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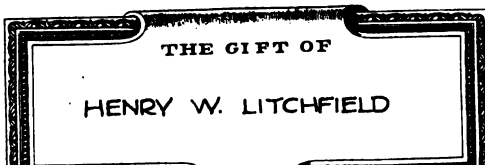
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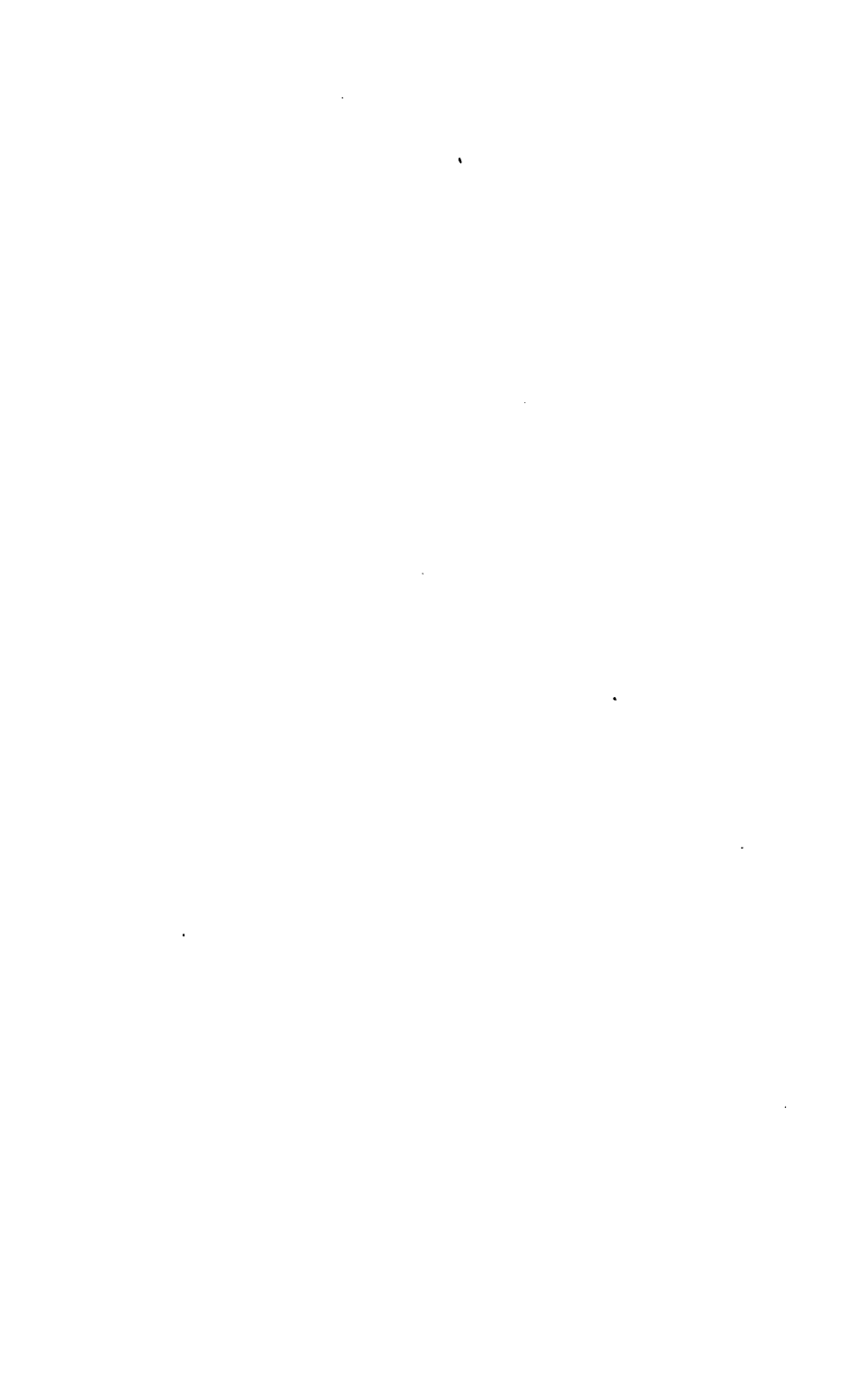
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OUTLINES

OF THE

HISTORY OF CLASSICAL PHILOLOGY

BY

ALFRED GUEDEMAN
UNIVERSITY OF PENNSYLVANIA

THIRD EDITION, REVISED AND ENLARGED

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PREFATORY NOTE.



A THIRD edition of these Outlines having been unexpectedly called for within two years, the author did not deem it expedient to enlarge the book to any considerable extent. It may serve for the present, as it seems to have done in the past, as a condensed but fairly complete survey of the History of Classical Learning.

The little book has been thoroughly revised, the bibliography brought up to date, and numerous biographical data, as well as other items of information, have been added.

PHILADELPHIA, May 6, 1897.

A. G.

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OUTLINES OF THE HISTORY OF CLASSICAL PHILOLOGY.

La philologie c'est la géologie du monde intellectuel.

BENOIST.

A. General Introduction.

- I. *a.* Φιλολόγος — its original meaning and semasiological development.

First met with in *Plato* (e.g. *Theaet.*, p. 146 *a*; *Laches*, p. 188; *Rep.*, p. 582; *Leges*, p. 641 *e*). Opp. to μισόλογος, βραχύλογος. Equivalent to πολύλογος, φιλόσοφος. φιλολογία = παιδεία (μουσική). Cf. *Plato*, *Phaed.* 61 *a*; *Isoc. de Antid.* 296: εὐτραπελίαν καὶ φιλολογίαν οὐ μικρὸν ἡγοῦνται συμβαλέσθαι μέρος, πρὸς τὴν τῶν λόγων παιδείαν, etc.

Alexandrian Period: Equivalent to φιλομαθής, πολυίστωρ (cf. *Plut. Alex.*, c. 8). In this sense first applied to *Eratosthenes*, and among the Romans to *Ateius Capito*. Cf. *Sueton. de gram.*, p. 108 R. "Philologi appellatōnem assumpsisse videtur quia, sicut Eratosthenes qui primus hoc cognomen sibi vindicavit, multiplicitate variaque doctrina censebatur."

Roman Period: φιλολογεῖν = learned conversation. Cf. *Cic. ad fam.* XVI 21; *Plut. Cato Min.* 6; *Ps. Plut. Vit. X Orat.*, p. 844 D. φιλόλογοι opp. to πολιτικοί — *Plut. Lyc.* 42. Opp. to φιλόσοφος — *Vita Plotini*, p. 116: φιλόλογος μὲν ὁ Λογγῖνος, φιλόσοφος δὲ μηδαμῶς. Opp. to ἀπαιδεντος — *Stob. Floril.* 428, 53. Philologus = vir studiosus, doctus — *Cic. ad Att.* XIII 12, 3; *Plut. de aud. poet.* 30 *d*. More closely allied to philologist in the modern sense in *Seneca*, *Ep.* 108, 29, quoted below.

b. Γραμματικός (γραμματική, sc. τέχνη) — its original meaning and semasiological development.

Conversant with γράμματα (*Plato*, *Phil.* 17 ; *Crat.*, p. 341 ; *Arist. Pol.* VIII 3 ; *Categ.* 9). γραμματιστής = a teacher of γράμματα (*Plato*, *Prot.* 312 ; *Legg.* VII 812).

Alexandrian Period: *Clem. Alex.* Στρωμ. I, p. 309 : Ἀπολλόδωρος (Ἀντόδωρος?) ὁ Κυμαῖος (Cf. *Susemihl Alex. Lit.* II, p. 664) πρῶτος τοῦ κριτικοῦ εἰσηγήσατο τοῦνομα καὶ γραμματικὸς προσηγορεύθη. Ἔνιοι δὲ Ἐρατοσθένη τὸν Κυρρηναῖον φασὶν ἐπειδὴ ἐξέδωκεν οὗτος βιβλία δύο γραμματικὰ ἐπιγράψας. ὠνομάσθη δὲ γραμματικός, ὡς νῦν (3d cent.) ὀνομάζομεν, πρῶτος Πραξιφάνης (c. 300 B.C.). Γραμματικὴ acc. to *Dionysius Thrax*: Ἐμπειρία ὡς ἐστὶ τὸ πλείστον τῶν παρὰ ποιηταῖς τε καὶ συγγραφεῦσι λεγομένων. Six subdivisions :

- | | | |
|---|---|---|
| <ol style="list-style-type: none"> 1. Ἀνάγνωσις ἐντριβῆς κατὰ προσφθίαν 2. Ἐξήγησις κατὰ ποιητικὸς τρόπους 3. Γλωσσῶν καὶ ἱστοριῶν πρόχειρος ἀπόδοσις 4. Ἐτυμολογίας εὔρεσις 5. Ἀναλογίας ἐκλογισμὸς 6. Κρίσις ποιημάτων — ὃ δὴ κάλλι-
στόν ἐστι πάντων ἐν τῇ τέχνῃ | } | <p>= τέχνη
μικρά,
ἀτελε-
στέρα.</p> <p>= τ. μακρά, ἐντελής.</p> |
|---|---|---|

Sext. Emp. adv. *Gramm.* I 4 (according to Apollonius Dyscolos?) Γραμματικὴ: 1. τεχνικόν; 2. ἱστορικόν; 3. ἰδιαίτερον. α. ἐξηγητικόν; β. κριτικόν; γ. διορθωτικόν.

Roman Period: *Sueton.* de gramm., p. 103 Rf.: “Appellatio grammaticorum Graeca consuetudine invaluit sed initio *litterati* vocabantur. Cornelius quoque Nepos libello quo distinguit *litteratum* ab *erudito*, *litteratos* vulgo quidem appellari ait eos qui diligenter aliquid et acute scienterque possint aut dicere aut scribere, ceterum proprie sic appellandos poetarum interpretes qui a Graecis grammatici nominentur.” *Cic.* de orat. I 42,

187 : grammatica = poetarum pertractio, historiarum cognitio, verborum interpretatio, pronuntiandi quidem sonus ; cp. also Orat. I 22 ; de div. I 11 ; *Quint.* I 2, 14 : si de loquendi ratione disserat (sc. grammaticus), si quaestiones explicet, historias exponat, poemata enarret. II 1, 4 grammaticae quam in Latinum transferentes *litteraturam* vocaverunt.

c. Κριτικός.

Among the Greeks: First found in *Ps. Plat.* Axioch. 366 E: ὁπότεν δὲ εἰς τὴν ἑπταετίαν ἀφίκηται πολλοὺς πόνους διαντλήσαν, παιδαγωγοὶ καὶ γραμματισταὶ καὶ παιδοτριβαὶ τυραννοῦντες. αὐξομένον δὲ κριτικοί, γεωμέτραι, τακτικοί, πολὺ πλῆθος δεσποτῶν. Κριτικός as a synonym of γραμματικός. Γραμματικὴ sometimes made subordinate to κριτικὴ. Cf. *Schol. ad Dionys. Thr.*, p. 673, 19 : ἐπιγέγραπται γὰρ τὸ παρὸν σύγγραμμα κατὰ μὲν τινὰς περὶ γραμματικῆς, κατὰ δὲ ἑτέρους περὶ κριτικῆς τέχνης. κριτικὴ δὲ λέγεται ἢ τέχνη ἐκ τοῦ καλλίστου μέρους. *Bekker, Anecd. Gr.*, p. 1140 : τὸ πρότερον κριτικὴ ἐλέγετο (sc. ἡ γραμματικὴ) καὶ οἱ ταύτην μετίοντες κριτικοί. *Dio Chrys.* 53 : οὐ μόνον Ἀρίσταρχος καὶ Κράτης καὶ ἕτεροι πλείους τῶν ὕστερον γραμματικῶν κληθέντων, πρότερον δὲ κριτικῶν. *Sext. Emp. adv. Gramm.*, § 248 : Ταυρίσκος γοῦν ὁ Κράτητος ἀκουστῆς ὥσπερ οἱ ἄλλοι κριτικοί, ὑποτάσσωσιν τῇ κριτικῇ τὴν γραμματικὴν, etc.

Among the Romans: *Cic. ad fam.* IX 10, 1 (quoted by *Suet.*, p. 111) : profert alter, opinor, duobus versiculis expensum Niciae ; alter Aristarchus hos ὀβελίζει. Ego tamquam *criticus* antiquus iudicaturus sum, utrum sint τοῦ ποιητοῦ ἀν παρεμβεβλημένοι. *Hor. Ep.* II 1, 51 : ut *critici* dicunt. Apparently not found elsewhere in Latin (for in *Quint.* II 1, 4 the reading is doubtful), *grammaticus* being the word commonly used. For the distinction between the various termini, see the locus classicus

OUTLINES OF THE HISTORY

in *Senec. Ep.* 108, 29 : Cum Ciceronis librum de republica prendit hinc *philologus* aliquis, hinc *grammaticus*, hinc *philosophiae* deditus alius alio curam suam mittit. *Philosophus* admiratur contra iustitiam dici tam multa potuisse. Cum ad hanc eandem lectionem *philologus* accessit, hoc subnotat : duos Romanos reges esse, quorum alter patrem non habet, alter patrem : nam de Servii matre dubitatur. Anci pater nullus, Numae nepos dicitur. Praeterea notat eum, quem nos dictatorem dicimus et in historiis ita nominari legimus, apud antiquos magistrum populi vocatum. Hodieque id exstat in auguralibus libris et testimonium est quod qui ab illo nominetur, magister equitum est. Aequè notat Romulum perisse solis defectione, provocationem ad populum etiam a regibus fuisse ; id ita in pontificalibus libris et alii putant et Fenestella. Eisdem libros cum *grammaticus* explicuit primum verba expressa, reapse dici a Cicerone id est re ipsa, in commentarium refert nec minus seipse id est se ipse, deinde transit ad ea quae consuetudo saeculi mutavit tamquam ait Cicero . . ‘ab ipsa calce . . revocati’ hanc quam nunc in circo cretam vocamus, calcem antiqui dicebant. Deinde Ennianos colligit versus et in primis illos de Africano scriptos . . . Felicem deinde se putat quod invenerit unde visum sit Vergilio dicere, ‘quem super ingens porta tonat caeli’ — Ennium, hoc ait, Homero subripuisse, Ennio Vergilium, esse enim apud Ciceronem in his ipsis de republica libris hoc epigramma Enni.

Cf. *I. Classen*, De grammaticae Graecae primordiis ; Bonn, 1829. *Lobeck*, Phrynichus, pp. 392 ff. *K. Lehrs*, De vocabulis φιλόλογος, γραμματικός, κριτικός (Appendix to Herodiani Scripta Tria, Berlin, 1857). *Gräfenhan*, Gesch. der class. Philologie, I, 336 ff. III, 4 ff. *Steinthal*, Gesch. d. Sprachwissenschaft bei den Griech. u. Röm. II², 14 ff. *Susemihl*, Gesch. der Alexand. Literat. I, 327 (see below).

II. PHILOLOGY IN MODERN TIMES :

Its various definitions, subdivisions and its scope.

In a *narrower* sense—Grammar, Lexicology, Textual Criticism, Hermeneutics, aesthetic or literary criticism ('Higher Criticism').

In a *wider* sense, it includes the study of ancient life in all its various, political, social and intellectual phases, as handed down to us in the literary, epigraphic and monumental documents of Greece and Rome.

Fr. Ast, Grundriss der Philol. 1808; *G. Bernhardt*, Grundlinien z. Encycl. der Philol. 1832; *Fr. Haase*, Ersch. u. Gruber Encycl. III Sect. 23 pp. 374-422; *Fr. Ritschl*, Opusc. V 1 ff.; *H. Reichardt*, Die Gliederung der Philologie 1846; *C. Hirzel*, Grundzüge zu einer Gesch. der Philol. 1872², pp. 41; *Aug. Boeckh*, Encyclop. und Methodol. 1886.

III. METHODS OF TREATMENT.

1. The SYNCHRONISTIC OR ANNALISTIC METHOD.

- a. History of a *single period*. E.g. the Alexandrian, the Renaissance.
- b. Philological history of a *single author*. E.g. Homeric criticism; Aristotle, history of his works (Shute).
- c. History of an *individual scholar* and his influence (Biography and Bibliography). E.g. *Monk*, Life of Bentley; *O. Ribbeck*, Ritschl, 'Ein Beitrag zur Gesch. der class. Philologie'; *D. Ruhnken*, Elogium Hemsterhusii; *Wytttenbach*, Vita Ruhnkenii; *M. Pattison*, Casaubon.

2. The EIDOGRAPHIC METHOD.

- a. e.g. The science of Greek Grammar (Bernhardt, Steinthal).
- b. e.g. The history of Hermeneutics and Textual Criticism (Blass), Epigraphy (Larfeld, Hübner, Mommsen).

3. The ETHNOGRAPHIC OR GEOGRAPHIC METHOD.

- a. History of a particular school*, e.g. at Alexandria or in Pergamum (Parthey, Wegener).
b. Philological history of a single nation, e.g. the Germans (Bursian), the Dutch (L. Müller).

B. History of Classical Philology.

General bibliography : *I. A. Fabricius*, *Bibliotheca Graeca*, ed. Harles ; 12 vols., 1838. *Id.*, *Bibliotheca Latina*, ed. Ernesti ; 2 vols., 1774. *E. Hübner*, *Bibliographie der classischen Alterthumswissenschaft* ; Berlin, 1889². *Urlichs*, in *I. Müller's Handbuch*, I 1², pp. 1-145.

I. THE GREEK PERIOD (5 cent.—146 B.C.).

Bibliography : *Gräfenhan*, *Gesch. der class. Philologie*, 4 vols. ; Bonn, 1843-50. *Lersch*, *Sprachphilosophie der Alten*, 1841. *Steinthal*, *Geschichte der Sprachwissenschaft bei den Griechen u. Römern*, 2 vols. ; Berlin, 1891². *E. Egger*, *Essai sur l'Histoire de la Critique chez les Grecs* ; Paris, 1886², pp. 570.

I. THE PRE-ALEXANDRIAN PERIOD, 5. cent.—322 († Aristotle).

a. The alleged recension of Homer by Peisistratus.

Cf. *Wilamowitz*, *Homer. Untersuch.*, p. 235 ff. *Flach*, *Peisistratus u. seine literarische Thätigkeit* ; Tübingen, 1885. Also *Ritschl*, *Opusc.* I, 31-60. 123 ff. 160-67. 196 ff.

b. The Sophists.

Cf. *W. O. Friedel*, *De sophistarum studiis Homericis*, Diss. Hallens. I, 1873, pp. 127 ff. *Gräfenhan*, I, 124-41. *L. Spengel*, *Συναγωγή τεχνῶν*, 1828. *Westermann*, *Griech. Beredsamkeit*, 1832. *Blass*, *Griech. Beredsamkeit*, Vol. I. *Cope*, *Aristotle's Rhetoric*, Vol. I, Introduction.

a. Gorgias of Leontini (arrived at Athens 427 B.C.).

Περὶ ὀνομάτων συνθέσεως—*ἰσόκωλα πάρισα ὁμοιοτέλευτα*. Oral instruction. A treatise on rhetoric falsely attributed to him by Dionysius, Diogenes Laertius and Quintilian. Cf. the literature cited above.

β. *Protagoras* of Abdera († 411 B.C.).

Περὶ ὀρθοέπειας—P. the first to distinguish grammatical moods and genders. Cp. *Aristoph.* *Clouds*, vv. 659 ff.

Cf. *Classen*, l. c., p. 28; *Lersch*, l. c., pp. 18 ff.; *Spengel*, pp. 52 ff., and the citations given above.

γ. *Prodicus* of Ceos (older contemporary of Socrates).
Founder of synonymics.

Cf. *Spengel*, l. c., pp. 46 ff.; *Lersch*, pp. 15 ff.; *Welcker*, *Rh. Mus.* I, 1-39, 563-643 (= *Kl. Schr.* II, 393-541).

c. *Literary Criticism in Attic Comedy*.

Cp. *Egger*, l. c., pp. 37-89.

d. *Plato* (427-347) as a philologist.

(1) Grammar (ὄνομα, ῥῆμα).

(2) Etymology (esp. in the *Cratylus*).

(3) Exegesis (Poem of Simonides in the *Protagoras*).

(4) Aesthetic or Literary Criticism (esp. in the *Republic*).

Cf. *Steinthal* I², 41-152 (on the *Cratylus*).

e. *The official copy of the three dramatists*.

Cf. *O. Korn*, *De publico Aesch., Soph., Eurip., fabularum exemplari Lycurgo auctore confecto*, Bonn, 1863; *Wilamowitz*, *Hermes*, XIV, 151; *Eurip. Heracl.* I, 130.

f. *ARISTOTLE* of Stagira, 384-322.

Dio Chrysost. LIII, p. 353 (294 R.): Ἄριστοτέλης, ἀφ' οὗ φασι τὴν κριτικὴν τε καὶ γραμματικὴν ἀρχὴν λαβεῖν.

(1) Edition of *Homer* (ἢ ἀπὸ τοῦ νόρθηκος; cf. *Plut. Alex.* 8: *Strabo*, XIII 594; *Schol. Iliad.* XXI 252; *Schol. Theocr.* I 34—Προβλήματα (?)).

(2) Grammar, style, *rhetoric* (Poet. c. 24 ff.: *Rhet.*, bk. III).

(3) *Aesthetic* criticism (*Poetics*, Περὶ ποιητῶν).

(4) Διδασκαλῆαι, *C. I. G.* I, 349 sqq.; *C. I. A.* II, 971-77.

Cf. *Ranke*, Vita Aristophanis (in Thiersch, Plutus, 1830), pp. 83 ff.; *Richter*, Arist. Wasps, Introd.; *U. Köhler*, Mittheil. d. Athen. Instit. III (1878), 112 f., 229 ff.

- (5) [Peplos]—Cf. *A. Wendling*, De peplo A., Strassb. Diss. 1891.

g. The Peripatetic School.

a. Heracleides Ponticus, pupil of Plato and Aristotle.

Cf. *Unger*, Rh. Mus. XXXVIII, 481 ff.; *L. Cohn*, Comment. Reiffersch., Breslau, 1884; *O. Voss*, De H. P. vita et scriptis, Rostock, 1897.

β. Theophrastus of Eresos, 372–287/6.

(1) *Περὶ κωμῳδίας* (Athen. 261 d).

(2) *Περὶ λέξεως* (Dionys. Hal. de Lys. c. 14).

Cf. *H. Usener*, De Dionysii Hal. imitatione reliquiae, Bonn, 1889. *Rabe*, De Th. libris *Περὶ λέξεως*, Bonn, 1890.

(3) *Περὶ μέτρων, περὶ σολοικισμῶν*, probably parts of

(2). Cf. the catalogue of his writings given by Diog. Laert. (from Hermippos) V 42–50.

γ. Aristoxenus ὁ μουσικός, of Tarentum.

Περὶ τραγῳδοποιῶν (esp. on Soph.), *περὶ τραγικῆς ὀρχήσεως, ἱστορικὰ τῆς μουσικῆς, περὶ μελοποιίας* — *Βίαι*.

Cf. *W. L. Mahne*, Diatribe de A., 1793, p. 220; *Pauly-Wissowa*, R. E. 1058 ff.

δ. Dicaearchus, 347–287.

Ἐπιθέσεις τῶν Εὐριπίδου καὶ Σοφοκλέους μύθων (hypothesis to Eur. Medea still extant).

Περὶ μουσικῶν ἀγῶνων (Schol. Arist. Ran. 1335; Vesp. 1290).

Cf. *F. Osann*, Beitr. zur griech. u. röm. Litteraturgesch. II, 1839, pp. 1 ff.; *Pauly*, R. E. II, 996 ff.; *M. Fuhr*, Dicaearchi quae supersunt etc., 1841; *Fabricius*, Bibl. Gr. III, 486–491.

h. Praxiphanes of Rhodes or Mytilene, floruit c. 300.

Ἐπιθέσεις γραμματικῶν; vid. Clem. Alex. cited above.

Teacher of Aratus and Callimachus.

Works: *Περὶ ποιητῶν, περὶ ἱστορίας, περὶ ποιημάτων*.

Cf. *L. Preller*, De Praxiphane (Ausgewählte Aufsätze, Berlin, 1864); *Susemihl*, I, 144 ff.; *Wilamowitz*, Hermes, XII, 326 ff.; Eur. Heracl. I, 16 Anm. 25; *R. Hirzel*, Hermes, XIII, 46 ff.; *R. Schöll* ibid. pp. 446 f.

i. Antigonos of Carystos, born c. 295.

(1) Lives of *contemporary philosophers*.

(2) Lives of *Greek sculptors and painters*.

Cf. *Wilamowitz*, Antigonos von Carystos (Philol. Unters. IV, 356); *Susemihl*, I, 468-75. 519-23. II, 675.

2. THE ALEXANDRIAN PERIOD, 322 (OR 305)—143 (†Aristarchus).

Chief work: *F. Susemihl*, Gesch. d. griech. Literat. in der Alexand. Zeit, 2 vols., 1892, pp. 907. 771.

General characteristics of the period. The great Library and Museum. Cf. *Couat*, pp. 1-50; *Susemihl*, I, 335 ff.; *Parthey*, Das Alexandrin. Museum, Berlin, 1838; *Ritschl*, Opusc. I, 1-70. 123-72. 197-237; *Bernhardy*, Gesch. d. griech. Literat. I⁴, 509-43 II, 699 ff.; *Wilamowitz*, Eur. Heracl., I, 121 ff.; *Renan*, E., Mélanges d'histoire dans l'antiquité, Paris, 1878 (Les grammairiens grecs pp. 389-410. 427-440).

a. Philetas of Cos, 339-289/5.

*Ατακτα (*Ατακτοὶ γλῶσσαι, Γλῶσσαι). The first attempt at a Homeric lexicon. Cf. Aristarchus, Πρὸς Φιλητᾶν.

On *Philetas* as a poet, vide *Couat*, La Poésie Alexandrine, Paris, 1882, pp. 68 ff.; *Susemihl*, I, 174 ff.

b. Zenodotus of Ephesus, c. 325-c. 260.

Pupil of Philetas. First librarian of Alexandria.

(1) Collection of the works of the *epic* and *lyric* poets.

Cf. Schol. Plautinum; *Ritschl*, Opusc. I. c.

(2) Γλῶσσαι Ὀμηρικαί (Schol. Od. 3, 444; Schol. Apoll. Rhod. II 1005).

(3) Διόρθωσις (or ἔκδοσις) Ὀμήρου, the first scientific edition of the Iliad and the Odyssey. Published shortly before 274 B.C.

On his critical method, cf. *F. A. Wolf*, Proleg. c. 43; *Sengebusch*, Diss. Hom. I, 21 ff.; *Düntzer*, De Zenodoti studiis Homericis, Göttingen, 1848; *Römer*, Ueber die Homerrecension des Zenodot (Münchener Acad. I, Cl. XVII, 639-722 (1885); *Susemihl*, I, 327-35; *Pusch*, Quaest. Zenod. (Diss. Hall. XI, 119-216).

c. *Alexander Aetolus*, floruit c. 285 B.C.

Collection of the *Greek tragic poets* in the Alexand. Library.

Cf. *Ritschl*, l. c., pp. 2-4. 199 f. On his poetry: *Meineke*, Anal. Alex. pp. 215 ff.; *Susemihl*, I, 187-90; *Couat*, pp. 105 ff.

d. *Lycophron of Chalcis*, c. 285 B.C.

(1) Collection of the *comic poets* in the Alexand. Library.

Cf. *Ritschl*, l. c.

(2) Περὶ κωμῶδίας in at least 9 books. The oldest work of its kind.

Cf. *K. Strecker*, De Lycophrone Euphronio Eratosthene comicorum interpretibus, Greifswald, 1884 (with collection of fragments); *Susemihl*, I, 274. 426.

e. *CALLIMACHUS of Cyrene*, c. 310-C. 240.

Second librarian of Alexandria. Μέγα βιβλίον, μέγα κακόν. *Chiefwork*: Πίνακες τῶν ἐν πάσῃ παιδείᾳ διαλαμψάντων καὶ ὧν συνέγραψαν, 120 books. On the classification and contents of this catalogue:

Cf. *O. Schneider*, Callimachea, II, 297-322; *Wachsmuth*, Philol. XVI, 653 ff.; *Gräfenhan*, II, 182 ff.; *Susemihl*, I, 337 f. On the *Homeric studies* of C., cf. *F. von Jan*, De C. Homeri interprete, Strassb. Diss. 1893, pp. 110.—On C. as a poet, cf. *Couat*, pp. 111-284; *Susemihl*, I, 347-73.

f. *ERATOSTHENES of Cyrene*, c. 276-196.

Ὁ φιλόλογος, the first to assume that name. Cf. *Sucton*. p. 108 R. *Third* librarian of Alexandria. One of the most versatile and learned scholars of all times. (ὁ πένταθλος, Βῆτα, cf. *Suidas* s. v. Ἐρατοσθένης.)

(1) Γεωγραφικά, 3 books. The first scientific treatment of the subject.

Cf. *Berger*, *Gesch. der wissenschaftl. Erdkunde bei den Griech.* III, 57-112, Lpz. 1891.

(2) Περὶ χρονογραφιῶν.

Cf. *Diels*, *Rh. Mus.* XXXI, 1 ff.; *Niese*, *Hermes*, XXIII, 92 ff.

(3) Ὀλυμπιονίκαι.

Cf. *Bernhardy*, *Eratosthenica*, pp. 247 ff.

(4) Περὶ τῆς ἀρχαίας κωμωδίας, in at least 12 books. "A philological masterpiece."

Cf. *Strecker*, l. c.; *Wilamowitz*, *Hermes*, XXI, 597 f. XXIV, 44; *Bernhardy*, l. c., pp. 203-37, and *Susemihl*, I, 409-28.

g. ARISTOPHANES of *Byzantium*, c. 257-c. 180.

Librarian, successor of Eratosthenes or Apollonius Rhodius. The greatest philologist of antiquity.

(1) *Invention (?) of accents, punctuation* (acc. to Arca-
dius, p. 186 ff.).

Cf. *Nauck*, pp. 12 ff.; *Wilamowitz*, l. c., pp. 127 f.; *Susemihl*, I, 432. 901; *Usener* ap. *eudem*, II, 672.

(2) Κριτικὰ σημεῖα. On the symbols themselves
see below.

Cf. *Nauck*, pp. 15-18.

(3) *Editions with critical signs to—*

a. *Homer* (Διόρθωσις Ὀμήρου). Cf. *Wolf*, *Proleg.*
c. 44; *Nauck*, l. c., pp. 25-58. Close of the *Odys-*
sey, XXIII, 296. On his method of criticism,
see *Wilamowitz* below.

β. *Hesiod*, *Theogony* (cf. *Schol. Theog.* 68).

γ. *Alcaeus*, *Anacreon*, *Pindar* and perhaps *Simonides*
(*Dionys. de comp. verb.* 26).

δ. *Euripides* (*Schol. Or.* 714. 1287; *Hipp.* 172).

Cf. *Nauck*, p. 62 f.

ε. *Aristophanes* (*Schol. Av.* 1342; *Thesm.* 162. 917;
Ran. 152 f.; *Nub.* 958).

Cf. *Nauck*, pp. 18. 63-66.

ζ. *Menander* (?). Cf. his saying: "ὦ Μένανδρε καὶ
βίε, πότερος ἄρ' ὑμῶν πότερον ἀπεμιμήσατο;"

- (4) Ὑποθέσεις to Soph. Eur. Arist. and perhaps Aesch. (probably prefixed to his editions). Contents : Argument of the play, its sources, didascalica, aesthetic judgment. The following extant fragments of ὑποθέσεις are probably ultimately based upon those of Aristophanes :

Aeschylus : Persae, Sept. adv. Theb., *Agam.*, Eumen., Prom.

Sophocles : Oed. Col., Philoct., Ant. Oed. Rex (metrical) [Aiax].

Euripides : Hecuba, *Orest.*, *Phoen.*, Medea, *Hypopol.*, *Alcest.*, *Androm.*, Troad. [*Rhesos*], Ion, Iphig. Taur., Bacch., Heracleid., Helena, Hercul. Fur., Cyclops (none extant to Suppl., Iph. Aul., Electra).

Aristophanes : Acharn. I, II (metrical) ; Equit. I, II, III (met.) ; Nub. I, II, III, IV (met.), V, VI, VII (VIII, IX, X) ; Vesp. I, II (met.) ; Pax, I, II, III, IV (met.) ; Aves, I, II, III, IV (met.) : Lysist. I, II (met.) ; Ranae, I, II (met.), (III, IV) ; Eccl. I, II (met.) ; Plut. I, II, III, IV, [V], VI (met.).

Cf. *F. W. Schneidewin*, De hypothesibus tragoed. Graec. Aristoph. Byz. vindicandis (Abh. der Gött. Gesell. der Wiss., Vol. IV, 1853-55) ; *Nauck*, l. c., pp. 255 ff. ; *Trendelenburg*, Grammat. Graec. de arte trag. iudiciorum reliquiae, Bonn, 1867.

(5) Παράλληλοι Μενάνδρου τε καὶ ἀφ' ὧν ἔκλειψεν.

(6) Περὶ προσώπων (perhaps the ultimate source of Pollux, IV 133-54).

Cf. *Nauck*, pp. 275 ff. ; *Rohde*, De I. P. . . fontibus, Lpz. 1870.

(7) Παροιμίαι (μετρικαὶ and ἄμετροι) in 6 books.

Cf. *Nauck*, pp. 235-42 ; *Leutsch*, Philol. III, 566.

(8) Περὶ ἀναλογίας.

Nauck, pp. 264 ff.

(9) Περὶ τῆς ἀχνυμένης σκυτάλης, a treatise on a passage in Archilochus (fragm. 89, 2).

Nauck, pp. 273 ff.

- (10) Λέξεις—Περὶ τῶν ὑποπτεομένων μὴ εἰρησθαι τοῖς παλαιοῖς, περὶ ὀνομασίας ἡλικιῶν, περὶ συγγενικῶν ὀνομάτων—Ἀττικαὶ λέξεις, Λακωνικαὶ γλῶσσαι. The first scientific work on lexicography. About 100 fragments preserved.

Cf. *Nauck*, l. c., pp. 69–190; *Rh. Mus.* VI, 322–51; *Fresenius*, *De λέξεων Aristophanearum et Suetonianarum excerptis Byzantinis*, Wiesbaden, 1875; *L. Cohn*, *Jahrb. f. Philol. Suppl.* XII, 283–374.

- (11) Πρὸς πίνακας Καλλιμάχου. Of this supplement to the great catalogue of Callimachus, the extant distribution of the Platonic Dialogues into trilogies (*Diog. Laert.* III 61 f.) formed probably a part.

- (12) Κανόνες or lists of 'best authors.' Cf. *Quint.* X 1, 54: "Apollonius in ordinem a grammaticis datum non venit quia Aristarchus atque Aristophanes neminem sui temporis in ordinem redegerunt"; vid. also X 1, 59 and I 4, 3.

For extant ancient lists cf. *Usener*, *Dionysii Halic. librorum de imitatione reliquiae*, Bonn, 1889, pp. 130 ff. On the probable character, contents and origin of these canones, cf. *Ranke*, *Vita Aristoph.*, pp. 104 ff.; *Steffen*, *De canone qui dicitur Aristophanis et Aristarchi*, Lpz. 1876; *Brzoska*, *De canone decem oratorum*, Breslau, 1883; *P. Hartmann*, *De canone decem oratorum*, Göttingen, 1891, and *Susemihl*, I, 445. 484 II, 674 f. 694–97.

On *Aristophanes* in general cf. *A. Nauck*, *Aristophanis Byzantii Fragmenta*, Halle, 1848, p. 338; *Susemihl*, I, 428–48; *Wilamowitz*, *Eur. Heracles*, I, 137–53; *Pauly-Wissowa*, R. E. 994–1004.

h. ARISTARCHUS of *Samothrace*, 217/5–145/3.

- Ὀμηρικός, ὁ κριτικός, πάνυ ἄριστος γραμματικός (Schol. Hom. B. 316) ὁ ἀνὴρ (Herodianus in Schol. B. 153) μάντις (Athen. XIV 634). Hor. A. P. 450 fiet Aristarchus Cic. ad Att. I 14, 3 meis orationibus, quarum tu Aristarchus es. ad fam. IX 10, 1. 800 ὑπομνήματα. Difference betw. ὑπομνήματα and συγγράμ-

ματα. The latter more highly esteemed than the former. Cf. *Didymus* (Schol. B 111) : εἰ γὰρ τὰ συγγράμματα τῶν ὑπομνημάτων προτάττομεν.

- (1) *Edition of Homer*. Two editions. Cf. *Lehrs*, p. 23 ; *Ludwich*, I, 17 ff. Cp. Schol. K 397 : Ammonius, the successor of Aristarchus, the author of a treatise "Περὶ τοῦ μὴ γεγονέναι πλείονας (sc. τῶν δύο) ἐκδόσεις τῆς Ἀρισταρχείου διορθώσεως."
- (2) *Συγγράμματα* — Περὶ Ἰλιάδος καὶ Ὀδυσσεΐας (Schol. I 349), Πρὸς Φιλητῶν (Schol. A 524, B 111), Πρὸς Κωμανόν (Schol. A 97, B 798, Ω 110), Πρὸς τὸ Ξένωνος παράδοξον (Schol. M 435 and *Susemihl*, II, 149 f.), Περὶ τοῦ ναυσταθμοῦ with a map or διάγραμμα (K 53, M 258, O 449, Λ 166, 807).

On his critical method cf. *Wolf*, Proleg., pp. 226 ff. ; *Lehrs*, De Aristarchi studiis Homericis, Königsberg, 1882⁸ (1833¹) ; *Sengebusch*, Diss. Hom. I, 24 ff. ; *Ludwich*, Aristarch's Homerische Textkritik nach den Fragmenten des Didymus, 2 vols., Lpz. 1885 ; *Wilamowitz*, Homer. Unters., pp. 383 ff. ; Eurip. Heracles, I, 154 ; *Susemihl*, I, 451-63 ; *Jebb*, Homer, Boston, 1888, pp. 92 ff.

- (3) Ὑπομνήματα 'commentaries' and ἐκδόσεις 'editions' with 'critical signs' to —

a. *Hesiod*.

Cf. *Flach*, Jahrb. f. Phil. 109 (1874), pp. 815 ff. ; 115 (1877), pp. 433 ff. ; *Waeschke*, De Aristarchi studiis Hesiodiis (Acta Sem. Lips. 1874) ; *Schömann*, Opusc. II, 510 ff. III, 47 ff.

β. Commentary to *Archilochus* (*Clem. Strom.* I 326 D).

γ. Edition of *Alcaeus* (*Hephaest.*, p. 136) and perhaps of *Anacreon*, certainly a commentary on this poet (*Athen.* XV 671 f., ἐξηγούμενος).

δ. *Pindar* (edition and commentary).

Feine, De Aristarcho Pindari interprete (Diss. Ienen. II, 253-327) ; *Horn*, De Aristarchi studiis Pindaricis, Greifswald, 1883 ; *Susemihl*, I, 460 ff. ; *Lehrs*, Pindarscholien, Lpz. 1873.

ε. Commentary to *Aeschylus*, at all events to the *Λυκοῦργος* (Schol. *Theocr.* X 18). To *Ion*, at least to the Ὀμφάλη (*Athen.* XIV 634 c).

ζ. Commentaries to *Sophocles*.

Cf. *M. Schmidt*, Didymi fragmenta, Lpz. 1854, p. 262.

η. Commentary to *Aristophanes*.

O. Gerhard. De Aristarcho Aristophanis interprete, Bonn, 1850; *Schneider*, De Aristophanis schol. font., pp. 86 f.

(4) A.'s contributions to *grammar*. The first to distinguish *eight parts of speech*. Cf. *Quint.* I 4, 20; *Schömann*, Redetheile, p. 12; *Steinthal*, l. c.

Plato — 1. ὄνομα and 2. ῥῆμα; cf. *Classen*, l. c., pp. 43-52.

Aristotle (and Theodectes) — 1. ὄνομα, 2. ῥῆμα, 3. ἄρθρον 'article,' 4. συνδεσμός 'conjunction,' *ibid.*, p. 55 ff. According to *Dionysius*, De comp. verb. 2 (= *Quint.* I 4), the article was not as yet recognized by these as a separate part of speech, but see *Classen*, p. 59 f.

Stoics (Chrysippus) — 1. ὄνομα, 2. προσηγορία 'appellatio,' 'proper names,' 3. ῥῆμα, 4. συνδεσμός, 5. ἄρθρον 'article and pronoun,' 6. μεσότης (πανδέκτης) 'adverb' added by Antipater.

Aristarchus — 1. ὄνομα, 2. ῥῆμα, 3. ἀντωνυμία 'pronoun,' 4. ἐπίρρημα 'adverb,' 5. μετοχή 'participle,' 6. ἄρθρον, 7. συνδεσμός, 8. πρόθεσις 'preposition.'¹

Cf. *Classen*; *Lersch*; *Steinthal*, vol. II; *Schömann*, ll. cc.; *R. Schmidt*, Stoicorum grammatica, Halle, 1839; *Th. Rumpel*, Casuslehre, Halle, 1845, pp. 1-70; *Ribbach*, De A. arte grammatica, Nürnberg, 1883.

¹ The ancients, accustomed to see in Homer the fountain of all wisdom, supposed these *eight* parts of speech to have been well known to him, citing in proof of this the following lines:

Iliad, I 185: αὐτὸς ἰὼν κλισίῃνδε τὸ σὸν γέρας ὄφρ' εὐ εἰδῆς.

Iliad, XXII 59: πρὸς δέ με τὸν δύστηνον ἔτι φρονέοντ' ἐλέησον.

(5) *Analogia* vs. *Anomalia* (Crates and the Stoics).

On Aristarchus in general, see *Pauly-Wissowa*, R. E. 862-874.

Cf. *Lersch*; *Steinthal*, I, 357-74 II, 71-159.

i. *Hermippos* ὁ Καλλιμάχειος, of Smyrna.

Βίοι περὶ τῶν ἐν παιδείᾳ λαμψάντων.

Of this voluminous work: περὶ τῶν νομοθετῶν, [περὶ δούλων, ?] περὶ τῶν ἑπτα σοφῶν, περὶ Πυθαγόρου, περὶ Ἀριστοτέλους, περὶ Γοργίου, περὶ Ἰσοκράτους, περὶ Ἰσοκράτους μαθητῶν, περὶ ἐνδόξων ἀνδρῶν ἱατρῶν, περὶ μάγων, περὶ τῶν ἀπὸ φιλοσοφίας εἰς τυραννίδας καὶ δυναστείας μεθεστηκότων—generally cited as separate books, formed only so many subdivisions. One of the chief sources of *Diogenes Laertius*, and of *Plutarch's* Lycurgus, Solon, Demosthenes, and indirectly, through the medium of Caecilius, of *Pseudo-Plutarch*, Vitae X oratorum. Cf. *Susemihl*, I, 492-95.

k. *Apollodorus of Athens* (pupil of Aristarchus), flor. c. 150. “Ἀπολλοδώρῳ περὶ πᾶσαν ἱστορίαν ἀνδρὶ δεινῷ” (*Ps. Heracl.* Alleg. Homer. 7).

(1) *Χρονικά* in comic trimeters, from the fall of Troy, (1184)-144 B.C. 2d. edition, to about 119 (death of Boethos the Academic mentioned). The inexhaustible storehouse of chronological information throughout antiquity. Calculation of the ἀκμή.

Cf. *Diels*, Rh. Mus. XXXI (1876), 1-54; also *G. F. Unger*, Philol., XL (1882), 602-51.

(2) *Περὶ τοῦ νεῶν καταλόγου*, 12 books. An exhaustive commentary to the Homeric Catalogue of the Ships.

Cf. *Niese*, Apollodor's Commentar zum Schiffscataloge als Quelle Strabo's, Rhein. Mus. XXXII (1877), 267-307.

(3) *Περὶ Σώφρονος*, 4 books.

(4) On *Epicharmus*, 10 books.

- (5) Περὶ τῶν Ἀθήνησιν ἑταιρῶν.
- (6) Περὶ ἔτυμολογιῶν.
- (7) Περὶ θεῶν, 24 books. A work of stupendous erudition, freely and extensively pirated by later writers.

Cf. *Muenzel*, De Apollodori περὶ θεῶν libris, Bonn, 1883. On A. in general, cf. *Susemihl*, II, 33-44; *Pauly-Wissowa*, 2855-86.

l. *The first Manual of Mythology*, written between 100-50 B.C., the source of *Diodorus*, *Hyginus*, *Pseudo-Apollodori Bibliotheca*, *Proclus*.

Cf. *Bethe*, Quaestiones Diodoreae mythographae, Göttingen, 1887, and *Hermes*, XXVI (1891), 593-634; *Susemihl*, II, 45-52.

m. *Ammonius*, pupil and successor of Aristarchus.

- (1) Περὶ τοῦ μὴ γεγονέναι πλείονας (sc. τῶν δύο) ἐκδόσεις τῆς Ἀρισταρχείου διορθώσεως. See above under Aristarchus.
- (2) Περὶ τῶν ὑπὸ Πλάτωνος μετενηγεγμένων ἐξ Ὀμήρου.
- (3) Πρὸς Ἀθηνοκλέα σύγγραμμα.
- (4) Commentary to *Pindar*.
- (5) Κωμωδοῦμενοι.
- (6) Περὶ τῶν Ἀθήνησιν ἑταιρίδων.
- (7) Περὶ προσφθίας or Περὶ Ἀττικῆς προσφθίας.

Cf. *Blau*, De Aristarchi discipulis, Jena, 1883; *A. Roemer*, Die Werke der Aristarcheer im Cod. Ven. A, Münch. Acad. II, 241 ff. (1875); *La Roche*, Hom. Textkritik, pp. 68-78; *Susemihl*, II, 153-155.

n. *Dionysius Thrax of Alexandria*, born c. 166 B.C.

- (1) Τέχνη γραμματική, the first attempt of its kind and the standard work on the subject for more than 1500 years.

Cf. *Uhlig's* edition, with exhaustive Prolegomena, I.pz. 1883. For a list of *grammatical terms*, see below.

Of the numerous commentators of the τέχνη, *Choeroboscus* (6. cent.), *Stephanos* (7. cent.), *Helio-*

dorus, Melampus, Moschopulos are the most noteworthy.

Cf. *Hoerschelmann*, De Dionysii Thracis interpretibus veteribus I, Lpz. 1874, and especially *Hilgard*, Heidelberg Gymn. Progr. Lpz. 1880.

(2) Commentaries to the *Iliad* and *Odyssey* (28 frag.).

Following Aristarchus, D. regarded Homer as an Athenian.

(3) Commentaries to *Hesiod's Works and Days*.

(4) Πρὸς Κράτητα.

(5) Περὶ ποσοτήτων.

(6) A work on *Rhetoric*.

(7) Μελέται.

Cf. *Mor. Schmidt*, Philol. VII, 360-82 VIII, 234-53. 510-20; *Susemihl*, II, 168-75. 687 f.

o. DIDYMUS CHALCENTEROS of Alexandria, c. 65 B.C.—c. 10 A.D.

Said to have written 3500-4000 books. *Amm. Marcell.* XXII 16, 16 Χαλκέντερος multiplicis scientiae copia memorabilis. *Quint.* I 8, 19, Didymo, quo nemo plura scripsit, accidisse compertum est, ut cum historiae cuidam tamquam vanae repugnaret, ipsius proferretur liber qui eam continebat. *Athen.* IV 139: καλεῖ δὲ τοῦτον Δημήτριος ὁ Τροιζήνιος βιβλιολάθαν διὰ τὸ πλῆθος ὧν ἐκδέδωκε συγγραμμάτων· ἐστὶ γὰρ τρισχίλια πρὸς τοῖς πεντακοσίοις. *Macrob.* Sat. V 18, 9; grammaticorum facile eruditissimus. 22, 10: grammaticorum omnium . . . instructissimus. Masterly discussion and estimate of D.'s work by *Wilamowitz*, Eur. Heracl. I, 157-68.

(I) *Lexicographical*.

(1) Διεφθορνῖα λέξεις.

(2) Ἀπορουμένη λέξεις, 7 books.

(3) Τροπικὴ λέξεις.

- (4) Κωμικὴ λέξις. } The chief source of the lexicograph-
 (5) Τραγικὴ λέξις. } ical erudition of the ancients pre-
 served in lexica, scholia, Athenaeus,
 Hesychius, Photius, etc.
- (6) Lexicon to Hippocrates (?).
- (II) *Didymus as editor of texts and as commentator.*
- (1) Περὶ τῆς Ἀριστάρχου διορθώσεως. (Text and commentary to the Homeric poems.) See above.
- (2) Commentary to *Hesiod*; cf. *Schmidt*, pp. 299 f.
- (3) C. to *Pindar*; id., pp. 214-40.
- (4) C. to the *Epinikia* of *Bacchylides*.
- (5) C. to *Aeschylus*, *Sophocles*, *Euripides* (in part).
 The extant *vitae* are in all essential details Didyme-
 mean. Prejudicial and partial criticism of Soph.
 to the disparagement of Euripides. Cf. *A. Roemer*
 (cited below).
- (6) C. to *Ion* and perhaps to *Achaeos*; cf. *Schmidt*,
 pp. 301-5.
- (7) C. to *Cratinus* and *Eupolis*; *Schmidt*, pp. 307-9.
- (8) C. to *Aristophanes*; *Schmidt*, pp. 246-61; *Schnei-
 der*, De fontibus A. schol., pp. 59-63. [Aristo-
 phanes of Byz.—Didymus—Symmachus—extant
 scholia.]
- (9) C. to *Menander* and to *Phrynichus* (Kronos);
Schmidt, pp. 306 ff.
- (10) Editions and Commentaries to *Antiphon*, *Isaeus*,
Hyperides, *Aeschines* and *Demosthenes*—*Schmidt*,
 pp. 310-19—*Isocrates* (?), *Deinarchus* (?).
- (11) Edition of *Thucydides*. The extant life by *Mar-
 cellinus* (esp. § 1-45) was almost entirely taken from
 Didymus' introduction. Cf. *Susemihl*, II, 203 f.,
 note 314.
- (12) Ῥητορικὰ ὑπομνήματα, in at least 10 books;
Schmidt, p. 321. Exegetical parerga to the *Attic
 orators*.

- (13) Περὶ τοῦ δεκατεῦσαι; *Schmidt*, pp. 317 f.
- (III) *Grammatical works*:
- (1) Περὶ παθῶν (on inflections); *Schmidt*, pp. 343 ff.
- (2) Περὶ ὀρθογραφίας.
- (3) Περὶ τῆς παρὰ Ῥωμαίους ἀναλογίας. Doubtful.
- (IV) *Historical, antiquarian, literary treatises*:
- (1) Ξένη ἱστορία; cf. *Schmidt*, pp. 356–63.
- (2) *De morte Aeneae*;
- (3) *De patria Homeri*;
- (4) *On Anacreon and Sappho*;
- } cf. *Schmidt*,
pp. 384–6.
- Cf. *Seneca*, Ep. 88, 37: quatuor milia librorum Didymus grammaticus scripsit . . . in his libris de patria Homeri quaeritur, in his de Aeneae morte (matre, MSS.) vera, in his libidinosior Anacreon an ebriosior vixerit, in his an Sappho publica fuerit.
- (5) Περὶ ποιητῶν; *Schmidt*, pp. 386–96.
- (6) Πρὸς Ἴωνα (?) ἀντεξεγήσεις. (A long extract on the musical instruments used in lyric poetry preserved by *Athen.* XIV 634 e.) Perhaps a part of (5).
- (7) Περὶ τῶν ἀξόνων τῶν Σόλωνος ἀντιγραφὴ πρὸς Ἀσκληπιάδην (*Plut.* Sol. 1).
- (8) *Against Cicero's de Republica*, 6 books. Cf. *Amm. Marcell.* XXII 16, 16, and *Suidas* s. v. Τράγκυλλος.
- (9) Περὶ παροιμιῶν.
- (10) *On the city of Kabassos* and on *Attic demes* (doubtful). Perhaps portions of his commentaries to the *Iliad* (13, 363) or to the comic poets or to the Attic orators.

Cf. *Mor. Schmidt*, Didymi Chalcenteri grammatici Alexandrini fragmenta, Lpz. 1854; *Ludwich*, l. c.; *Susemihl*, II, 195–210. 688 f. p. *Tryphon of Alexandria*, son of Ammonius.

A specialist on Greek grammar. A confused list of his numerous works is given by *Suidas*, the titles

of others are cited by Apollonius Dyscolos, Herodianus, Athenaeus.

- (1) Περὶ πλεονασμοῦ, περὶ μέτρων, περὶ τρόπων, περὶ σχημάτων.
- (2) On the dialects of Greece, on the dialect of Homer and the lyric poets.
- (3) Περὶ Ἀττικῆς προσωδίας, περὶ ὀνομασιῶν, περὶ ὀρθογραφίας καὶ τῶν ἐν αὐτῇ ζητουμένων (= its problems), περὶ Ἑλληνισμοῦ (on idiomatic speech), περὶ ἀρχαίας ἀναγνώσεως (on style).
- (4) Περὶ πνευμάτων, περὶ τῆς ἐν μονοσυλλάβοις ἀναλογίας, περὶ τῆς ἐν κλίσεσιν (declensions) ἀναλογίας, περὶ ἄρθρων, περὶ ἀντωνυμιῶν (pronouns), περὶ προσώπων (persons), περὶ μετοχῆς (participle), περὶ προθέσεων (prepositions), περὶ συνδεσμῶν, περὶ ἐπιρρημάτων (adverbs), περὶ ῥημάτων ἐγκλιτικῶν (moods), περὶ ῥημάτων ἀναλογίας βαρυτόνων, περὶ ὀνομάτων συγκριτικῶν (comparison of adjectives), περὶ παθῶν λέξεων (inflections).
- (5) Φυτῶν ἱστορία, περὶ ζώων.

Cf. *A. v. Velsen*, Tryphonis grammatici Alexandrini fragmenta, Berlin, 1854; *Susemihl*, II, 210-13. 689.

q. Theon of Alexandria, 1. cent. A.D.

“The Didymus of the Alexandrian poets.”

- (1) Commentaries to *Lycophron*, *Theocritus*, *Callimachus* Ἄϊτια, *Apollonius Rhodius*, *Nicandros*.
- (2) Commentary to the *Odyssey* and perhaps to *Pindar*.
- (3) Δέξις κωμική.
- (4) Δέξις τραγική (doubtful, but probable).

Cf. *Giese*, De Theone grammatico eiusque reliquiis, Münster, Diss., 1867; *Wilamowitz*, Eur. Heracl. I, 156; *Susemihl*, II, 216 ff.

3. THE STOICS AS PHILOLOGIANS.

Allegorical exegesis of Homer. Contributions to the Science and Terminology of Grammar.

Cf. *Gräfenhan*, l. c., I, 440 ff. 505 ff. II, 23. III, 236; *R. Schmidt*, *De Stoicorum grammatica*, Halle, 1839; *Steinthal*, l. c.; *Stricker*, *De Stoicorum studiis rhetoricis*, Bresl. Abh. I 2 (1886).

a. *Chrysiḗppos* of Soli, c. 280—c. 206.

Wrote e.g. *περὶ τῆς κατὰ τὰς λέξεις ἀνωμαλίας* (the first occurrence of the term), *λόγοι παρὰ τὰς συνηθείας, κατὰ τῆς συνηθείας, περὶ τῆς συνηθείας, περὶ πέντε πτώσεων, περὶ ὁμοιοίας* (*Athen.* VI 267) *περὶ ἐνικῶν καὶ πληθυντικῶν ἐκφορῶν, περὶ τῆς ῥητορικῆς, περὶ τῶν στοιχείων τοῦ λόγου καὶ τῶν λεγομένων, πῶς δεῖ τῶν ποιημάτων ἀκούειν* (source of Plutarch's treatise of the same title).

Cf. *Aronis*, *Χρῆσιππος γραμματικός*, Diss. Iena 1885. For a full list of his works, see *Laert. Diog.* VII 190 ff.

b. CRATES OF MALLOS (flor. 168 B.C.) *and the School of Pergamum.*

A follower of the Stoics. Passionate opponent of Aristarchus and his school (*Suidas* s. v. Ἀρίσταρχος : καὶ Κρέτητι τῷ γραμματικῷ πλείστα διημιλλήσατο). *Bibaculus* ap. *Sueton.* de gramm. 110. En iecur Cratetis. Advocate of ἀνωμαλία vs. ἀναλογία.

Cf. the bibliography under Aristarchus and below.

Introduced *philological studies into Rome*; cf. *Sueton.*, l. c., p. 100.

(1) *Homer.*

a. *Διόρθωσις* (*Διορθωτικά*), critical edition, probably with the *Life of Homer.*

b. Ὀμηρικά, allegorical commentary.

c. *Περὶ Ἰλιάδος καὶ Ὀδυσσεΐας* (*ὑπομνήματα ἢ συγγράμματα*?).

Cf. *E. Maass*, *Aratea* pp. 167—203.

(2) Commentary to *Hesiod, Works and Days.*

(3) C. to *Euripides* (*Schol. Orest.* 1226. 1686; *Phoen.* 208 *Rhesus*, 5. 528 f.).

Cf. *Wilamowitz*, *Anal. Eurip.*, p. 157.

- (4) C. to *Aristophanes* (Schol. Equit. 631, 793, 693; Vesp. 358. 884 Ran. 294).

Cf. *Consbruch*, Zu den Tractaten *περὶ κωμῳδίας* in Comment. in honor. Studemundi, Strassburg, 1889; *Susemihl*, II, 11, note 54.

- (5) *Περὶ Ἀττικῆς διαλέκτου*, in at least 5 books.

Cf. in general, *Wegener*, De aula Attalica, 1836 (antiquated); *Wachsmuth*, De Cratete Mallota, Lpz. 1860, with fragments; id., Philol. XVI, 166; Rhein. Mus. XLVI, 552-56; *Lübbert*, Rhein. Mus. XI, 428-43; *Susemihl*, II, iv f. 4-12. 703; *A. Conze*, Berl. Acad. Sitzungsber. 1884, pp. 1259 ff.

c. *Demetrius Magnes* (contemporary of Cicero).

- (1) *Περὶ συνωνύμων πόλεων*.

- (2) *Περὶ τῶν συνωνύμων ποιητῶν τε καὶ συγγραφέων*. Chapter on *Deinarchus* preserved by *Dionys. Halic.* de *Deinarch.* One of the chief sources of *Diogenes Laertius*.

Cf. *Nietzsche*, Rhein. Mus. XXIII, 632-53 XXIV, 181-228; *Scheurleer*, De D. M., Leiden, 1858; *Maass*, Philol. Unters. III (1880), 23-47; *Susemihl*, I, 507 f.

I. THE GRAECO-ROMAN PERIOD.

I. THE POST-ALEXANDRIAN PERIOD.

a. *Dionysius of Halicarnassus* (flor. end of 1. cent. B.C.).

- (1) Epistula ad Ammaeum I.
- (2) De compositione verborum.
- (3) De oratoribus antiquis (Lysias, Isocrates, Isaeus, Demosth.), De Dinarcho.
- (4) Epistula ad Pompēium.
- (5) *Περὶ μιμήσεως γ'.*
- (6) De Thucydide.
- (7) Ad Ammaeum II.
- (8) [Ars rhetorica.]

Cf. *Fr. Blass*, De D. H. scriptis rhetoricis, Bonn, 1863; *Rössler*, De D. H. scriptis rhetor., Lpz. 1873; *H. Usener*, D. H. de imitatione reliquiae, Bonn, 1889; *E. Egger*, l. c., pp. 396-406. *G. Ammon*, De D. H. rhet. fontibus, Munich Diss. 1889, pp. 110.

b. *Caecilius Calactinus* (Friend of Dionysius).

(1) Περὶ τοῦ χαρακτήρος τῶν δέκα ῥητόρων.

Chief source of *Ps. Plut. Vitae X orat.* On the canon of the ten orators, see under *Aristophanes*.

(2) Comparison between Demosth. and Aesch., Demosth. and Cicero.

(3) Περὶ ὕψους (cf. *Ps. Longinus, Περὶ ὕψους 1*).

(4) Ἐκλογή λέξεων κατὰ στοιχείων (καλλιρρημοσύνη).

(5) Τεχνὴ ῥητορικὴ.

(6) Περὶ σχημάτων.

On Dionysius and Caecilius, the most noteworthy representatives of literary criticism in antiquity, cf. *F. Blass, Gesch. der griech. Beredsamkeit von Alexander bis auf Augustus*, Berlin, 1865, pp. 169–221. *R. Weise, Quaest. Caecil.* Berlin 1888, pp. 52.

c. Διονυσίου ἢ Λογγίνου Περὶ ὕψους (composed in the 1 cent. A.D.). Aesthetic and Literary Criticism.

Cf. *Buchenau, De scriptore libri Περὶ ὕψους*, Marb. 1849; *Martens, De libello Περὶ ὕψους*, Bonn, 1877; *Egger, l. c.*, pp. 426–39; *Coblentz, De libelli Περὶ ὕψους auctore*, Strassb. Diss. 1888 pp. 76; *Ph. Caccialanza, in Riv. di Filologia XVIII* (1889), 2–73.

d. APOLLONIOS DYSCOLOS, ὁ τεχνικός (2 cent. A.D.).

Founder of scientific syntax. “Σύνταξις ἀναγκαι-
οτάτη πρὸς ἐξήγησιν τῶν ποιημάτων.” “Maximus
auctor artis grammaticae” *Priscian*.

(1) Ὀνοματικόν (declension).

(2) Ῥηματικόν (conjugation).

(3) Περὶ ἀντωνυμίας

(4) Περὶ ἐπιρρημάτων } extant

(5) Περὶ συνδέσμων

(6) Περὶ συντάξεως, 4 bks., extant.

} μέρη τοῦ λόγου.

Cf. *Gräfenhan, III*, 109 ff.; *L. Lange, Das System der Syntax des A.D.*, Göttingen, 1852; *E. Egger, A.D., Essai sur l'histoire des théories grammaticales dans l'antiquité*, Paris, 1854, pp. 354; *Steinthal, II*, 220–345; *Pauly-Wissowa, R. E.* 136 ff.

e. AELIUS HERODIANUS (son of A. D.).

The greatest grammarian of antiquity.

(1) Καθολικὴ προσφῶδια, in 21 books.

a. Bks. 1-19 — προσφῶδιαί, τόνοι.

β. Bk. 20 — χρόνοι ('quantity').

γ. Bk. 21 — On accents, enclitics, diastole, syna-
loephe. Excerpts preserved by *Theodosius* and
Arcadius.

(2) Περὶ ὀρθογραφίας, περὶ παθῶν, περὶ ὀνομάτων, περὶ κλίσεως ὀνομάτων, περὶ ῥημάτων, περὶ συζυγιῶν ('conjugations'), περὶ βαρβαρισμοῦ, περὶ μονοσυλλάβων. Originals all lost; contents known through excerpts in later grammarians.

(3) Περὶ μονήρους λέξεως (on peculiar, anomalous grammatical forms). Extant.

Cf. *Aug. Lentz*, *Herodiani technici reliquiae*, 2 vols., Lpz. 1870 (ccxviii + 564, vii + 1264, with indexes); *Lehrs*, *Herodiani scripta tria*, Königsberg, 1848; *Pauly*, *R. E.*, III, 1236-40; *E. Hiller*, *Jahrb. f. Philol.* 118 (1871), 505-32. 603-29, *Quaest. Herodiana*, Bonn, 1866.

f. EPITOMATORS, LEXICOGRAPHERS.

a. *Iuba*, king of Mauretania, "ἀπάντων ιστορικώτατος βασιλέων," *Plut.* Sertor. c. 9. Author of the *θεατρικὴ ἱστορία*, one of the sources of Pollux.

Cf. *Rohde*, *De Pollucis fontibus*, Lpz. 1870; *Barr*, Lpz. Stud. VIII, 110 ff.

β. *Pamphilus*, Περὶ γλωσσῶν ἤτοι λέξεων (Λειμών). 95 bks.

Epitomized by *Vestinus* and by *Diogenianus* in 5 bks.

Cf. *Weber*, *Philol. Suppl.* III, 467 ff.

γ. HERENNIOS PHILON of Byblos (61-141 A.D.).

(1) Περὶ κτήσεως καὶ ἐκλογῆς βιβλίων, 12 bks.

(2) Περὶ πόλεων καὶ οὓς ἐκάστη αὐτῶν ἐνδόξους ἤνεγκεν, in 30 bks. A famous compilation

most extensively used by later grammarians, esp. Hesychius and Stephanus Byzantius.

Cf. *Daub*, Jahrb. f. Phil. Suppl. XI 437 ff.

δ. *Hephaestion* (older contemporary of Athenaeus).

Athen. XV p. 673 e : 'Λαβῶν δὲ παρ' ἐμοῦ ὁ πᾶσιν κλοπῆν ὀνειδίζων Ἑφαιστίων ἐξιδιοποιήσατο τὴν λύσιν.'

Chief work : Περὶ μέτρων. 48 bks. (lost). His own epitome, Ἐγχειρίδιον περὶ μέτρων, in 1 bk. (cf. *Longin*. Proleg. ad Hephaest. p. 88, 21) became the standard school-book throughout later antiquity and the Middle Ages.

Cf. *Westphal*, Metrik der Griechen, Vol. I, introduction.

ε. *Athenaeus* of Naucratis (close of 2. cent. A.D.).

On the sources of the *Δειπνοσοφισταί* (in 15 bks.)

Cf. *K. Bapp*, Leipz. Stud. VIII, 85-160; *F. Rudolph*, Philologus, Suppl. Vol. VI, 109-163; *Pauly-Wissowa*, 2025-33.

ζ. *Aelius Dionysius* and *Pausanias*, Ἀττικισταί.

Cf. *Rindfleisch*, De P. et D. lexicis rhetoricis, Königsberg, 1866. *H. Heyden*, Quaest. de Ael. D. et P. Atticistis, Etym. Magn. fontibus in Leipz. Stud. VIII 2 (1886), pp. 173-264; Ael. D. et P. Atticistis fragm. coll. *E. Schwabe*, Leipz. 1890 pp. 282 (Prolegom. 1-80).

η. *Valerius Harpocration* (2. cent.).

Λέξεις τῶν δέκα ῥητόρων.

Based upon very valuable sources now lost. Cf. *Boysen*, De Harpocratiae fontibus, Kiel, 1876.

θ. *Julius Pollux* (Πολυδεύκης) of Naucratis.

Ὄνομαστικόν in 10 bks. Cf. *Rohde*, l. c.

ι. *Cassius Longinus* (†270-275).

'Βιβλιοθήκη ἔμψυχος καὶ περιπατοῦν μουσεῖον,' Euphrosynus. 'Φιλολόγος μὲν ὁ Λογγίνος, φιλόσοφος δὲ μηδαμῶς,' Porphyrius. Pupil of Plotinus, teacher of Porphyrius. ὁ κριτικός (*Suidas* s. v. Φρόντων).

(1) Φιλύλογοι ὀμιλίαι, in at least 21 bks.; fragm.

- (2) Ἀττικῶν λέξεων ἐκδόσεις.
 (3) Ἀπορήματα Ὀμηρικά, Προβλήματα Ὀμήρου
 καὶ λύσεις, εἰ φιλόσοφος Ὀμηρός. } 106.
 (4) Rhetoric (ἀφορμαὶ λόγου) discovered by Ruhn-
 ken amid the Rhetoric of Apsines.

Cf. *Walz*, Rhet. Graec. IX p. xxiii ff.

- (5) [Περὶ ὕψους] falsely ascribed to Longinus ; cf.
 above, p. 24.

Cf. *D. Ruhnken*, De vita et scriptis Longini, 1776 ; *E. Egger*,
 pp. 475-84.

LIST OF THE MOST IMPORTANT, EXTANT SCHOLIA.

Cf. *E. Hübner*, Encyclopaedie, pp. 37-40²; *Wilamowitz*, Eur.
 Her. I, 173-210.

1. *Homer*.

Subscriptio in the cod. Ven. A : Παράκειται τὰ Ἀριστο-
 νίκου σημεῖα καὶ Διδύμου περὶ Ἀρισταρχείου διορ-
 θώσεως, τινὰ δὲ καὶ ἐκ τῆς Ἰλιαδῆς προσωδίας Ἡρω-
 διανοῦ καὶ ἐκ τῶν Νικάνορος περὶ στιγμῆς. " Vier-
 männer Scholien," cf. above.

Cf. *Ludwich*, l. c., *Friedländer*, Aristonicus, 1853 ; id., Nicanor,
 1850 ; *Fabricius*, Bibl. Gr. I, 440-56 (index auctorum).

2. *Aristophanes*.

Subscriptio to the Clouds and Wasps : κεκώλισται ἐκ τοῦ
 Ἡλιοδώρου, παραγέγραπται ἐκ τοῦ Φαινοῦ καὶ Συμ-
 μάχου καὶ ἄλλων τινῶν.

Cf. *O. Schneider*, De Veterum in Arist. scholiorum fontibus,
 1838 ; *Wilamowitz*, Eur. Her. I, 179-84 ; *W. Meiners*, Quaest. ad
 scholia A. hist. pertinentes, in Diss. Hallens. XI, 217-403 ; *Fabri-*
cus, II, 392-404 (index auctorum).

3. *Apollonius Rhodius*.

Subscriptio in the Cod. Mediceus : Παράκειται τὰ σχόλια
 ἐκ τῶν Λουκίλλου Ταρραίου καὶ Σοφοκλέους καὶ
 Θέωνος.

Cf. *Weichert*, Apollon. Rhod. pp. 400 ff.; *Bernhardy*, Griech. Literat. II 1, pp. 370 ff.; *Susemihl*, I, 662 II, 46. 686; *Fabricius* IV, 279-86 (index auctorum).

4. *Pindar*.

Cf. *K. Lehrs*, Die Pindarscholien, Lpz. 1863; *Fabricius* II, 81-4.

5. *Aeschylus*.

J. Richter, De Aesch. Soph. Eur. interpretibus Graecis, Berlin, 1839.

6. *Sophocles*.

Bernhardy, l. c. II 2, pp. 378 ff.

7. *Euripides*.

Bernhardy, l. c. II 2, pp. 498 ff.

8. *Theocritus*; *Nicandros*; *Aratus*; *Callimachus'* Hymns.

9. *Lycophron*. (*I. Tzetzes*.)

10. *Plato*.

L. Cohn, J. J. Suppl. XIII, 773. *Th. Mettauer*, De Platonis scholiorum fontibus, Zürich, 1880 (pp. 122).

11. *Aristotle*. Commentaries of Alexander of Aphrodisias, Simplicius, Philoponus.

12. *Demosthenes*.

CRITICAL SIGNS (σημεία, notae).

Cf. *Reifferscheid*, Suetonii Reliquiae, pp. 137-44.

Ὅβελος (—). — 'πρὸς τὰ νόθα καὶ ἀθετούμενα.' Legendary origin of name, l. c. p. 138.

Διπλῆ ἀπερίστικτος, καθαρὰ (>). — 'παράκειται: 1. πρὸς τὴν ἀπᾶξ εἰρημένην λέξιν 2. πρὸς τὴν τοῦ ποιητοῦ συνήθειαν (inconsistency) 3. πρὸς τοὺς λέγοντας, μὴ εἶναι τοῦ αὐτοῦ ποιητοῦ Ἰλιάδα καὶ Ὀδύσειαν (χωρίζοντες) 4. πρὸς τὰς τῶν παλαιῶν ἱστορίας 5. πρὸς τὰς τῶν νέων ἔνδοχάς 6. πρὸς τὴν Ἀττικὴν σύνταξιν 7. πρὸς τὴν πολύσημον λέξιν.' 'Usus est ea in multis *Aristarchus*, nunc ea quae praeter consuetudinem tam vitae nostrae quam ipsius poetae apud eum invenirentur adnotans, nunc proprias ipsius figuras, interdum ea in quibus copiosus est, rursus quae semel apud

eum ponerentur. Similiter in nostris auctoribus *Probus*.
 ‘Primus Leogoras Syracusanus apposuit Homericis versibus ad separationem Olympi a caelo.’

Διπλή περιεστιγμένη (⋈).—‘πρὸς τὰς γραφὰς τὰς Ζηνοδοτείου καὶ Κράτητος καὶ αὐτοῦ Ἀριστάρχου καὶ τὰς διορθώσεις αὐτοῦ.’

Ἀστερίσκος καθ’ ἑαυτόν (✱).—‘πρὸς τοὺς αὐτοὺς στίχους οἱ κείνται ἐν ἄλλοις μέρεσιν τῆς ποιήσεως, καὶ ὀρθῶς ἔχοντες φέρονται, σημαίων ὅτι οὗτοι καὶ ἀλλαχοῦ εἴρηται. ‘Aristophanes apponebat illis locis quibus sensus deesset, Aristarchus autem ad eos [versus] qui hoc puta loco [recte] positi erant, cum aliis scilicet non recte ponerentur, item Probus et antiqui nostri.’ Cf. however schol. γ 71.

Ἀστερίσκος μετ’ ὀβελοῦ (✱—).—‘ἐνθα εἰσὶ μὲν τὰ ἔπη τοῦ ποιητοῦ οὐ καλῶς δὲ κείνται, ἀλλ’ ἐν ἄλλῃ.’ ‘Propria est nota Aristarchi, utebatur autem ea in his versibus qui non suo loco positi sunt, item Probus et antiqui nostri.’ Cf. e.g. A 195.

Ἀντίσιγμα (Ϸ).—‘πρὸς τοὺς ἐνηλλαγμένους τόπους καὶ μὴ συνάδοντας.’ ‘Ponebatur ad eos versus quorum ordo permutandus erat.’

Ἀντίσιγμα περιεστιγμένον (Ϸ•).—‘ὅταν δύο ὡσι διάνοιαι τὸ αὐτὸ σημαίνουσαι(ταυτολογεῖ), τοῦ ποιητοῦ γεγραφότος ἀμφότερας, ὅπως τὴν ἑτέραν ἔληται.’ σίγμα—Aristoph.—στιγμή—Aristarch. Cf. B 192.

Κεράνιον (⌈) — Rare. — ‘δηλοῖ πολλὰς ζητήσεις πρὸς ταῖς προειρημένους.’ ‘Ponitur quotiens multi versus improbantur ne per singulos obelentur.’

X (in scholia to tragedians).

Ancient authorities: Aristonicus (see above), *Diogenianos* (?) *περὶ τῶν ἐν τοῖς βιβλίοις σημειῶν* (Suid.), *Diog. Laert.* III 65, *Suetonius* = *Isidorus*, *Origg.* I, 21 ff., de notis scripturarum. See below. *Anecd. Roman.* ed. Osann, *Anecd. Venetum*, ed. Villoison, *Anecd. Paris.* ed. Cramer (all collected in Reifferscheid l. c.).

Modern treatises: Gräfenhan II, 92 f.; Sengebusch, Hom. Diss. I, 22 ff.; Nauck, Aristoph. Byzant. pp. 17 ff.; Ludwig, I, 20 ff.; Susemihl, I, 432 ff.; H. Schrader, De notatione critica a veteribus grammaticis in poetis scaenicis adhibita, Bonn, 1863; and A. Roemer, Die Notation der Alexand. Philol. bei d. griech. Dramat. in Bayr. Acad. Cl. I Vol. XIX, pt. III, 1-52 (1892).

PRINCIPAL GRAMMATICAL TERMS.

GREEK.

I. Ὄνομα (Noun).

1. Γένος: ἄρρενα θήλεα, σκεύη (οὐδέτερον—Stoics). Cf. *Arist.* Rhet. III 5 Πρωτάγορας τὰ γένη τῶν ὀνομάτων διήρει *Soph.* Elench. 14. Alexandrian scholars added κοινὸν (ὁ ἢ βοῦς), ἐπίκοινον (ὁ ἀετός).
2. Ἀριθμός: ἐνικός, πληθυντικός, and δυϊκός (added by Zenodotus?).
3. Κλίσεις (declension).

a. ὀνομαστική, εὐθεία, ὀρθή	}	(ΠΤΩΣΕΙΣ CASES).
b. γενική, also πατρική and κτητική (possessive)		
c. δοτική		
d. αἰτιατική, also ἐπισταλτική		
e. κλητική, also προσαγορευτική		

Πτώσεις πλαγίαι, ὑπίαι (oblique cases).

These terms were still unknown to *Aristotle*, for in Anal. Prior. I, 36 he declines a masc., fem. and neuter noun in full.

II. Ῥῆμα (Verb).

1. Συζυγίαι (conjugation). In Dionysius Thrax still divided according to accent.
2. Διαθέσεις (Voices).

Arist. Categ. 4 *Soph.* Elench. 4 : ποιεῖν, πάσχειν (ἐνέργεια, πάθος).

Stoics: ὀρθόν (active), ὑπτίον (passive), οὐδέτερον (intransitive middle), μέση (middle).

Dionysius Thrax: ἐνέργεια, πάθος, μεσότης.

Later: ἐνεργητική, παθητική, μεσότης (which latter, however, also includes the *2d. perfect*).

3. Ἐγκλίσεις (Moods), πτώσεις ῥηματικά (*Dionys. de comp. verb. 6*).

Protagoras: ἐντολή (imperative), εὐχολή (optative), ἀποκρίσις (indicative), ἐρώτησις (subjunctive) — Πυθμένες λόγου.

Dionysius Thrax: *a.* ὀριστική (indic., so called because all definitions, ὄροι, were in this mood) *b.* προστατική (imperative) *c.* εὐκτική (optative) *d.* ὑποτακτική (subjunctive) *e.* ἀπαρέμφατος (infinitive).

4. Χρόνοι (Tenses).

Cf. *Plat. Soph. 262 c.* περὶ τῶν ὄντων ἢ γιγνομένων ἢ γεγονότων ἢ μελλόντων. (This double present was not accepted by later grammarians). *Arist. Top. II 4* τὸ μὲν γὰρ τοῦ παρεληλυθότος χρόνου ἐστὶ, τὸ δὲ καὶ τοῦ παρόντος καὶ τοῦ μέλλοντος. *Stoics*: ἐνεστῶτα, παρωχηκότα, μέλλοντα.

Dionysius: χρόνοι δὲ τρεῖς: ἐνεστῶς, παρεληλυθῶς, μέλλων. τούτων ὁ παρεληλυθῶς ἔχει διαφορὰς τέσσαρας: παρατακτικόν (imperfect), παρακείμενον (τέλειος, perfect), ὑποσυντελικόν (ὑπερτέλειος, pluperfect), ἄοριστον.

5. Πρόσωπα (Persons): πρῶτον, δεύτερον, τρίτον.

Cf. *Lersch*, Sprachphilos. II, 170–222; *Steinthal*, Gesch. der Sprachwiss. II, 209–306. On the terminology of the parts of speech, see above under Aristarchus.

ROMAN.

The Latin terminology of grammar, so far as it is independent of the Greek, seems to have been chiefly due to *Varro* and *Nigidius Figulus*, but their nomenclature was not accepted by later scholars, translations from the Greek being preferred.

I. **Nomen** (Substantivum).

1. GENUS : *virile, muliebre, commune, promiscuum*. The terms 'masculinum' and 'femininum' cannot now be traced back farther than to *Caesellius Vindex* (2d. cent. A.D. Cf. *Gell.* N. A. VI (VII), 2), though they doubtless arose much earlier.
2. NUMERUS : *singularis species, multitudinis species* (*Varro*), *plurativus* (e.g. *Gell.* I 16, XIX 8), *pluralis* (e.g. *Quint.* I 5, 16).
3. CASUS:
 - a. *rectus, nominativus*.
 - b. *casus interrogandi* (*Nigidius*), *patricus* (*Varro*), *paternus, possessivus, genetivus*.
 - c. *casus dandi* (*Nigidius, Varro*), *dativus*.
 - d. *casus accusandei* (*Varro*), *accusativus* — a false translation of αἰτιατικὴ = *causativus*, which is also occasionally found.
 - e. *casus vocandei* (*Varro*), *salutatorius, vocativus*.
 - f. *Sextus* or *Latinus casus* (*Varro*), *ablativus* — probably introduced by Caesar in his *De Analogia*. *Casus recti* and *obliqui*. (See above.)

II. **Verbum**.

1. CONIUGATIO, ordo. The four conjugations seem to be post-Varronian.
2. GENERA, adfectus, significatio : *activum, passivum, neutra, communis, deponens*.
3. MODI, qualitates, status, inclinatio : a. *finitus, indicativus* b. *imperativus* c. *optativus* d. *subiunctivus* e. *infinitus, infinitivus*.
4. TEMPORA : *praesens, praeteritum, futurum, praeteritum imperfectum, praet. perfectum, plusquamperfectum*.
5. PERSONAE. As above.

Cf. *Lersch* op. cit. pp. 223-256; *L. Ieep*, *Zur Gesch. von d. Redetheilen bei den Alten*, pp. 124-259.

2. ROMAN PERIOD.

Bibliography: *Suetonius*, de grammat. et rhetor.; *W. H. D. Suringar*, *Historia Critica scholiastarum Latinorum*, 3 vols., Leyden, 1835; *Gräfenhan*, II, 261 ff. IV; *Teuffel-Schwabe*, *Röm. Literat.* 2 vols. 1890⁵ (T. S.) § 41: *H. Nettleship*, *Journ. of Phil.* XV, 189 ff.; *Schanz*, R. L. I, 274 ff., II, 214 ff., 424 ff., III, 139 ff.

a. *L. Accius*, 170–c. 86.

Didascalica (cf. Aristotle's *Διδασκαλία*). A history of Greek and Roman poetry, with special reference to the drama. Orthographical reforms. Written chiefly in Sotadean verse.

Cf. *T. S.* § 134, 7, and 94, 2. *O. Ribbeck*, *Röm. Dichtkunst*, I, 267; *G. Hermann*, *Opusc.* VIII, 390 ff.; *Lachmann*, *Kl. Schr.* II, 67 ff.; *Madvig*, *Opusc. Acad.* 70 ff., *Fr. Ritschl*, *Opusc.* IV, 142 ff.

b. *L. Aelius Praeconinus Stilo*, flor. c. 100 B.C.

The *first* Roman philologist, teacher of Cicero and Varro. *Cic. Brut.* 205: eruditissimus et Graecis litteris et Latinis antiquitatisque nostrae et in inventis rebus et in actis scriptorumque veterum litterate peritus, quam scientiam Varro noster acceptam ab illo. *Varro ap. Gell. N. A.*, I 18, 2: litteris ornatissimus memoria nostra, *id.* X 21, 2 doctissimus eorum temporum.

(1) Commentaries to *Carmina Saliorum*, cf. *Suringar* I, 26 f.

(2) Interpretation of the *XII Tables*. *Suringar* I, 39 ff.

(3) Edition of *Plautus* with critical signs.

Gell. N. A., III 3, 12: L. Aelius XXV (comœdias) eius (Plauti) esse solas existimavit; *Quint.* X 1, 99, "Licet Varro Musas, Aeli Stilonis sententia, Plautino dicat sermone locuturas fuisse, si Latine loqui vellent." Cf. *Ritschl*, *Parerga* 91 ff. 126 f. 238. 366.

(4) Contributions to *etymology* and *grammar*.

Cf. *T. S.* § 148, 1. *F. Mentz*, De L. Aelio Stilone, Diss. Ienens, IV, 1; *Schanz*, R. L. I, pp. 118 ff.

c. *M. Tullius Cicero*, 106–43.

(1) Literary or aesthetic criticism.

Cf. *Ch. Causeret*, Sur la langue de la rhétorique et de la critique littéraire en Cic., Paris, 1887; *J. Kubik*, De Cic. poetarum lat. studii, Diss. Vindob. I, 237 ff.

(2) Edition (?) of *Lucretius*.

Cf. *Munro*, Lucretius, vol. II, 2 ff.; *T. S.* § 203, 2.

d. *C. Iulius Caesar*, 100–44.

De analogia (Suet. Caes. c. 56).

Cf. *F. Schlitte*, De C. Iulio Caesare grammatico, Halle, 1865.

e. *M. TERENTIUS VARRO Reatinus*, 116–27.

‘Vir Romanorum eruditissimus’ (*Quint.* X 1, 95).

‘Vir doctissimus undicumque Varro, qui tam multa legit ut aliquid ei scribere vacasse miremur, tam multa scripsit (620 bks.) quam vix quemquam legere potuisse credamus’ (*Augustin.*, Civ. Dei. 6, 2).

Plut. Rom. 12 ἄνδρα Ῥωμαίων ἐν ἱστορίᾳ βιβλιακώτατον. Esp. *Cic.* Acad. post. 1, 9.

Cf. *Ritschl*, Die Schriftstellerei des Varro in Opusc. III, 419–505, Parerga, pp. 70 ff.; *G. Boissier*, M. T. Varron, sa vie et ses ouvrages, Paris, 1861, p. 337. *T. S.* § 166 f.; *Schanz*, R. L. I, 276 ff.

(1) *Antiquitatum libri* XLI.

(2) *Annalium libri* III—De vita populi Romani (cp. Dicaearchos Βίος Ἑλλάδος); De gente populi Romani, in 4 bks. (43 B.C.); de familiis Troianis; Aetia (cp. *Aἴτια* of Callimachus); rerum urbanarum libri III; *Tribuum liber*.

(3) De bibliothecis libri III: de proprietate scriptorum; de poetis; de poematis; de lectionibus; de compositione saturarum; de originibus scaenicis; de scaenicis actionibus; de actis scaenicis (*Didascalica*); de personis (masks); de descriptionibus; *quaestiones Plautinae*; de comoediis *Plautinis*.

(4) *Disciplinarum libri IX* (Artes liberales : 1. grammatica ; 2. dialectica ; 3. rhetorica ; 4. geometria ; 5. arithmetica ; 6. astrologia ; 7. musica ; 8. medicina ; 9. architectura).

(5) *De Lingua Latina*, XXV libb. (V–X extant).

V–XXV, dedicated to Cicero, hence published before 43 B.C. *Contents*: Bk. I (introd.), bk. II–VII (etymology), VIII–XVI (inflection, analogy and anomaly), XVII–XXV (syntax).

(6) *De sermone Latino* libb. V ; *de similitudine verborum* libb. III (analogy) ; *de utilitate sermonis ; περὶ χαρακτήρων* (?= descriptiones) ; *de antiquitate litterarum* ; *de origine linguae Latinae*.

Cf. *Wilmanns*, de M. T. V. libris grammaticis, Berlin, 1864.

f. *P. Nigidius Figulus* († 45 B.C.). Homo, ut ego arbitrator, iuxta M. Varronem doctissimus (*Gell. N. A.* IV 9, 1) ; vir doctrina et eruditione studiorum praestantissimus (*Schol. Bob.* to Cic. Vatin. p. 317 Or.).

Chief philological work : *Commentarii grammatici* in about 30 bks. Dealt also with orthography, synonymics and etymology. Frequently cited by *Gellius*.

Cf. *M. Hertz*, de N. F. studiis atque operibus, Berlin, 1845 ; *H. Svoboda*, P. N. F. operum reliquiae with Prolegomena, Vienna, 1889.

g. *Ateius Praetextatus Philologus* († c. 29 B.C.).

Cf. *Suet.* de gramm., 10 *T. S.*, § 211.

h. *Noted philologists and grammarians of the Empire.*

First Century.

1. *C. Iulius Hyginus*, pupil of Alexander Polyhistor, head of the Palatine library under Augustus. Cf. *Suet.* de gramm. et rhet. 20. Not to be confounded with the so-called Hyginus, author of the Genealogy, Astronomy and Fables. Cf. *Schanz*, R. L. II, 217 ff.

Chief works (all lost) : Commentary to the *Proempepton* Pollionis of Helvius Cinna ; *Commen-*

tary to *Virgil* in at least 5 bks. (Cf. *Ribbeck Proleg. Vergil.* p. 117); *De vita rebusque inlustrium virorum; Exempla* (*Gell.* X 18, 7); *De familiis Troianis; Urbes Italicae* (*Serv.* ad *Aen.* VII 678); de proprietatibus deorum; de dis Penatibus.

2. *Fenestella* († 19 A.D.). 'diligentissimus scriptor,' Lactantius. *Annales* in at least 22 bks. A repository of information for later writers.

T. S. § 259; *L. Mercklin*, *De Fenestella historico et poeta*, 1844.

3. M. VERRIUS FLACCUS (floruit 10 B.C.).

a. *De verborum significatu*. Second half preserved in a mutilated *epitome* of *Festus*, who in turn was epitomized by *Paulus*. A storehouse of information on Roman antiquities and archaic Latin.

β. *De orthographia* — cf. *L. Mackensen*, *Comm. Ienenses*, VI, 2 pp. 62 (1896).

γ. *Fasti*, partly preserved (*C. I. L.* I, 295).

Cf. *H. Winther*, *De fastis V. F. ab Ovidio adhibitis*, Berlin, 1885; *Hübner*, *Grundr. der lat. Lit.*, § 83; *H. Nettleship*, *Lectures and Essays*, pp. 201 ff.; *T. S.* § 261.

4. Q. ASCONIUS PEDIANUS c. 3-88.

(1) Commentary to *Cicero's speeches* — one of the masterpieces of historical exegesis in antiquity. Written betw. 54-57 A.D. Extant: pro Cornelio, in toga candida, in Pisonem, pro Scauro, pro Milone (with a highly valuable introduction).

Cf. *Madvig*, de Q. A. P. in *Cic. oratt. commentariis*, Kopenhagen, 1828; *C. Lichtenfeldt*, *De Q. A. P. fontibus ac fide* (*Bresl. Abh.* II, 4 pp. 88); *Pauly-Wissowa*, 1524 ff.

(2) *Liber contra obtrectatores Vergilii* (Lost).

Cf. *Donat.* *Vita Verg.* p. 66, 2 R.

(3) *Vita Sallustii* — Doubtful, cited by *Ps. Acro* to *Hor. Sat.* I, 2, 41.

5. C. PLINIUS SECUNDUS, the Elder, 23-79.

- (1) *Libri dubii sermonis* (*Plin. Epist. III 5, 1*).
 (2) *De grammatica* (*Plin. N. H. praef. 28*).

Cf. *I. W. Beck*, *Studia Gelliana et Pliniana*, Lpz. 1892; *O. Froehde*, *Valerii Probi de nomine libellum Plinii Secundi doctrinam continere demonstratur*, Lpz. 1892.

6. M. VALERIUS PROBUS Berytius (flor. 80 A.D.).
 The greatest Roman philologist. 'Nec Probum timeto' (*Mart. III 2, 12*).

- (1) *Editions with critical signs* (cf. *Sueton. Reliq.*, p. 138 R.).
 a. *Virgil*

Suringar, II, 8 ff.; *Kübler*, *De P. comment. Verg.*, Berl. 1881.

- β. *Plautus* (cf. *Leo*, *Plautin. Forsch.* pp. 21 ff.),
Terence, Lucretius, Horace, Persius. I. Steub. *De Probis grammaticis*, Jena, 1871; *T. S.*, § 300 f.; *Schanz.* R. L. II, 431 ff.

7. FABIVS QVINTILIANVS of Calagurris in Spain, c. 35-95.

Literary criticism, esp. in bk. X of the *Institutio Oratoria*. Pupil of *Remmius Palaemon* (*T. S.*, § 282) and teacher of *Pliny the Younger* and *Cornelius Tacitus*. Cf. *Gudeman*, *Tacitus' Dialogus*, *Proleg.* p. xxviii. LXII. LXXII.; *Peterson*, *Quint. Bk. X*, *Introd.* pp. xxii-xxxix.

8. C. SVETONIVS TRANQVILLVS, 75-160.

Cf. *Suidas* s. v. Τράγκυλλος; *Reifferscheid*, *Suetoni Reliquiae praeter Caesares*, Lpz. 1860 (*Quaest. Sueton.* pp. 363-538); *Schanz*, R. L. III, 42 ff.; *Kubelka*, *V. Progr. Böhm. Gymn. Ung. Hradisch*, 1896.

1. *De viris illustribus*: de poetis (*Terence, Horace, Lucan, Persius* — extant), de oratoribus (*Passienus Crispus*), de historicis (*Pliny the Elder*), de philosophis, de grammaticis et rhetoribus (partially preserved). See p. 39.
2. *De vita Caesarum* (extant). — De regibus.
3. *Roma*: περὶ νομίμων καὶ ἡθῶν (= de institutis moribus sc. Romanorum), de anno Romanorum, ludicra historia (de lusibus puerorum, probably part of this), de institutione officiorum (part of the *Roma* ?), de genere vestium.

4. *Pratum* (Λειμών): De homine (e.g. de vitiis corporali-
bus), de tempore (technical treatment, one of the sources
of Macrobius and Censorinus), de naturis rerum (natural
history). Cf. *Schanz*, *Hermes*, XXX, pp. 401-428.
5. περὶ τῶν παρ' Ἑλλήσι παιδιῶν — περὶ τῆς Κικέρωνος
πολιτείας. Directed against the attack of Didymus. See
p. 20 — περὶ δυσφήμων λέξεων ἧτοι βλασφημιῶν καὶ
πόθεν ἐκάστη — περὶ ἐπισήμων πορνῶν (Based on
Apollodorus? See p. 17). — All under (5) written in Greek.
6. περὶ τῶν ἐν τοῖς βιβλίοις σημείων (= de notis). Cp. p. 28 f.
7. *Verborum Differentiae*. — Of doubtful authenticity, per-
haps containing some excerpts from the *Pratum*. — De
rebus variis (grammatical fragments extant).

Second Century.

Aemilius Asper (*T. S.*, § 482, 3), Flavius Caper (*T. S.*,
§ 343, 3; *G. Keil*, De F. C. grammatico, in *Diss. Hall.* X,
243-306), Q. Terentius Scaurus (*T. S.*, § 352, 1), Arrun-
tius Celsus (*T. S.*, § 357, 3), Iulius Romanus (*T. S.*,
§ 379, 1; *C. Froehde*, De I. R. Charisii auctore Leipz. 1892),
A. Gellius, *Noctes Atticae* (*T. S.*, § 365; *Th. Vogel* De
A. G. vita, studiis, scriptis 1860; *L. Ruske* De A. G. Noct.
Att. fontibus 1883; *Schanz*, R. L. III, 158 ff.).

Third Century.

Censorinus, de die natali. Cf. *T. S.*, § 379; *Schanz*, R. L.
III, 196 ff.

Fourth Century.

1. *Nonius Marcellus*, *Compendiosa Doctrina* (*T. S.*,
404^a; *L. Müller*, *Adversaria* to his edition).
2. Charisius and Diomedes (*T. S.*, § 419; *L. Jeep*, *Zur*
Gesch. von d. Redetheilen bei den Alten, Lpz. 1893).
3. Marius Victorinus (*T. S.*, § 408, 1).
4. *Aelius Donatus* (floruit c. 350).
(1) *Ars Grammatica*.
(2) *Commentaries to Terence and Virgil*.

Cf. *Suringar*, I, 78-86; II, 31-59; *P. Rosenstock*, De Donato,
etc., Königsberg, 1886; *J. J. Hartman*, De Terentio et Donato
commentatio, 1895, pp. 239. See below, p. 40.

5. Maurus *Servius* Honoratus. Commentary to *Virgil*. Cf. *Suringar*, II, 59-92; *T. S.*, § 431; *G. Lämmerhirt*, De priscis scriptt. locis a S. allatis, in *Comm. Philol. Ienens.* IV, 311-406.

6. *Hieronymus*, 331-420.

Translation of the *χρονικοί κανόνες* of *Eusebius* with additions: "usque ad Troiae captivitatem pura graeca translatio est . . . usque ad XX. Constantini annum nunc addita nunc mixta sunt plurima quae de Tranquillo (viz. *Sueton.* de viris illustribus) et ceteris inlustribus in historicis curiosissime excerpti." On these sources, cf. *Mommsen*, *Abhandl. der sächsischen Gesell. d. Wiss.* I (1850), 669 ff.; *Sychowsky*, H. als Literaturhistoriker, Muenster, 1894, pp. 198.

Fifth Century.

1. *Macrobius*, *Saturnalia*. (*T. S.*, § 444; *G. Wissowa*, *De M. Saturn. fontibus*, Breslau, 1888.)

2. *Priscian of Caesarea*.

Institutiones grammaticae, 18 bks. The most important and exhaustive contribution to Latin Grammar made by the Romans. An inexhaustible fountain of information for the grammatical theories of earlier writers, especially Greek, now lost. The standard work on the subject throughout the Middle Ages. About 1000 MSS. known.

Cf. *T. S.*, § 481, and *Encyclop. Britan.* s. v.

Sixth Century.

1. *Cassiodorus Senator*, 480-575.

Cf. *A. Olleris*, *Cassiodore Conservateur des Livres de l'antiquité Latin*, Paris, 1841, pp. 71.

2. *Isidorus*, c. 570-636.

Etymologiarum (Originum) libri XX (*T. S.*, § 496).

LIST OF EXTANT LATIN SCHOLIA.

1. VERGILIUS :

Scholia Bernensia to the Bucolics and Georgics. Introductory note to the latter : Haec omnia de [tribus] commentariis Romanorum congregavi *i.e.* Titi *Galli* et *Gaudentii* et maxime Iunilii Flagrii (= Iunius *Philargyrius*, part of whose commentary to the Eclogues is still extant).

Scholia Veronensia to Aeneid (fragm.).

Ps. Probus, see Probus.

Donatus, Servius, see above.

Cf. *Suringar* II, 8-109. *Ribbeck*, Proleg. crit. ad Verg. c. 9.

2. HORATIUS :

Porphyrio (largely indebted to Acro). *Ps. Acro* (chiefly based on Porphyrio. These scholia are handed down anonymously in the older MSS.); *Cruquianus commentator*, a congeries of scholia collected by Iac. Cruquius from his MSS., esp. the Blandinii.

Cf. *Suringar* III, 8-86; *H. Usener*, de scholiis Horat., Bern, 1863.

3. TERENCE :

Donatus (made up of the original commentary of *Donatus* and of *Euanthius*. The scholia to the *Heaut.* are lacking); *Eugraphius*.

Cf. *Suringar* I, 78 ff.; *H. Usener*, Rhein. Mus. XXIII, 493 ff.; *H. Gerstenberg*, De Eugraphio T. interprete, Jena, 1886; *Sabbadini*, R., Estr. dagli studi ital. di fil. class. II, pp. 1-132.

4. LUCANUS :

Commenta (cod. Bern. 370), Adscriptiones (in a number of MSS.).

5. PERSIUS :

Cornuti (?) commentum. c. 8th cent. Cf. *T. S.*, § 302, 6.

6. IUVENALIS :

(a) In codd. *Pithocanus* and *Sangallensis* (IX. cent). To

- the same class belong the scholia (up to Sat. VIII 193), published by *Valla* under the name of *Probus*.
 (b) *Cornuti* (?) expositio in MSS. of XV. cent.
 Cf. *T. S.*, 331, 7.

7. GERMANICUS, poetic paraphrase of *Aratus*.

Cf. *Breysig*, Praef. to his edition and *Maass*, Proleg. to *Aratus*.

8. STATIUS' THEBAIS :

Ad VI 264 : de his rebus . . . ex libris ineffabilis doctrinae Persei praeceptoris (*Cornutus* ?) seorsum libellum composui [*Lactantius Placidus*].

III. THE MIDDLE AGES.

I. THE BYZANTIAN PERIOD.

Standard work : *K. Krumbacher*, Geschichte der byzantinischen Literatur (I. Müller's Handb. der class. Alterthumswiss., vol. IX, 1), 1897², pp. 1193; Characteristic of the period, pp. 498-515; *Wilamowitz*, Eur. Heracles, I, 193-219.

a. *Etymologica* and *Lexica* : *Kyrrillos*, *Eudemos*, *Etymol. Magnum*, *Hesychios* (based on the *Περιεργασμένοιες* of *Diogenianos*).

Cf. *Reitzenstein*, Griech. Etymologica, Leipz. 1897; *Kr.* 570-581.

b. *Hesychios Illustris* of *Miletus* (6. cent.)

Ὀνοματόλογος ἢ πίναξ τῶν ἐν παιδείᾳ ὀνομαστῶν. Only preserved in excerpts. (Chief sources : *Aelius Dionysius*' *Μουσικὴ ἱστορία*, and *Herennios Philon.*)

Cf. *Kr.*, pp. 323-325.

c. PHOTIOS, c. 820-c. 891.

(1) *Βιβλιοθήκη* or *Μυριόβιβλον* (written before 857). Contains the excerpts and criticisms of 280 books read by the author while ambassador to Assyria.

(2) *Λέξεων συναγωγή* (based on *Harpocration*, *Diogenianos*, Ἀπτικῶν ὀνομάτων λόγοι of *Aelius Dionysius*, *Pausanias*' *Λεξικὸν κατὰ στοιχείων*, *Platonic*

lexicon of Timaeus, and Boethos, Homeric lexica of Apion, Heliodorus and Apollonius).

Cf. *Kr.*, pp. 73 ff., 515-524; *Fabricius*, *Bibl. Gr.* X, 678-775, XI, 1-37; *Hergenröther*, Photios, 3 vols., 1869.

d. *Constantinos Porphyrogennetos*, emperor (913-59, resp. 945). *Encyclopaedia of History*, arranged according to subject-matter (e.g. *Περὶ Πρεσβειῶν, περὶ ἐπιβουλῶν κατὰ βασιλέων γεγρονυῶν, περὶ στρατηγημάτων, περὶ δημογοριῶν*), with the original chapters of earlier historians bearing upon the respective subjects.

Cf. *Kr.*, pp. 252-264, 978-984.

e. *Suidas*.

Lexicon (terminus post quem 976 A.D.). First cited by Eustathius. A colossal monument of erudition, notwithstanding many instances of gross carelessness. The sources of Suidas have as yet been determined with only partial accuracy, but he seems to have derived, though generally only at second-hand, the bulk of his material from the following :

a. *Lexica*: Harpocration, Aelius Dionysius, Pausanias, Helladios, Eudemos, *Γλῶσσαι* to Herodotus, and above all, *Hesychios*, in an epitome arranged in *alphabetical* order; *Lexica* to Euripides, Menander, Callimachus.

β. *Scholia and Commentaries to: Aristophanes* (in a more complete form than the extant scholia), Sophocles (*Oed. Col.*, *Oed. Tyr.*, *Ajax*), *Homer* (similar to those of the Venetus B), Thucydides, Philoponus and Alexander of Aphrodisias to Aristotle.

γ. *Histories*: Herodotus, Thucydides, Xenophon's *Anabasis*, Polybius, Josephus, Arrian, Aelian (probably from Constantinos' *Encyclopaedia*), Lucian.

δ. *Literary and Biographical material: Hesychios* (see

above), *Athenaeus* (bks. I and II in their unepitomized form). Whether the work of *Philon of Byblos* (see above) was known to Suidas at first-hand is very doubtful. *Strabo* is completely ignored.

Cf. *Fabricius*, *Bibliotheca Graeca*, VI, 389-595; *G. Bernhardt*, *Suidae Lexicon*, I, Prolegomena, pp. 25-95; *Kr.* pp. 562-570; *R. Roellig*, *Quae ratio inter Photii et Suidae lexica intercedat*, in *Diss. Hall.* (1887) pp. 1-66; *G. Wentzel*, *Berl. Acad.* 1895, pp. 477-87.

f. Johannes Tzetzes, c. 1110-C. 1185.

(1) Βίβλος ἰστοριῶν (*Chiliades*), in 12,674 political verses.

Cf. *Chr. Harder*, *De I. T. historiarum fontibus quaestiones*, Kiel, 1886.

(2) *Allegories to the Iliad and Odyssey*, 10,000 verses.
Ὁ Ὀμηρος ὁ πάνσοφος, ἡ θάλασσα τῶν λόγων. Homeric mythology interpreted allegorically and after the manner of Euhemerus.

(3) Commentary to the *Iliad*.

(4) *Carmina Iliaca* (*Antehomerica*, *Homerica*, *Posthomerica*).

(5) *Scholia to Hesiod's Works and Days*, and the *Shield of Heracles* (written before 1138).

(6) *Scholia to Aristophanes' Plutus, Clouds, Frogs, and Arguments to the Knights and Birds*.

Cf. *Ritschl (Keil)*, *Opusc.* I, 1-172. 197-237.

(7) *Scholia to Lycophron's Alexandra*.

Invaluable as the only extant key to the understanding of this enigmatical poem.

(8) *Scholia to the Halieutica of Oppian*, and the *Theriaca and Alexipharmaca of Nicandros*.

(9) *Epitome of the Rhetoric of Hermogenes*.

(10) Περὶ τῶν ἐν τοῖς στίχοις μέτρων ἀπάντων, στίχοι περὶ διαφορᾶς ποιητῶν, ἱαμβοὶ τεχνικοὶ περὶ κωμωδίας, περὶ τραγικῆς ποιήσεως.

Cf. *Kr.*, pp. 526-536.

g. *Eusiatthios*, Archbishop of Thessalonice (floruit 1175).

(1) *Commentary to the Iliad and Odyssey*.

Invaluable repository of ancient learning.

Principal sources: Homeric scholia, Athenaeus, Strabo, Stephanus of Byzantium, *Aristophanes* of Byzantium, Heraclides of Miletos, and two works by *Suetonius* (written in Greek); Aelius Dionysius, Pausanias, and rhetorical lexica, Suidas and the *Etymologicum Magnum*.

(2) Paraphrase and scholia to *Dionysius Periegetes*.

(3) Commentary to *Pindar* (only a valuable preface preserved).

Cf. *Kr.*, pp. 536-541; *Fabricius*, l. c., I, 457-501.

h. *Maximus Planudes*, 1260-1310.

(1) *Περὶ γραμματικῆς, περὶ συντάξεως*.

(2) Scholia to Theocritus and Hermogenes.

(3) *Συναγωγή ἐκλεγείσα ἀπὸ διαφόρων βιβλίων*, containing excerpts, e.g., from Plato, Aristotle, Strabo, Pausanias, Dio Cassius.

(4) *Anthologia Planudea*.

The *Anthologia Palatina* was not discovered till 1606 by Salmasius. Grotius' celebrated translation is based upon the Planudean collection.

(5) *Translations from Latin into Greek*.

α. Caesar, *De bello Gallico*.

β. Cicero, *Somnium Scipionis*.

γ. *Disticha Catonis*.

δ. Ovid, *Metamorphoses*.

ε. *Ovid, Heroides*. On the basis of a very valuable MS. now lost.

Cf. A. Gudeman, in Calvary's *Berl. Stud.* VIII, 3, pp. 90 (1888).

ζ. *Boethius*, *De consolatione philosophiae* (his masterpiece).

Cf. *M. Treu*, Comment. to Planudis Epistulae, Breslau, 1890 ;
A. Gudeman, Am. Philol. Assoc. XX, 6 ff.; *Kr.*, pp. 543-546.

i. Manuel Moschopoulos (pupil of Planudes).

α. Ἑρωτήματα γραμματικά. Of great pedagogical influence toward the spread of Greek studies in the Renaissance. The famous grammar of *Melanchthon* is essentially a reproduction of the *Ἑρωτήματα*.

Cf. *L. Voltz*, Jahrb. f. Phil., CXXXIX (1889), 579 ff.

β. Scholia to the Iliad, bks. I and II. Hesiod, Pindar's Olymp. Odes, Euripides, Theocritus.

Cf. *K. Hartfelder*, Philipp Melanchthon, Berl. 1889, pp. 225 ;
M. Treu, l. c., pp. 208-12 ; *Kr.*, pp. 546-548.

κ. Thomas Magister (contemporary of *i.*).

(1) Ἐκλογή ὀνομάτων καὶ ῥημάτων Ἀπτικῶν.

(2) Scholia to Aesch., Soph., Eurip., to three comedies of Aristophanes.

Cf. *Fr. Ritschl*, Thomae Magistri ecloga, Halle, 1832, with exhaustive Prolegomena ; *Kr.*, pp. 548-550.

λ. Demetrios Triklinios (beginning of 14. cent.).

The foremost text critic among Byzantine philologists. Notable contributions to Greek versification.

(1) Scholia to *Pindar*; author of two metrical dissertations, and of one of the extant paraphrases to Pindar (*Lehrs*, Pindarscholien, p. 78).

(2) Text edition, with scholia, of *Sophocles*.

(3) Scholia to five plays of *Aeschylus* (except *Choe-phoroe* and *Supplices*). Preserved in Triklinios' own handwriting.

(4) Scholia to Hesiod, Aristophanes and Theocritus.

Cf. *Wilamowitz*, Eur. Heracl. I, 194 f.; *Hermes* XXV, 161-70 ;
Kr., pp. 554 f.

2. THE MIDDLE AGES IN W. EUROPE.

Copying of MSS. in monasteries.

Cf. *A. H. L. Heeren*, *Gesch. des Stud. der class. Literat. seit d. Wiederaufleben d. Wissensch.*, vol. I, *Introduct.*, pp. 1-308; *F. Haase*, *De medii aevi studiis philologis* 1856; *F. A. West*, *Alcuin and the schools of the West*, 1890; *W. Wattenbach*, *Schriftwesen im Mittelalter*, 1875², *Anleit. z. griech. Palaeographie*, 1877², *Anleit. z. lat. Palaeog.* 1886⁴; *Th. Birt*, *Das antike Buchwesen*, Berlin, 1882; *A. Ebert*, *Allgem. Gesch. der Liter. des Mittelalters*, 3 vols., 1887²; *Bernhardy*, I⁴, 716 ff.; *E. Hübner*, *Encyclop.*, pp. 45-64; *M. Manitius*, *Rhein. Mus. Suppl. XLVII*, pp. 152 (catalogue of MSS. in cloister libraries); *Blass*, *Palaeogr.*² pp. 299-355. Of mediaeval scholars who possessed a knowledge of *Greek*, the following may be mentioned: Bede, Ioh. Scotus Erigena, Alcuin, Abelard, Roger Bacon, Hrabanus Maurus.

LIST OF SOME OF THE OLDEST CLASSICAL MSS.

I. *Greek.*

- a. *Fragments of Euripides' Antiope and Plato's Phaedo*, 250 B.C. (Flinders Petrie Papyri, ed. Mahaffy, Dublin Acad. 1890.) The oldest specimens of a classical text known.
- b. A few lines of the *XI. Iliad* (ante-Aristarchean and non-Zenodotean), 240 B.C.
Most of the following dates are only conjectural.
- c. Louvre fragments of *Euripides*, 2. cent. B.C.
- d. *Alcman*, 2.-1. cent. B.C. (Paris).
- e. *Iliad* fragments (Banks, Harris), 2. cent. B.C.
- f. Papyri from *Herculaneum*, 79 A.D. (*Epicurus*, *Philodemus*.)
- g. *Aristotle*, Ἀθηναίων Πολιτεία, } 1.-2. cent. A.D.
- h. *Herodas*, *Bacchylides*.
- i. *Hypereides*, 150 A.D. (London, Paris).
- k. Berlin fragm. of the *Melanippe* of *Euripides*, 3.-4. cent.
- l. Papyrus fragm. of *Isocrates*, 4. cent. (Marseilles).
- m. Cod. Ambrosianus of the *Iliad* (Milan).
- n. Cod. Vaticanus of *Cassius Dio*.
- o. *Euripides' Phaeton*, and *Menander*, frag. } 5.-6. cent.
- p. Fragm. of *Arist. Birds* (Paris).

2. *Latin.*

- a. Fragm. of Seneca, 1 cent. (Herculaneum).
- b. MSS. of *Virgil*, 4.-5. cent. (chiefly Florence, Vatican).
- c. Fragm. of *Sallust's* *Historiae*, 3.-4. cent. (Orléans).
- d. Codex Bembinus of *Terence*, 4.-5. cent. (Vatican).
- e. Codex Puteaneus of *Livy*, 6.-7. cent. (Paris).
- f. *Palimpsesti.*
 - a. Jcvenal and Perseus, frag. in cod. Vatic., 3.-4. cent.
 - β. Codex Veronensis and cod. Vaticanus of *Livy*.
 - γ. *Lucan* (Vienna, Naples, Rome), 4. cent.
 - δ. *Cicero's De republica*, 4.-5. cent. (Vatican).
 - ε. Cicero in Verrem, fragm. in cod. Vatic., 5. cent.
 - ζ. *Gaius*, 5. cent. (Verona).
 - η. *Plantus* (cod. Ambrosianus), 5.-6. cent. (Milan).
 - θ. Gellius and Seneca, fragm., 5.-6. cent. (Vatican).
 - ι. *Fronto*, fragm., 4.-6. cent. (Vatican, Milan).
 - κ. *Livy*, fragm. (Vienna), 5. cent.

IV. THE REVIVAL OF LEARNING IN ITALY.

Cf. *G. Voigt*, *Die Wiederbelebung des class. Alterthums*, 2 vols., Berlin, 1894³; *J. A. Symonds*, *Renaissance in Italy* (vol. II. *The Revival of Learning*), 1877; *I. Burkhardt*, *Die Cultur der Renaissance in Italien*, 1885⁵; *D. Comparetti*, *Virgilio nel medio evo*, 2 vols., Livorno, 1872; *Alfred von Reumont*, *Lorenzo de' Medici, il Magnifico*, 2 vols. (1874), pp. 606. 604, esp. I, 517-606 II, 1-149; (Engl. Tr. 1876); *F. A. Eckstein*, *Nomenclator philologorum*, Lpz. 1871, pp. 656; *W. Pökel*, *Philolog. Schriftstellerlexicon*, Lpz. 1882.

(A) GREEK IMMIGRANTS.

Cf. *H. Hodus*, *De Graecis illustr. linguae Graecae litterarumque humaniorum instauratoribus*, 1742; *Bernhardy*, 1⁴, 730 ff.

(1) *Manuel Chrysoloras*, 1350-1415.

In Florence in 1396, thereafter in Pavia, Venice, Rome. Died in Germany. Niccoli, Bruni, Marsupini, Traversari were among his pupils.

a. Ἐρωτηματα τῆς Ἑλληνικῆς.

b. Verbatim translation of *Plato's Republic*.

Cf. *Voigt*, I, 225-35; *Symonds*, pp. 108 ff.

(2) *Georgios Gemistios Plethon*, 1355-1452.

Famous Platonist.

Voigt, II, 119-22; *Symonds*, pp. 198-210; *F. Schultze*, G. G. P., Iena, 1874, pp. 320.

(3) *Bessarion*, 1395-1472.

Pupil of Plethon. Famous library of 800 MSS bequeathed to Venice (the foundation of the St. Marcus Library). Translator of *Arist. Metaphysics*, *Xenophon's Memorabilia*.

Cf. *Voigt*, II, 124-33; *Symonds*, pp. 247 ff.; *H. Vast*, Le Cardinal Bessarion, St. Petersburg, 1883, *Krumbacher*, pp. 117 f.

(4) *Theodorus Gaza*, c. 1400-c. 1478.

a. Γραμματικὴ εἰσαγωγή.

b. Celebrated translations of: *Aristotle*; *Theophrastus*, de plantis; *Aelian*; *Dionysius*, De compositione verborum. *Cicero*, de sen. and de amicit. into Greek.

Cf. *Hody*, pp. 55-101; *Voigt*, II, 145 ff.; *L. Stein*, Archiv f. Gesch. der Philosophie, II 3, pp. 426-58.

(5) *Demetrius Chalcondylas*, 1428-1510.

a. Edition of *Homer* (ed. pr. 1488), *Isocrates*, *Suidas*.

b. Ἑρωτήματα.

Cf. *Hody*, pp. 211-26; *Voigt*, I, 442.

(6) *Constantinos Lascaris* († after 1500).

a. Ἑρωτήματα (Milan, 1476. First Greek book ever printed).

Cf. *Voigt*, I, 371 II, 148; *A. F. Villemain*, Lascaris, Paris, 1825 (Engl. transl. 1875, London).

(B) ITALIAN HUMANISTS.

(1) *Francesco Petrarca*, 1304-74.

Discoverer of Cicero's Letters.

Cf. *Voigt*, I, 12-159; *Symonds*, pp. 69-87; *Th. Campbell*, *Life and Times of Petrarca*, 1845²; *L. Geiger*, *Petrarka*, 1874, pp. 267; *G. Körting*, *P. Leben u. Werke*, Lpz. 1878; and esp. *P. de Nolhac*, *Pétrarque et l'humanisme*, Paris, 1892, pp. 439.

(2) *Giovanni Boccaccio*, 1313-75.

a. *Genealogia deorum gentilium*.

b. *De casibus illustrium virorum*.

c. *De claris mulieribus*.

d. *De montibus, silvis, fontibus, lacubus, fluminibus*.

Cf. *G. Körting*, *B.'s Leben u. Werke*, pp. 742, Lpz. 1880; *Voigt*, I, 165-86; *Symonds*, pp. 87-97. 133.

(3) *Colutius Salutatus* (Coluccio de Piero de Salutati), 1330-1406.

Cf. *Voigt*, I, 194-214 II 192. 486; *Symonds*, pp. 103 ff.

(4) *Leonardo Bruni* (Aretinus), 1369-1444.

Celebrated translations of *Aristotle*, *Demosthenes*, *Plutarch*.

Cf. *Voigt*, I, 309 ff. II, 165 f.

(5) *Francesco Poggio Bracciolini*, 1380-1459.

Discoverer of MSS of *Cicero* (seven orations), *Asconius Pedianus'* Commentary to *Cicero's* speeches, *Plautus* (XII new comedies), a complete *Quintilian*, *Ammianus Marcellinus*, *Aratea*, *Silius*, *Manilius*, *Columella*, *Frontinus*, *Nonius*, *Probus*, *Petronius*, parts of *Lucretius*, *Valerius Flaccus*, *Priscian*, *Vitruvius*, *Statius' Silvae* [*Tacitus*, *Dial.*, *Germ.*, *Suet. de gramm.*].

Cf. *Voigt*, I, 237-62 II, 7. 75. 254 ff. 329-342; *Symonds*, pp. 134 ff. 230-46; *Henzen* in *C. I. . . .* I (on P.'s contributions to epigraphy); *Ch. Nisard*, *Les gladiateurs de la République des lettres aux XVe, XVIe, XVIIe siècles*, 1860, pp. 117-194.

(6) *Vittorino da Feltre*, 1379-1447.

Celebrated pedagogue.

Cf. *Voigt*, I, 537 ff.; *Symonds*, pp. 289-97, and esp. *W. H. Woodward*, *Vittorino da Feltre*, Cambridge, 1897.

- (7) *Kyriacus of Ancona*, 1391–c. 1450.

“I go to awake the dead.” Famous collector of inscriptions in Greece and Italy. “Maiorem quam ipsi libri fidem et notitiam praeberere videbantur” (sc. inscriptiones).

Cf. *Voigt*, I, 271–88; C. I. L. III, p. xxii, 129 ff.; *E. Hübner*, Röm. Epigraphik (= I. Müller's Handbuch, vol. I²); *Symonds*, pp. 155 ff.; *B. de Rossi*, Inscript. Christ. II, 356–387.

- (8) *Giovanni Aurispa*, c. 1370–1459.

Famous collector of Greek MSS. Reached *Venice* in 1423, with 238 vols., containing mostly classical authors purchased in Constantinople. Among his priceless treasures were the celebrated codex Laurentianus (seven plays of *Soph.*, six of *Aesch.*, *Apollonius' Argonautica*), of the X. cent., now in Florence, *Iliad* (Venet. A), *Athenaeus*, the entire *Demosthenes*, and *Plato*, *Xenophon*, *Diodorus*, *Strabo*, *Arrian*, *Lucian*, *Dio Cassius*.

Cf. *Voigt*, I, 262 ff. 560 ff. II, 348.

- (9) *Francesco Filelfo* (Philelphus), 1398–1481.

Itinerant professor; collector of MSS. Translator of Homer.

Cf. *Voigt*, I, 351–69; *Symonds*, pp. 267–89; *G. Favre*, *Mélanges d'histoire littéraire*, vol. I, pp. 9–146, Genève, 1856; *Nisard*, pp. 1–115.

- (10) *Laurentius Valla* (Lorenzo della Valle), 1407–57.

a. *Elegantiae Latini sermonis*, 1444. 59. edit. in 1536. Still useful.

b. Translations: Herodotus, Thucydides, Homer.

c. Edition of *Quintilian*, printed 1494.

Cf. *I. Vahlen*, Lorenzo Valla, Vienna, 1870; *Voigt*, I, 464–80 II, 181 f.; *Symonds*, pp. 258–65; *Nisard*, pp. 195–304; *Mancini*, G., L. V. pp. 339, Florence, 1891; *M. Wolff*, L. V. Leipz. 1893.

- (11) *Marsilius Ficinus* (Marsiglio Ficino), 1433–99.

Famous translation of *Plato*.

Cf. *Creuzer*, Opusc. II 5, pp. 10-21; *Voigt*, II, 123. 326; *Symonds*, pp. 324 ff.

(12) *Angelus Politianus* (Angiolo de' Ambrosini of Monte Pulciano), 1454-98.

Praefationes to Homer, Quintilian, Stadius' *Silvae*, Suetonius, Praelectio in Persium. Translation of *Callimachus*, Herodianos and Epictetus.

Cf. *Heeren*, l. c., II, 247-69; *Voigt*, I, 371 II, 199; *Symonds*, pp. 345-55; *Reumont*, Lorenzo de Medici, vol. II.

(13) Petrus VICTORIUS (Pietro Vettori), 1499-1584.

The greatest philologist and critic of the Italian Renaissance.

a. Edition of *Cicero*, with commentary, 1534.

b. Edition of *Sophocles*, with comment. and the scholia, 1547. The *Electra* published for the first time in 1545. *Aeschylus*, 1557.

c. Edition, commentary and translation of *Aristotle*, (Ethics, Rhetoric, Poetics, de partibus animalium, Politics).

d. Xenophon's *Memorabilia*.

e. Terence; Sallust; Varro, de re rustica.

f. Demetrius [Phalereus] de elocutione, Dionysius, Isaeus, Dinarchus, Hipparchus in Arati et Eudoxi Phaenomena, Clemens Alexandrinus, Porphyrius de abstinentia.

g. *Variae lectiones*, 38 bks.

Cf. *Bandini*, Petri Victorii vita, Florence, 1758; *Fr. Creuzer*, l. c., pp. 21-36; *H. Kämmer*, Jahn's Jahrb. XCV, 545 ff.; XCVI, 325 ff., 421 ff.; *W. Rüdinger*, P. V. Halle, 1896, pp. 150.

A LIST OF THE MORE IMPORTANT EDITIONES PRINCIPES OF CLASSICAL AUTHORS.

Cf. *Chr. Saxe*, Onomasticon, 2 vols., 1775-90; *I. I. Brunet*, Manuel de Libraire, etc., 8 vols., 1880; *F. A. Schweiger*, Handbuch d. class. Bibliographie, 2 vols., 1830-34; *S. F. G. Hoffmann*,

Lex. Bibliographicum, 3 vols. (only Greek authors), 1832; *L. Hain*, *Repertorium bibliographicum, ab arte typographia inventa usque ad a MD*, 4 vols., Paris and Stuttgart, 1838; *Renouard*, *Annales de l'imprimerie des Aldes*, Paris, 1834⁸; *Schüick*, *Aldus Manutius u. seine Zeitgenossen*, Berlin, 1862; *A. F. Didot*, *Alde Manuce*, pp. LXVIII + 647, Paris, 1875.

1. *Greek*.

1481. Theocritus (Id. I–XVIII), together with Hesiod, Works and Days.
1488. Homer (ed. Chalcondylas). Valla's Latin transl. of the Iliad was printed as early as 1474.
1495. Hesiod, Opera omnia (Aldus).
- 1495–98. Aristotle (Aldus).
1496. Euripides' Med., Hypp., Alc., Androm. (I. Lascaris), Apollonius (Lascaris), Lucian (in Florence).
1498. Aristophanes (excl. Lys. and Thesm.); Opera omnia. Basle, 1532.
1499. Aratus (in: *Astronomi vett. ap. Aldum*).
1500. Callimachus' Hymns (Lascaris).
1502. Herodotus, Thucydides, Sophocles (Aldi).
1503. Euripides' Opera (excl. Electra, edit. by Victorius, 1545, from Cod. Laurent. 32, 2).
1513. Plato, Oratt. Att. [Hyperides, papyrus discovered 1847]. Pindar (together with Callim., Dionys., Perieg., Lycophron) (Aldus).
1514. Athenaeus (Aldus).
1516. Xenophon (excl. Agesil., Apologia, Πόροι, ap. Iunta), Opera omnia, 1525, ap. Aldum; Strabo (transl. printed in Rome, 1470), Pausanias.
1518. Aeschylus (Aldus).
1530. Polybius (ap. Vincent. Opsopocum, *i.e.* Koch). Latin transl. by Nic. Perrotto (bks. I–V), printed 1473.
1533. Diogenes Laertius (Froben, Basle).

1539. Diodorus (libb. 16-20). Latin transl. (libb.-I-V)
by Poggio, 1472.
1544. Iosephus (Basle).
1548. Cassius Dio (R. Stephanus).
1551. Appian.
1572. Plutarch (H. Stephanus). Latin transl. by Cam-
panus, 1471.

2. *Latin.*

1465. Cicero, de officiis. First printed edition of a class-
ical author. Cf. art. 'Typography' in Encycl.
Brit. Lactantius (Rome).
1469. Caesar, Virgil, Livy, Lucan, Apuleius, Gellius
(Rome).
1470. Persius, Juvenal, Martial, Quintilian, Suetonius
(Rome). Tacitus, Juvenal, Sallust, Horace
(Venice). Terence (Strassburg).
1471. Ovid (Rome, Bonn), Nepos (Venice).
1472. Plautus (G. Merula), Catullus, Tibullus, Proper-
tius, Statius (Venice).
1473. Lucretius (Brixiae).
1474. Valerius Flaccus (Bonn).
1475. Seneca (Prose Works), Sallust (*first* volume issued
in *octavo*).
1484. Seneca (Tragedies) at Ferrara.
1485. Pliny the Younger (Venice).
1498. Cicero, Opera omnia.
1520. Vell. Paterculus (Beatus Rhenanus, Basle). Only
one MS in existence.

V. FRANCE.

Cf. *E. Egger*, L'Hellénisme en France, 2 vols., 1869; *A. Le-
franc*, Histoire du Collège de France, 1893, pp. 432.

- (1) *Robert Etienne* (Stephanus), 1503-69.

Learned printer of classical authors, e.g. Horace,

Dionysius Hallic. Dio Cassius. *Thesaurus linguae Latinae*, 1531-6.

- (2) HENRI ETIENNE, son of Robert, 1528-98.

Thesaurus graecae linguae, 5 vols., 1572; reëdited by Dindorf, 1865. Still the most complete lexicon of Greek published.

Cf. *Egger*, l.c., pp. 198 ff.; *M. Pattison*, *Essays*, I, 66-124; *L. Feugère*, *Essai sur la vie et les ouvrages de H. E.*, Paris, 1853; *Pökel* (list of his numerous editions).

- (3) *Adrien Turnèbe* (Turnebus), 1512-65.

Celebrated *critic*. Edited e.g., *Aesch. Soph.*, *Arist. Ethics*, *Theophrastus*, *Philo.*, *Cicero de legg.* Commentaries to *Varro de ling. Lat.*, and *Horace*; *Adversaria*, 30 bks. Cf. *Pökel* s. v.

- (4) DENIS LAMBIN (DIONYSIUS LAMBINUS), 1520-72.

Famous commentator and critic of *Horace*, *Cicero*, *Lucretius*, *Plautus*, *Nepos*.

Cf. *Orelli*, *Onomasticon Ciceronis*, vol. I, Appendix, pp. 478-91.

- (5) *Marcus Antonius Muretus*, 1526-85.

Renowned Latin stylist and critic.

Editions and commentaries to *Terence*, *Catullus*, *Tibullus*, *Propertius*, *Seneca*; *Cicero's Philippics*. *Variae lectiones*.

Cf. *Opera omnia*, ed. *D. Ruhnken*, 4 vols. 1789 (Life in Vol. IV, 518-82); *Frotscher*, 3 vols., 1834; *C. Dejob*, *M. A. Muret*, Paris, 1881 (iv, pp. 496); *M. Pattison*, *Essays* I, 124-132.

On *Scaliger*, see below.

- (6) ISAAC CASAUBON (Casaubonus), 1559-1614.

Prof. at Geneva 1583, Librarian at Paris 1598, went to England 1610.

"Est doctissimus omnium qui hodie vivunt," Scaligerana.

a. *De Satyrica Graeca poesi et Romanorum satira*, 1605 (ed. Rambach, Halle, 1774).

b. Editions and commentaries:

a. *Theophrastus*, *Characters*. 1592.

β. *Athenaeus*, 1598. 1840⁸ (incorporated into Schweighäuser's edition).

γ. *Persius*, 1605. 1833⁴.

δ. *Suetonius*, 1595. 1611³ (cf. F. A. Wolf's edition).

ε. *Polybius*, 1609. (Especially noteworthy for its introduction on *Greek Historiography*.)

ζ. Apuleius, Strabon, Polyaeos (ed. pr.) *Histor. Aug. Script.*, Aristophanes.

η. Exegetical and critical contributions to Dionysius Halic., Pliny the Younger, Theocritus, Diogenes Laertius.

Cf. *Mark Pattison*, Isaac Casaubon, Oxford, 1892² (ed. Nettleship).

On *Salmasius*, see below.

(7) Charles du Fresne sieur du Cange, 1610–88.

One of the greatest scholars of all times.

a. *Glossarium ad scriptores mediae et infimae Latinitatis*, 1678. — *Glossarium ad scriptores mediae et infimae Graecitatis*, 1688. Still indispensable.

b. Edition of Byzantine Historians, 1680.

Cf. *Hardouin*, *Essai sur la vie et les ouvrages de du Cange*.

Paris, 1849; *L. Feugère*, *La vie et les ouvrages de du C.* 1852.

(8) *Bernard de Montfaucon*, 1655–1741.

Cf. *E. de Broglie*, *La société de l'abbaye de Saint-Germain*, etc., 1891, 2 vols.

a. *Palaeographia Graeca*, 1708 f.

b. *L'antiquité expliquée et représentée en figures*, 10 vols. fol. (1719), Suppl. 5 vols. fol. (1724). 1757².

VI. THE NETHERLANDS.

Cf. *L. Müller*, *Gesch. der class. Philologie in den Niederlanden*, Lpz. 1869 (pp. 249); *G. D. I. Schotel*, *De Academie te Leiden in de 16^e, 17^e en 18^e Eeuw*, Haarlem, 1875, pp. 410.

DESIDERIUS ERASMUS of Rotterdam, 1465–1536.

Cf. *H. Durand de Laur*, *Erasme*, 2 vols. (pp. 694, 596), Paris, 1872; *R. B. Drummond*, *E., his Life and Character*, 2 vols.

(pp. 413, 380), London, 1873; *L. Feugère*, Erasme, Paris, 1874; *A. R. Pennington*, Life and Character of E., London, 1875; *Pökel*, l.c. p. 71 f.

1. FIRST PERIOD, 1530-75.

- (1) Adriaan de Jonghe (*Hadrianus Junius*), 1511-75.
Plutarch, Symp., Martial, Nonius Marcellus, Animadversiones, 6 bks. — nomenclator octilinguis.
- (2) *Jacque de Crusque* (Cruquius), † 1584.
Editor of *Horace* with scholia, 1578.
- (3) *Wilhelm Canter*, 1541-75.
Editions of Aesch., Soph., Eur., Aristides, Stobaeus. Trans. of Lycophron's *Alexandra* (in Scaliger's edition).

2. SECOND PERIOD, 1575-1650.

Foundation of the University of Leyden, 1575; Utrecht, 1636. Cf. *L. Müller*, p. 5 ff.

- (1) JUSTUS LIPSIUS, 1547-1606.
1567 in Rome, 1572 Professor in Jena, 1576 in Löwen, 1579 in Leyden, 1592 in Löwen.
a. TACITUS, 1574¹. Epoch-making masterpiece.
b. *Velleius Paterculus*, 1591. Cf. *Ruhnken*, Opusc. II, p. 541.
c. *Seneca Philosophus*, 1605.
d. Valerius Maximus.

Cf. *A. de Reiffenberg*, De J. L. vita et scriptis commentarius, Brussels, 1823; *L. Müller*, pp. 24-29. 33-35.

- (2) JOSEPH JUSTUS SCALIGER, 1540-1609.

Wytttenbach, Praef. ad Plut. *Moralia* 'Unus forte Joseph Scaliger, quem ex omnibus qui post renatas Literas fuerunt, omni Antiquitatis scientia consumatissimum fuisse constat, non multum ab hac perfectione abfuit.' "The most richly stored intellect which ever spent itself in acquiring knowledge" Pattison.

“*Melius morbos quam remedia novimus*” Scaliger.
Born in France. Called to Leyden in 1593.

a. Coniectanea to Varro, De L. L., 1565.

b. Catalecta Virgilii et aliorum poetarum veterum,
1572.

c. FESTUS, 1575.

d. Catullus, Tibullus, Propertius, 1577.

e. Manilius, 1579.

f. DE EMENDATIONE TEMPORUM, 1583.

g. THESAURUS TEMPORUM, 1606.

h. TWENTY-FOUR INDEXES TO GRUTER'S THESAURUS
INSCRIP. LATIN., 1601.

i. De re nummaria, 1616; Opuscula, 1610; De arte
critica, 1619.

Cf. *J. Bernays*, *J. J. Scaliger*, Berlin, 1855 (pp. 319); List of works, l. c. pp. 267-305; *L. Müller*, pp. 35. 222-7; *M. Pattison*, Essays, Vol. I, 196-244; *Ruhnkenius*, Elog. Hemsterhusii (Opusc. I, 269).

(3) *Gerhard Johannes Vossius*, 1577-1649.

1615 in Leyden, 1622 in Amsterdam.

a. Grammatica Latina (1607), *Aristarchus* (1635),
de vitiis sermonis (1640), Etymologicum (1660).

b. Ars rhetorum, de arte poetica (1647).

c. DE HISTORICIS GRAECIS, 1634 (1833 ed. Westerman).

d. *De historicis Latinis*, 1627, 1651².

Cf. *L. Müller*, p. 39 f.; *Pökel*, s. v.

(4) *Daniel Heinsius*, 1581-1639.

Editor of Hesiod, Theocritus, Terence, Virgil,
Horace, Ovid, Seneca, *Silius*.

Cf. *L. Müller*, p. 38 f.

(5) Claude de Saumaise (SALMASIUS), 1588-1653.

Professor in Leyden, 1631. At the court of Christina of Sweden, 1650. Opponent of Milton. Discoverer of Kephala's Anthologia, 1606.

"Non homini sed scientiae deest quod nescivit Salmasius."
— Balzac.

a. Hist. Aug. Scriptt. 1620; Florus, 1609; Tertullian.

b. *Pliniana exercitatt.* in Solinum, 1629.

c. De lingua hellenistica, 1643.

d. De usuris, de mutuo, de annis climactericis.

e. De re militari Romanorum, 1657.

Cf. *Saxe*, Onomast. IV, 188 ff.; *F. Creuzer*, l. c. pp. 65-75; *L. Müller*, p. 41.

(6) *Hugo Grotius*, 1583-1645.

'Aliter pueri Terentium legunt, aliter Grotius.'

a. Famous transl. of the *Anthol. Planudea*, 1645.

b. *De iure belli et pacis*, 1625¹.

c. Editions of: Mart. Capella, Lucan's *Pharsalia*, Silius Italicus.

Cf. *Creuzer*, l. c. p. 80 ff.; *L. Müller*, p. 38; *H. de Vries*, H. G. 1827; *Pökel*. s. v.

3. THIRD PERIOD, 1650-1750.

(1) Joh. Friedrich *Gronov*, 1611-1671.

"Numquam interituram esse veram educationem donec Gronovii opera legentur." — Markland.

Edited: Sallust, Livy, both Senecas, the two Plinys, Tacitus, Gellius, Justinus, Plautus, Phaedrus, Statius, Martial.

Cf. *L. Müller*, pp. 42-44.

(2) Jacob *Gronov*, 1645-1716, son of (1).

a. Editor of: Herodotus, Polybius, Cicero, Ammianus.

b. *Thesaurus Antiquitatum Graecarum*, 13 vols., 1702.

(3) *Nicolaus Heinsius* (son of Daniel H.), 1620-81.

Editions and commentaries of: Virgil, Ovid, Valerius Flaccus, Silius, Claudianus, Prudentius, Petronius, Velleius, Curtius, Tacitus.

Cf. *L. Müller*, pp. 51-54.

- (4) Joh. Georg *Graevius*, 1623–1703.
 Editor of : *Ciceronis Opera omnia*, Hesiod, Callimachus, Iustinus, Catullus, Tibullus, Propertius, Florus. *Thesaurus Antiquitatum Romanorum*, 12 vols., 1699.
 Cf. *L. Müller*, pp. 44 f.
- (5) *Ezechieel Spanheim*, 1629–1710.
 Born in Geneva, died in London. Educated in Leyden.
 a. Famous and still useful commentary to the *Hymns of Callimachus*, ed. Ernesti, 1761, in 2 vols.
 b. *Dissertatio de usu et praestantia numismatum antiquorum*, 1664, 1706⁸.
 Cf. *D. Ruhnken*, Opusc. II, 596 f.
- (6) *Peter Burmann the elder*, 1668–1741.
 Editor of : Petronius, Velleius, Quintilian, Suetonius, Aristophanes, Phaedrus, Lucan, Valerius Flaccus.
 Cf. *L. Müller*, pp. 45, f. 54–59; *Saxe*, Onomast. V, 466–77.
- (7) *Peter Burmann [Secundus]*, nephew of (6), 1714–78.
 Editor of : Virgil, Propertius, Claudianus, *Poetae Minores*, *Anthologia Latina*.
 Cf. *T. C. Harles*, *Vitae Philologorum nostra aetate clarissimum*, vol. I, 93–167.
- (8) *Tiberius Hemsterhuis (HEMSTERHUSIUS)*, 1685–1766.
 Prof. in Franeker 1717, in Leyden 1740. Resuscitator of Greek studies in Holland.
 Editions of *Pollux* (1706), *Lucian* and *Aristoph. Plutos*.
 Cf. *D. Ruhnken*, *Elogium* II., pp. 1–33, with notes by Bergman, pp. 303–336; *L. Müller*, pp. 74–82.

4. FOURTH PERIOD, 1750 to the present.

(1) Ludwig Caspar *Valckenaer*, 1715–85.

Prof. in Franeker, 1741; in Leyden, 1766.

a. Editions of: Homer, *Iliad* with scholia, 1747.

EURIPIDIS PHOENISSAE, 1755 (1824⁴, Lpz. 2 vols.).

Euripidis Hippol. acced. DIATRIBE IN EUR. PERDIT.

FABB. RELL. 1768 (1823, Lpz. 2 vols.).

THEOCRITOS, *Bion and Moschus*, 1781. Poetae

bucolici et didactici ed. ill. 1781.

Callimachi fragmenta, ed. Luzac, 1799.

b. DIATRIBE DE ARISTOBULO ed. Luzac, 1806.

c. F. Ursinus, *Vergilius* collatione scriptt. Graec. illustr. ed. Valck., 1747.

Cf. *Wytttenbach*, Vita Ruhnkenii, pp. 175–181; *L. Müller*, pp. 82 f.

(2) David Ruhnken (RÜHNKENIUS), 1723–98.

Prof. at Leyden., born in Germany.

a. *Timaei lexicon* vocum Platoniarum, 1754 (1833⁴).

b. Oratio de doctore umbratico, Leyden, 1761.

c. *Historia critica oratorum Graecorum*, 1768 (Lpz. 1841).d. (P. J. Schardam) De vita et scriptis *Longini*.

e. Velleius, Homeric Hymns to Demeter and Dionysos.

f. Dictata in Terentium, in Ovidii Heroidas, in Suetonium.

Cf. *D. Wytttenbach*, Vita D. Ruhnkenii, pp. 67–300, ed. with notes by Bergmån, pp. 353–494 (1824); *L. Müller*, pp. 84–8, 101–3.

(3) *Daniel Wytttenbach*, 1746–1820.a. PLUTARCHI MORALIA (Text, *Animadversiones*, index, 14 vols.; Commentary unfinished), 1795–1820. Plato's Phaedo.b. Philomathia, 3 vols., 1817. Bibliotheca Critica, 1779–1809. *Vita Ruhnkenii*, 1799.

Cf. *L. Müller*, pp. 91–6; *Mahne*, Vita D. Wytttenbachi, 1823.

- (4) *Peter Hofman-Peerlkamp*, 1786–1865.
Editions of: Tacitus' *Agricola*; *Horace*, Odes (1834), Satires (1845) and *Ars Poetica* (1863); Virgil's *Aeneid* (1863); *Propertius*, 1865.
Cf. *L. Müller*, pp. 110 f.
- (5) *C. Gabriel Cobet*, 1813–89.
Prof. in Leyden.
a. *Oratio de arte interpretandi*, 1847.
b. *Diogenes Laertius*, Paris, 1850; *Lysias*, 1863.
c. *Novae Lectiones*, 2 vols. *Variae Lectiones*, 2 vols.
Cf. *J. J. Hartman*, *Biogr. Jahrbuch (Calvary)*, XII, 53 ff. (1889).

VII. ENGLAND.

Burney's *Pleiad*: Bentley, [Dawes], Markland, Taylor, [Toup, Tyrwhitt], Porson.

- (1) RICHARD BENTLEY, 1662–1742.

"Nobis et ratio et res ipsa centum codd. potiores sunt."—To Hor. C. III, 27, 13.

1676 in Cambridge, 1689 in Oxford, 1694 in London, 1700 Master of Trinity College, Cambridge.

- a. *Epistola ad Millium*, 1691.
b. DISSERTATION ON THE EPISTLES OF PHALARIS, etc., 1690 (ed. W. Wagner, 1874). Immortal masterpiece.
c. HORACE, 1711. 1869 (ed. Zangemeister). Epoch-making masterpiece.
d. Discovery of the *Digamma* in *Homer* (Collins on Freethinking, 1713, ed. of Milton, 1732).
e. *Terence* (Famous introduction on *Latin Versification*), with *Phaedrus*, *Publilius Syrus*, 1726.
f. Collection of the fragments of *CALLIMACHUS*, 1693.
g. *Manilius* (1739); Emendations to *Menander* and *Philemon* (1710).

Cf. *J. H. Monk*, Life of R. B., 2 vols. 1833² (I, 428 II, 466); *F. A. Wolf*, Literar. Analecten I, 1-95 II, 493-9 (= Klein. Schrift. II, 1030-1089 ff.); *R. C. Jebb*, R. B. (Engl. Men of Letters), Lond. 1882 (pp. 224); *J. Mähly*, R. B., 1868 (pp. 179). *Bernays*, Philol. Mus. VIII, 1-24.

(2) *Jeremiah Markland*, 1693-1776.

Editor of *Euripides*, Maximus Tyrius, *Stattius' Sylvae*. Remarks on the *Epistles of Cicero to Brutus*, 1745.

Cf. *Wolf*, Analecten, II, 370-91.

(3) *John Taylor*, 1703-66.

Editor of *Lysias*, 1739; *Aeschines*, 1769; several orations of Demosthenes.

Cf. *Wolf*, l. c. I, 500 ff.

(4) RICHARD PORSON, 1759-1808.

Next to Bentley, England's greatest text critic. Prof. in Cambridge, 1792; Librarian of the London Institution, 1805.

a. *Aeschylus*, 1795, 2 vols.

b. EURIP. HECUBA, 1797, with suppl. to the famous preface on *Greek versification* [Canon Porsonianus], 1808.

c. Eurip. Orest. 1798; Phoen. 1799; Medea, 1801.

d. Critical contributions to Homer, Herodotus, Xenophon, Aristoph., Pausanias, Suidas.

Cf. *J. S. Watson*, Life of R. P., 1861; *F. A. Wolf*, Anal. II, 284-9; *G. Hermann*, Opusc. VI, 92 ff. Tracts and Miscellaneous Criticism of R. P., edited by *Kidd*, 1815.

(5) *Peter Elmsley*, 1773-1825.

Editions of: Thucydides; *Eurip.* Alc., Androm., Elect., Med., Heracl., Bacch.; *Aristoph.*, Acharn., with comment., 1809. Soph., O. T., O. C.

(6) William Martin *Leake*, 1777-1869.

Celebrated traveler and archaeologist.

- a.* Topography of Athens and the demi.
b. Travels in Northern Greece, 1841, 4 vols.
c. Travels in the Morea, 1830, 2 vols.
 Cf. *J. H. Marsden*, Memoir on the Life and Writings of W. M. L., London, 1864; *E. Curtius*, Alterthum u. Gegenwart II, 305-323.
- (7) *Thomas Gaisford*, 1779-1855.
 Edition of: *Hephaestion*, *Procli* Chrestom., *Suidas*, 3 vols., Scriptt. lat. rei metricae, *Paroemiogr. Graec.*, *Etymol. Magn.* *Stobaeus*, *Eusebius*, 6 vols.
- (8) *George Grote*, 1794-1871.
a. GREEK HISTORY, 12 vols., 1856.
b. *Plato* and the other companions of Socrates, 1865.
c. Aristotle (unfinished), 1871.
 Cf. *Harriett Grote*, G. G. 1873; *Biogr. Jahrb.* I, 31 ff.
- (9) *Hugh Andrew Johnstone Munro*, 1819-85.
a. LUCRETIUS (text, comment., transl.), 3 vols., 1873. 1886⁴.
b. Lucil. Aetna, text and comment., 1867.
c. Horace, 1869.
d. Criticisms and Elucidations of *Catullus*, 1878.
 Cf. *J. D. Duff*, *Biogr. Jahrb.* VII, 111 ff.
- (10) *Benjamin Jowett*, 1817-1893.
 Translations of: The Dialogues of PLATO, 5 vols., 1892⁸; *Thucydides* with Commentary, 2 vols. 1881; *Politics* of Aristotle, 1885.

VIII. GERMANY.

Chief work: *C. Bursian*, Geschichte der class. Philologie in Deutschland von den Anfängen bis zur Gegenwart, Munich, 1883 (pp. VIII + 1271); *Raumer, K. von*, Geschichte der Paedagogik, vols. IV, V (edited by G. Lothholz, Gütersloh, 1896); *Schröder, I. F.*, Das Wiederaufleben der classischen Studien in Deutschland im 15. Jahrh. 1864; *Schmidt, I.*, Geschichte des geistigen Lebens in Deutschland von Leibnitz bis Lessing, 2 vols., 1864; *Paulsen, F.*, Geschichte des gelehrten Unterrichts in Deutsch-

land, 2 vols., 1896²; *Kaufmann, G.*, *Geschichte der deutschen Universitäten*, 2 vols., 1896; *Hübner*, l. c. pp. 99-121.

(A) ANTE-WOLFIAN PERIOD.

- (1) Roclef Huysman (*Rudolphus Agricola*), 1442/3-85.
Famous pedagogue. The first to introduce the systematic study of the classics into Germany. Translation of Pseudo-Plato's Axiochus, several treatises of Lucian. Commentary to Seneca Rhetor.

Cf. *Bursian*, pp. 101 f.

- (2) Johannes REUCHLIN, 1455-1522.

B. at Pforzheim, studied at Freiburg, Paris, Basle, Orléans. Followed a diplomatic career. Retired into private life in 1512. Professor at Ingolstadt 1520, Tübingen 1521. Championed in the famous "Epistolae obscurorum virorum."

a. *Vocabularius brevioquus, synopsis grammaticae Graecae.*

b. Translation of the *Batracho[myo]machia*.

c. Editions of: *Xenophon*, *Apol. Agesil. Hiero*; *Aeschinis et Demosthenis oratt. adversariae.*

Cf. *L. Geiger*, *R., sein Leben u. seine Werke*, Berl. 1871; *Bursian*, pp. 120-31.

- (3) PHILIP MELANCHTHON, 1497-1560.

'Praeceptor Germaniae.' B. in the Palatinate, studied at Tübingen, professor in 1514, at Wittenberg from 1518 till his death.

a. *Institutiones Linguae Graecae*, 1518. 1622⁴⁴.

b. *Grammatica Latina*, 1525. 1757⁸⁴.

c. Editions for commentaries to: *Aristoph. Clouds, Plutus*; *Arist. Ethics and Politics*; *Hesiod; Theognis*; *Dem. Olynth. I.*, in *Aristog.*; *Lycurgos in Leocratem*; *Aratus*. — *Cic. de Off., de Orat., de Am., Orator, Topica, Epist. ad Fam., Orations*;

Terence ; Virgil ; Ovid's Fasti ; Sallust ; Quint. Inst. Bk. X ; Tac. Germ.

d. Latin translations of : Pindar, Euripides ; speeches in Thucydides ; some speeches of Demosth. ; Aesch. in Ctesiph.

e. Handbooks on Rhetoric, Dialectics.

Cf. *Camerarius*, de vita Ph. M. ed. by Th. Strobel, Halle, 1877, *Schmid*, Encycl. d. Paedag. IV, 653-78, *Raumer*, l. c. I, pp. 145 ff., 346 f., and esp. *K. Hartfelder*, Ph. M., Berlin, 1889.

(4) Joachim Kammermeister (*Camerarius*), 1500-74.

B. at Bamberg, studied at Leipzig, professor at Tübingen (1535), at Leipzig (1541-74).

a. Editions of: Speeches of Demosth., Sophocles with commentary (1534, 1556), Quintilian with comment. (1534), Cicero, 4 vols. fol., 1540, Herodotus, Thucydides, *Plautus* (1552), Theocritus, Aristotle's Ethics, Theophrastus, historia rei nummariae.

Cf. *Ritschl*, Opusc. II, 99 ff., III, 67 ff. (On his edition of *Plautus*) ; *Bursian*, pp. 185-90. Full list of works in *Pökel*, s.v. pp. 39 f. ; *C. Halm*, Munich. Acad. II (1873), 241-273.

(5) Johann Albert *Fabricius*, 1668-1736.

B. at Leipzig, professor at a gymnasium at Hamburg.

a. *Bibliotheca Graeca*, 14 vols., 1728 (ed. Harles, 1809, 12 vols., index, 1838). A monumental and still indispensable storehouse of information.

b. *Bibliotheca Latina*, 1697 (ed. Ernesti, 1773).

c. *Bibliotheca Lat. med. et infim. aetatis*, 1746, 6 vols.

d. *Sextus Empiricus*, 1718.

Cf. *H. S. Reimarus*, de vita et scriptis F. Hamburg, 1737 ; *Cruzer*, pp. 201-5 ; *Bursian*, pp. 360-4 ; *Pökel*, s. v.

(6) Johann Mathias *Gesner*, 1691–1761.

B. in Bavaria, studied at Jena, taught at gymnasia from 1715 to 1734 (Weimar, Ansbach, Leipzig), professor at the new university of Goettingen from 1734 till his death. Reformer of classical studies.

Editions of: *Pseudo-Lucian*, *Philopatris* (1714), *Scriptores rei rusticae*, Horace, Quintilian, Pliny the Younger, Claudian. *Thesaurus Linguae Latinae*, 2 vols. fol., 1749. Transl. of *Lucian*.

Cf. *Bursian*, pp. 387–93; *F. Paulsen*, vol. I, l. c.

(7) Johann August *Ernesti*, 1707–81.

B. in Thuringia, *Gesner*'s successor as rector of the Thomas Gymnasium, Leipzig; professor at this university from 1742 till his death. Famous teacher and Latin stylist.

Editions of: Xenophon's *Memorab.*, Arist. *Clouds*, Homer, Callimachus, Polybius, Tacitus, Sueton., *Cicero*, 1739, 1774, 5 vols., with *clavis Ciceroniana* (Halle, 1832²).

Cf. *Bursian*, pp. 400–4; *Allg. deutsche Biogr.* VI, 235–42.

(8) JOH. JACOB REISKE, 1716–74.

B. in Saxony, studied at Leipzig, doctor of medicine at Amsterdam 1746, professor of Arabic at Leipzig in 1748, rector of the Nicolai Gymnasium at Leipzig from 1758 till his death. One of the greatest Greek scholars of modern times.

a. Edition of Constantinos Porphyrogenetos, *de cerimoniis aulae Byzantinae*, 2 vols., 1754.

b. Editions of: Theocritus, 2 vols., 1766; *Oratt. Graeci*, 12 vols., 1775.

c. Editions of: *Plutarch*, 12 vols.; *Dionysius Halic.*, 6 vols.; *Maximus Tyrius*, 2 vols.; Dion Chrysos-

tomus, 2 vols.; Libanius, 4 vols. (all printed after R.'s death).

d. Translation of: Speeches in Thucyd., Speeches of *Dem. and Aesch.*, 5 vols.

e. *Animadversiones ad auctores Graecos*, 5 vols., 1766.

Cf. *Autobiography*, Lpz. 1783, pp. 818; *Bursian*, pp. 407-16.

(9) JOHANN JOACHIM WINCKELMANN, 1717-68.

B. at Stendal, assassinated at Triest, June 8. Taught school (1743-48), assistant librarian at Dresden (1748-54), went to Rome in 1755. Founder of the science of Archaeology.

Die Geschichte der Kunst des Alterthums, 1764; *Monumenti antichi inediti*, 2 vols., 1767.

Cf. *K. Justi*, W., sein Leben, seine Werke und seine Zeitgenossen, 3 vols., Lpz. 1872 (pp. xii+525. 398, pp. vi+440); *Bursian*, pp. 426-36.

(10) JOSEPH HILARIUS ECKHEL, 1737-98.

B. in Austria, professor at Vienna, director of the Numismatic Collections. Founder of the science of Numismatics.

Doctrina nummorum veterum, 8 vols., 1798. 1841⁴.

Cf. *Bursian*, pp. 496-99.

(11) CHRISTIAN GOTTLOB HEYNE, 1729-1812.

B. at Chemnitz, succeeded Gesner, on the recommendation of D. Ruhnken, as professor at Goettingen, 1763-1812.

Editions of: Tibullus, 1755; Epictetus, 1756; *Virgil*, 4 vols., 1775; Pindar, 3 vols., 1799²; [Ps.] *Apollodori Bibliotheca*, 2 vols., 1782, 1802²; *Iliad*, 8 vols., 1802; *Opusc. Academica*, 6 vols., 1785-1812.

Cf. *A. H. L. Heeren*, Chr. G. Heyne, Goettingen, 1813 (XXII, pp. 522); *Bursian*, pp. 476-500, *Allgem. Deutsche Biogr.*, XII, pp. 375 ff.

(B) THE NEW SCHOOL.

FRIEDRICH AUGUST WOLF, 1739 (200 years after Casaubonus) —1824.

B. near Nordhausen, studied at Goettingen under Heyne, matriculating, April 8, 1777, as "studiosus philologiae." Taught school at Ilfeld and Osterode, professor at Halle 1783—1806, at Berlin 1810. Of his pupils A. Boeckh, I. Bekker, Ph. Buttmann, G. Bernhardt, and Heindorf were the most distinguished.

a. Prolegomena to HOMER, 1795, 'Epoch-making.'

Cf. *R. Volkman*, Geschichte u. Kritik der W.'s Prolegg., Lpz. 1874.

b. Demosthenis Leptinea (valuable introduction), 1790.

c. Plato's Symposium; Hesiod's Theogony; Cicero, Tusc. Disp., *Orations* (Post. red., in senatu ad Quirites, de domo sua, de haruspicum responsis, pro Marcello — regarded as spurious by W.) Aristoph. *Clouds*; Casaubonus' Suetonius.

d. Encyclopaedie der Philologie ed. Stockmann, Lpz. 1831.

e. Kleine Schriften, 2 vols., 1869, pp. 1200.

Cf. *W. Körte*, Leben u. Studien F. A. W.'s des Philologen, 2 vols., Essen, 1833 (pp. 363. 314); *Bursian*, pp. 517—48; *M. Pattison*, Essays I, 337—415.

1. *Grammatico-critical School.*On *Criticism* and *Hermeneutics*:

Huet, De optimo genere interpretandi, etc., 1691; *F. Schleiermacher*, Works, III 3, pp. 344 ff.; Hermeneutik u. Kritik, Works, 1 pt. VII, 1838 (pp. xviii + 390); *G. Hermann*, de officio interpretis, Opusc. V, 405 ff. VII, 97 ff.; *A. Boeckh*, Opusc. I, 100 ff. V, 248 ff. VII, 262 ff., Encyclopaedie, etc., der phil. Wissensch., pp. 79—263; *H. Sauppe*, Epistola Critica; *C. G. Cobet*, Oratio de arte interpretandi, Leyden, 1847 (pp. 163); *G. Bernhardt*, Grundlinien zur Encycl. der Philol., pp. 53 ff.; *J. N. Madvig*, Advers. Critica, I (1871), 8—184; *E. Tournier*, Exercices critiques, Paris, 1875

(pp. 175); *H. Steinthal*, *Arten u. Formen der Interpretation* (Philol. Versamml. Wiesbaden, 1877, pp. 25-35); *C. von Prantl*, *Verstehen u. Beurtheilen*, Munich Acad. 1877, pp. 37; *F. Bücheler*, *Philolog. Kritik*, Bonn, 1878; *Fr. Blass*, *Hermeneutik u. Kritik* (Iwan Müller's Handbuch) I², 147-295; *Wm. M. Lindsay*, *An Introduction to Latin Textual Emendation*, London, 1896, pp. 126.

(1) GOTTFRIED HERMANN, 1772-1848.

B. in Leipzig, studied in his native city, where in 1794 he became "privat docent," professor 1797-1848. Lobeck, Reisig, Thiersch, Meineke, M. Haupt, his most noted pupils.

a. Editions of: *Aeschylus*, *Soph.*, *Eurip.* (*Hecuba*, *Herc. fur.*, *Suppl.*, *Bacchae*, *Alcestis*, *Ion*, *Iph. Aul.* and *Taur.*, *Hel.*, *Androm.*, *Cycl.*, *Phoen.*, *Orest.*), *Arist. Clouds*, *Plautus' Trinummus*, *Aristotle's Poetics*, *Homeric Hymns*, *Lexicon of Photios*, *Bion* and *Moschus*.

b. *Elementa doctrinae metricae*, 1816.

c. *Homeric treatises*, 1832, 1840. *Opusc.*, 8 vols., 1827-39 vol. VIII, 1876.

Cf. *O. Jahn*, *Biogr. Aufsätze*, Lpz. 1849, pp. 91-132; *Bursian*, pp. 575 ff., pp. 666-86; *H. Köchly*, *G. H.* 1874, pp. 330.

(2) Christian August Lobeck, 1781-1860.

B. at Naumburg, 1802 privat docent at the University of Wittenberg, 1809 director of the Lyceum, 1810 professor, 1814-1860 at Königsberg.

a. *Sophocles*, *Ajax*, 1809.

b. *AGLAOPHAMUS*, 2 vols., 1829.

c. *Paralipomena grammaticae Graecae*, 2 vols., 1837.

d. *Pathologiae sermonis Graeci prolegomena*, 1843.

Cf. *Bursian*, pp. 572 ff., 711-713; *A. Ludwich*, *Ausgewählte Briefe von und an C. A. Lobeck und K. Lehrs*, Lpz. 1894, pp. 1050.

- (3) AUGUST IMMANUEL BEKKER, 1785-1871.
 B. in Berlin, studied in Halle, professor at Berlin from 1810 till his death. Collated over 400 MSS. in Paris (1810-12. 1819), in Italy (1817-19. 1839), in England (1820).
a. Text Editions of: Plato, Attic Orators, Aristotle, Sextus Empiricus, Thucydides, Theognis, Aristophanes, Photios, Suidas, Scholia to the Iliad, Cassius Dio, Harpocration, Corpus scriptt. Byzantinorum, 24 vols., Homer (with *digamma* in the text), etc., etc.
 Cf. *Bursian*, pp. 658-63; *Pökel*, s. v.; *A. Ludwig*, l. c. pp. 95 f.
- (4) KARL LACHMANN, 1793-1851.
 B. in Braunschweig, studied at Leipzig and Goettingen (under Heyne and Dissen), professor at Königsberg (1818-24), at Berlin (1825-51). One of the greatest critics of all times.
a. Propertius (1816), *Catullus, Prop., Tibull.* (1829), Terentianus Maurus.
b. BETRACHTUNGEN ÜBER HOMER'S ILIAS (mit Zusätzen von M. Haupt), 1837, 1841. 'Epoch-making.'
c. LUCRETIUS, with critical commentary. 'Immortal masterpiece.'
d. *Lucilius* (ed. Vahlen), *Gaius, Babrius*.
e. NEW TESTAMENT (*Methodology of scientific textual criticism*).
 Cf. *M. Hertz*, K. L., Berlin, 1851 (pp. x + 255, xliii); *Bursian*, pp. 789-800; *Briefe an M. Haupt*, ed. I. Vahlen, 1893; *K. Weinhold*, Mittheilungen über K. L., Berlin Acad. 1894.
- (5) August Meineke, 1790-1870.
 B. in Westphalia, studied at Leipzig, director of the Joachimsthal Gymnasium at Berlin 1826-57, when he retired.

a. Editor of: *Strabo*, Athenaeus, Callimachus, *Aristophanes*, *Fragmenta Comicorum Graecorum* (with HISTORY OF GREEK COMEDY), 5 vols., 1841, Theocritus, Stobaeus, Stephanus Byzantius, Horace (application of the four-line strophe).

b. *Analecta Alexandrina*, 1843.

Cf. *F. Ranke*, A. M., Ein Lebensbild, Lpz. 1871; *M. Haupt*, Opusc. III, 228 ff.; *Bursian*, pp. 764-9.

(6) *Karl Wilhelm Dindorf*, 1802-83.

B. in Leipzig, studied under Hermann, professor 1828-33.

a. Editor of: *Aristophanes*, *Poetae scenici Graeci*, Demosthenes, 9 vols., 1846-51, *Stephanus Byzantius*, *Aristides*, Themistius, Lucian, Herodotus, Josephus, *Clemens Alexandrinus*, 4 vols., Eusebius, 4 vols.

b. Scholia to *Odyssey*, 1856; *scholia to Iliad*, 4 vols., 1877.

c. *Lexicon Aeschyleum*, *Lex. Sophocleum*. New edition of *Stephanus' Greek Thesaurus*, *Metra Aesch.*, *Soph.*, *Eur.*, *Aristoph.*

Cf. *Biogr. Jahrb.* VI (1883), pp. 112 ff.; *Bursian*, pp. 861-70.

(7) *Karl Lehrs*, 1802-78.

B. in Königsberg, pupil of Lobeck, privat docent 1831, professor 1835-1878.

a. DE ARISTARCHI STUDIIS HOMERICIS, 1833 (1882³, pp. 505).

b. Horace, 1869. Transl. of *Plato's Phaedrus and Symposium*.

c. *Die Pindarscholien*, Lpz. 1873.

Cf. *E. Kammer*, Biogr. Jahrb. (1879), pp. 15-28; *Bursian*, pp. 718-24; *A. Ludwich*, l. c. pp. 75 ff.

(8) FRIEDRICH RITSCHL, 1806-76.

B. in Thuringia, pupil of Reisig at Halle, privat docent at Halle 1829, professor 1832, at Breslau 1833, at Bonn 1839, at Leipzig 1865. His motto: "Nil tam difficilest quin quaerendo investigari possiet."

a. PLAUTUS (*Trinummus*, with famous Prolegg.) PAR-
ERGA, to Plautus and Terence (*Fabulae Varronia-
nae*, etc.), *Opusc.* II, 782, III, 1-300. "Sospitator
Plauti."

b. On the literary activity of Varro. *Opusc.* III, pp.
419-592.

c. Aeschylus, Septem, 1853.

d. *Priscae latinitatis monumenta epigraphica.* 1862.
Opusc. vol. V.

e. On Alexandrian library, Stichometry, etc. *Opusc.*
vol. I.

Cf. *L. Müller*, F. R., Berlin, 1877; *O. Ribbeck*, F. W. R., Ein
Beitrag z. Gesch. der Philologie, 2 vols., Lpz. 1881 (pp. vii+348,
viii+591); *Bursian*, pp. 812-40.

(9) JOHANN NICOLAUS MADVIG, 1804-1886.

B. in Denmark, professor at the university of Co-
penhagen 1829-86; twice minister of Education and
repeatedly Speaker of the Danish Parliament. One
of the most noted *text critics* of modern times.

a. *De Asconii Pediani comment.* 1828-29.

b. CICERO DE FINIBUS, 1839, 1876^s.

c. *Emendationes Livianae*, 1860, 1877^s.

d. *Livy*, ed. Madvig and Ussing, 1866, 1879^s, 4 vols.

e. *Latin Grammar*, 1843¹. *Greek Syntax*, 1847.

f. *Opusc. Acad.*, 1887². *Adversaria Critica*, 3 vols., 1884.

g. *Verfassung u. Verwalt. des röm. Staates*, 2 vols., 1882.

Complete list of his works in *Wochenschr. f. class. Philol.* IV (1887), p. 285. Cf. *Heiberg*, *Biogr. Jahrb.* IX (1886), 202-21. *Autobiography* (1887).

(10) *Theodor Bergk*, 1812-81.

B. at Leipzig, professor at Marburg 1842, at Freiburg 1852, at Halle 1857, honorary professor at Bonn 1869.

a. *POETAE LYRICI GRAECI*, 1878⁴. The standard edition.

b. *Geschichte der griech. Literatur*, 4 vols. a torso and, with the exception of vol. I., a posthumous publication.

Cf. *A. Schaefer*, *Biograph. Jahrb.* IV, pp. 105 ff.

(11) *AUGUST NAUCK*, 1822-92.

B. in Auerstadt, Germany, studied at Halle, called to St. Petersburg in 1856 as member of the Imperial Academy.

a. *Aristophanis Byzantii fragmenta*, 1848.

b. *Euripides*, 1854, 1871³; *Sophocles*, 1867.

c. *TRAGICORUM GRAECORUM FRAGMENTA*, 1856. 1889², with *index tragicæ dictionis*, 1892.—His masterpiece and the standard work on the subject.

d. *HOMER* (*Odyssey*, 1874, *Iliad*, 1877).

e. *Porphyrius*, 1886², *Lexicon Vindobonense*, 1867, *Iamblichi de vita Pythagorica*, 1884.

Cf. *Th. Zielinski*, *A. N.*, Berlin, 1893, pp. 67 (= *Biogr. Jahrb.* XVI). Full list of his writings, 125 in number, pp. 59-65.

2. *Historico-antiquarian School.*

Bibliography:

Hübner, *Encyclopaedie: Greek and Roman Literature, Grammar, Poetics* (pp. 140-75), *Religion* (pp. 175-84), *Greek and*

Roman Antiquities and History (pp. 184-215, 359-88), Geography (pp. 215-85), Chronology (pp. 286-90), Archaeology (pp. 290-342), Metrology and Numismatics (pp. 342-51), Epigraphy (pp. 351-59). Cp. also *Sal. Reinach*, Manuel de philologie classique, vol. II, Appendice, Paris, 1884 (pp. 310).

(1) BARTHOLD GEORG NIEBUHR, 1776-1831.

B. at Copenhagen, studied at Kiel and Goettingen, professor at Berlin in 1810.

a. ROMAN HISTORY, 3 vols., 1811¹. 'Epoch-making.'

b. Lectures on *Roman History*, 3 vols. (Engl. 1843, Germ. 1846), *Roman Antiquities* (1858), *Länder und Völkerkunde* (1851), *Ancient History*, 3 vols. (1851).

c. Edition of *Fronto*, 1816, *Fragmm. of Cicero's Speeches*.

d. *Kleine Schriften*, 2 vols., 1828.

Cf. *K. G. Jacob*, in Niebuhr's Brief an einen jungen Philologen, Lpz. 1839; *S. Winkworth*, The Life and Letters of B. G. N., 3 vols., Lond. 1853; *Bursian*, pp. 647-63; *F. Eysenhardt*, B. G. N., Gotha, 1886; *I. Classen*, B. G. N., Gotha, 1876, pp. 181.

(2) AUGUST BOECKH, 1785-1867.

B. in Karlsruhe, studied in Halle, privat docent in Heidelberg (1807), professor in the same year, called to Berlin in 1811, where he remained till his death. Among his most noted pupils may be mentioned K. O. Müller, E. Curtius, U. Köhler, A. Kirchhoff.

a. *De Graecae tragoediae principibus*, 1806.

b. Edition of PINDAR, 4 vols., 1811-22.

c. CORPUS INSCRIPTIONUM GRAECARUM, 4 vols.

d. PUBLIC ECONOMY OF THE ATHENIANS, 2 vols., 1817¹, 1886³.

e. *Philolaos*, 1819.

- f. *Metrologische Untersuchungen*, 1838; Manetho u. die Hundsternperiode, 1845; Zur Gesch. der Mondcyclen, 1856; *Opuscula*, 7 vols., 1874.
 g. Encyclopaedie u. Methodologie der Philol. ed. Klussmann, 1886² (pp. 884).

Cf. *E. von Leutsch*, Philol. Anz. XVI (1886), 224 ff.; *Bursian*, pp. 687-705; Briefwechsel zwischen A. B. und K. O. Müller, 1883, pp. 442.

(3) Friedrich Gottlieb *Welcker*, 1784-1868.

B. in Grünberg, Hesse, studied at Giessen, visited Italy, tutor in the house of W. von Humboldt at Rome, professor in Giessen 1808-15, in Goettingen 1816, in Bonn 1819-59, when he resigned.

- a. Die Aeschyleische Trilogie Prometheus, 1824. Mit Nachtrag, 1826.
 b. *Theognis*, 1826.
 c. Der *Epische Cyclus*, 2 vols., 1849 (1882²).
 d. DIE GRIECH. TRAGOEDIEN, 3 vols. (pp. 1614), 1841. Not yet superseded.
 e. *Alte Denkmäler*, 5 vols., 1849-64.
 f. *Griech. Götterlehre*, 3 vols., 1863.
 g. Kleine Schriften, 6 vols. (on *Sappho*, *Prodicus*, etc.), *Zoega's Leben*, etc., 2 vols., 1819.

Cf. *Reinh. Kekulé*, F. G. W.'s Leben, Lpz. 1880 (pp. 591); *Bursian*, pp. 1029-46).

(4) Karl *Otfried Müller*, 1797-1840.

B. in Silesia, studied at Breslau and Berlin (under Boeckh), appointed professor at Goettingen in 1819, d. at Athens of a fever contracted at Delphi, while copying inscriptions.

- a. Die Dorier, 1824; Die Etrusker, 1828 (1878²).
 b. *Archaeologie der Kunst*, 1830 (1878⁴).
 c. *Aeschylus' Eumeniden*, 1833.

d. Varro, de lingua Latina, 1833.

e. FESTUS, 1839.

f. HISTORY OF THE LITERATURE OF ANCIENT GREECE, Lond. 1840, 3 vols. (1876⁸ in 3 vols., ed. E. Heitz).

Cf. *Bursian*, pp. 1007-9; *K. Hillebrand*, in the French transl. of (*d*), vol. I, xvii-ccclxxx, Paris, 1865; *Ranke*, C. O. M., Ein Lebensbild, Berlin, 1870; *M. Hertz*, Index lectionum, Breslau, 1884, pp. 13.

(5) FRANZ BOPP, 1791-1867.

B. at Mayence, studied in Paris and London, professor of Oriental Languages at Berlin from 1821 to 64. Founder of the science of comparative philology. Principal work: *Comparative Grammar of Sanskrit, Zend, Armenian, Greek, Latin, Lithuanian, Old Slavic, Gothic and German*, 1871⁸.

Cf. *B. Delbrück*, Einl. in das Sprachstudium, Lpz. 1880; *Lefman*, F. B., 1892.

(6) *Gottfried Bernhardt*, 1800-75.

B. at Landsberg, studied at Berlin, privat docent 1823, professor 1825, called to Halle in 1829 as the successor of Reisig.

a. Eratosthenica, 1822; Dionys. Perieg., 1828; Wissenschaft. Syntax, 1829.

b. SUIDAS, 2 vols., 1834-58. 'Monumental.'

c. GRIECH. LITERATURGESCHICHTE, 2 vols., 1836-45 (1880).

d. RÖM. LITERATURGESCHICHTE, 2 vols., 1830 (1872⁸).

Cf. *R. Volkmann*, G. B., Halle, 1887 (pp. 160); *Bursian*, p. 776.

(7) *Otto Jahn*, 1813-69.

B. in Kiel, privat docent 1839, professor at Greifswald 1842, at Leipzig 1847, at Bonn 1855, d. at Goettingen.

a. Edition and commentary of PERSIUS, 1843 (a philological masterpiece); *Juvenal*, 1851; Cic. *Brutus*, 1849; *Orator*, 1851; Florus, 1852; *Livii Periochae*, 1853; *Soph. Electra*, 1861¹ (1872²); *Plato's Symposium*, 1864 (1876²); *Pseudo Longinus Περί ὑψους*, 1867 (1887²).

b. *Pausaniae descriptio arcis Athen.*, 1860 (1880²).

c. Numerous treatises on archaeology and literature (e.g., On the subscriptions in Latin MSS. 'Ueber den Aberglauben des bösen Blicks').

Cf. *Bursian*, pp. 1070–80; *J. Vahlen*, O. J. Wien, 1870, pp. 24.

(8) *Ernst Curtius*, 1814–96.

B. at Luebeck, studied at Bonn, Goettingen, and Berlin, at Athens from 1837 to 1840, appointed tutor to the Crown Prince of Prussia (Frederick III), professor at Goettingen as successor of K. F. Hermann in 1856, at Berlin 1868–96.

a. HISTORY OF GREECE, 3 vols., 1889⁶.

b. *Peloponnesos*, 2 vols., 1852.

c. *Die Stadtgeschichte von Athen*, 1891.

d. Sieben Karten zur Topographie von Athens nebst erläuterndem Text, 1886.

e. *Olympia*, ein Vortrag, Berlin, 1852. — Many works on the history and excavations at Olympia.

f. *Alterthum u. Gegenwart*, 3 vols.⁴, *Gesammelte Abhandlungen*, 2 vols. Particularly noteworthy. 'Zur Geschichte des Wegebbaus bei den Griechen' (1855), *Die Ionier* (1855).

(9) THEODOR MOMMSEN, 1817—.

B. in Schleswig, studied jurisprudence and philology at Kiel, 1848 professor of Roman Law at Leipzig, 1852 at Zürich, 1854 at Breslau, since 1858 pro-

fessor of ancient history at Berlin. One of the greatest scholars in the history of classical learning.

- a. *Röm. Münzwesen*, 1850; ROMAN HISTORY, Vols. I–III⁸, V⁸ (transl. by Dickson); *Römische Chronologie*, 1859; *Röm. Forschungen*, 2 vols., RÖM. STAATSRECHT, 3 vols. (pp. 708, 1171, 1336), 1888⁸.
- b. CORPUS INSCRIPTIONUM LATINARUM, Vols. I, III, VIII, IX.
- c. *Monumentum Ancyranum*, 1865¹.
- d. *Digesta, Solinus, Iordanes, Cassiodorus*.
- e. *Zur Lebensgesch. des jüngeren Plinius*, Hermes III, pp. 31–139, etc., etc.

For a full list of his works up to 1887, cf. *C. Zangemeister*, Theodor Mommsen als Schriftsteller, Heidelberg, 1887 (pp. 60).

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the fact that the *de novo* synthesis of cholesterol is inhibited by the presence of dietary cholesterol.

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The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the liver. The amount of cholesterol in the liver is directly proportional to the amount of cholesterol in the diet.

The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the intestines. The amount of cholesterol in the intestines is directly proportional to the amount of cholesterol in the diet.

The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the pancreas. The amount of cholesterol in the pancreas is directly proportional to the amount of cholesterol in the diet.

The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the gallbladder. The amount of cholesterol in the gallbladder is directly proportional to the amount of cholesterol in the diet.

The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the kidneys. The amount of cholesterol in the kidneys is directly proportional to the amount of cholesterol in the diet.

The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the lungs. The amount of cholesterol in the lungs is directly proportional to the amount of cholesterol in the diet.

The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the heart. The amount of cholesterol in the heart is directly proportional to the amount of cholesterol in the diet.

The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the brain. The amount of cholesterol in the brain is directly proportional to the amount of cholesterol in the diet.

The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the muscles. The amount of cholesterol in the muscles is directly proportional to the amount of cholesterol in the diet.

The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the skin. The amount of cholesterol in the skin is directly proportional to the amount of cholesterol in the diet.

The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the bones. The amount of cholesterol in the bones is directly proportional to the amount of cholesterol in the diet.

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The amount of cholesterol in the blood is also directly proportional to the amount of cholesterol in the teeth. The amount of cholesterol in the teeth is directly proportional to the amount of cholesterol in the diet.

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