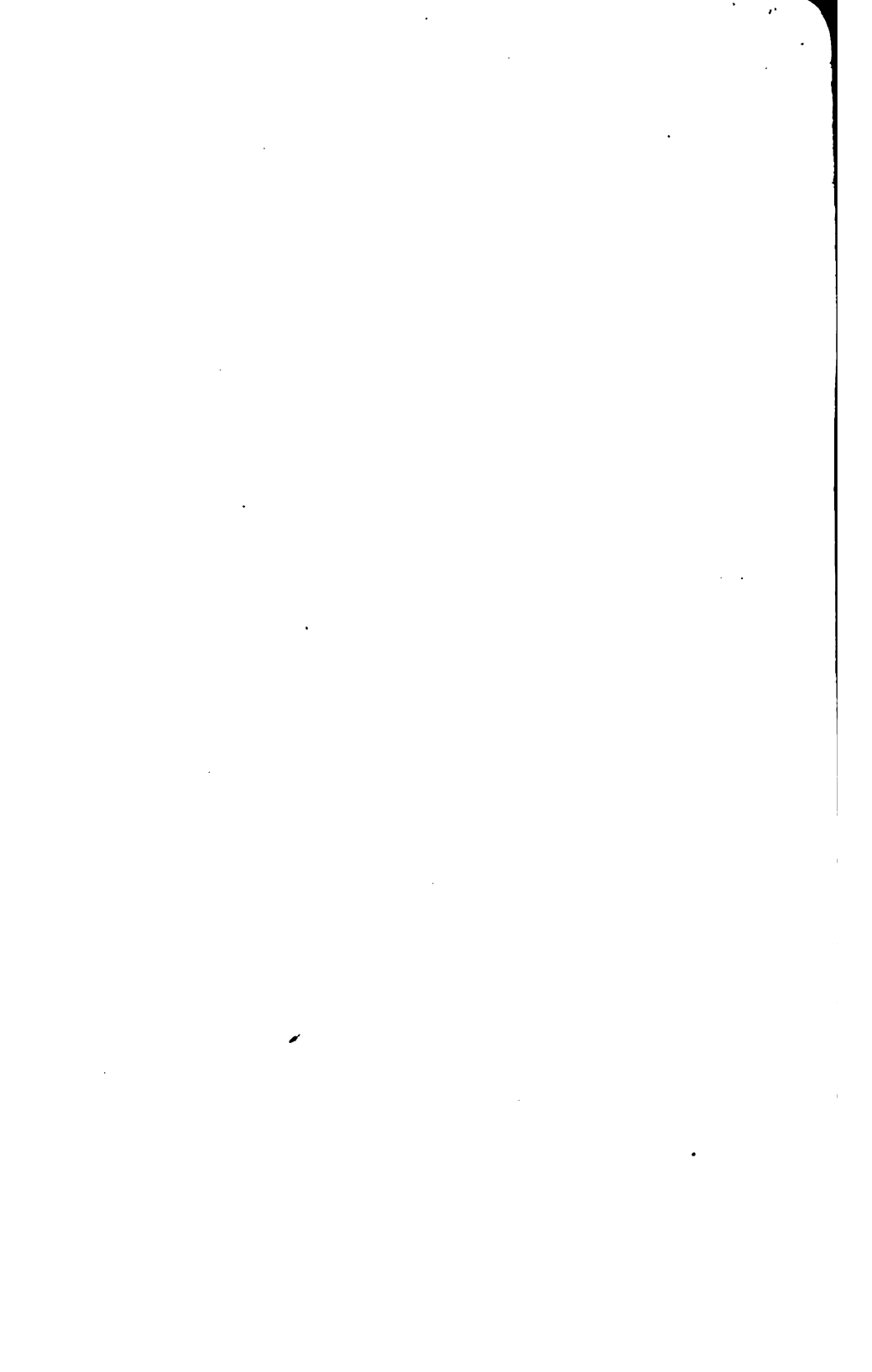
- BALZAC'S *Ursule Mirouët*. By J. BOÏELLE. 3s.
 CLARÉTIÉ'S *Pierrille*. By J. BOÏELLE. 2s. 6d.
 DAUDET'S *La Belle Nivernaise*. By J. BOÏELLE. 2s.
 GREVILLE'S *Le Moulin Frappier*. By J. BOÏELLE. 3s.
 HUGO'S *Bug Jargal*. By J. BOÏELLE. 3s.

MODERN GERMAN AUTHORS

- HEY'S *Fabeln für Kinder*. By PROF. LANGE. 1s. 6d.
 — — with *Phonetic Transcription of Text, &c.* 2s.
 FREYTAG'S *Soll und Haben*. By W. H. CRUMP. 2s. 6d.
 BENEDIX'S *Doktor Wespe*. By PROF. LANGE. 2s. 6d.
 HOFFMANN'S *Meister Martin*. By PROF. LANGE. 1s. 6d.
 HEYSE'S *Hans Lange*. By A. A. MACDONELL. 2s.
 AUERBACH'S *Auf Wache, and Roquette's Der Gefrorene Kuss*. By A. A. MACDONELL. 2s.
 MOSER'S *Der Bibliothekar*. By PROF. LANGE. 2s.
 EBERS' *Eine Frage*. By F. STORR. 2s.
 FREYTAG'S *Die Journalisten*. By PROF. LANGE. 2s. 6d.
 GUTZKOW'S *Zopf und Schwert*. By PROF. LANGE. 2s. 6d.
 GERMAN EPIC TALES. By DR. KARL NEUHAUS. 2s. 6d.
 SCHEFFEL'S *Ekkehard*. By DR. H. HAGER. 3s.

The following Series are given in full in the body of the Catalogue.

- GOMBERT'S French Drama. See page 31.
 BELL'S Modern Translations. See page 34.
 BELL'S English Classics. See pp. 2, 25.
 HANDBOOKS OF ENGLISH LITERATURE. See page 26.
 TECHNOLOGICAL HANDBOOKS. See page 37.
 BELL'S Agricultural Series. See page 36.
 BELL'S Reading Books and Geographical Readers. See pp. 25, 26.







3 6105 013 381 632

8731
JC 731

CECIL H. GREEN LIBRARY
STANFORD UNIVERSITY LIBRARIES
STANFORD, CALIFORNIA 94305-6004
(650) 723-1493

grncirc@sulmail.stanford.edu

All books are subject to recall.

DATE DUE

JAN 04 2000

JUN 18 2001

JUN 08 2001

