

5 Digital Athenaeus

This chapter describes the *Digital Athenaeus*, which is a project that provides an inventory of authors and works cited in the *Deipnosophists* of Athenaeus of Naucratis and implements a data model for identifying, analyzing, and citing uniquely instances of text reuse. The first section (5.1) describes characteristics of the *Deipnosophists* of Athenaeus and its role as a cover-text of many citations of Classical authors. The second section (5.2) introduces the *Digital Athenaeus* project. The third section (5.3) describes editions of the *Deipnosophists* that are currently available in a digital format and how the Greek text of this work can be accessed (5.3.1) and searched (5.3.2) in the *Digital Athenaeus* project. The fourth section (5.4) describes data citation applied to the text of the *Deipnosophists* and two resources that have been created as part of the project: the *Casaubon-Kaibel Reference Converter* (5.4.1) and the *CTS URN Retriever* (5.4.2). The fifth section (5.5) describes the production of the digital version of four indices of the *Deipnosophists* (5.5.1, 5.5.2, 5.5.3, 5.5.4) and their alignment with the Greek text in order to map their entries on to the text of Athenaeus (5.5.5 and 5.5.6). The sixth section (5.6) describes Named Entity Recognition applied to the text of the *Deipnosophists*, the production of a digger (5.6.1) and a concordance (5.6.2) to access named entities in Athenaeus, and methods for their annotations (5.6.3).

5.1 The Deipnosophists as a Cover-Text

The *Deipnosophists* of Athenaeus of Naucratis is not only an erudite and literary encyclopedia of a myriad of curiosities about classical antiquity, but also an invaluable collection of quotations of ancient authors, ranging from Homer to tragic and comic poets and lost historians.¹ Since the large majority of the works cited by Athenaeus is nowadays lost, this compilation is a sort of reference tool

1 Athenaeus of Naucratis is almost unknown. The Byzantine lexicon *Suda* (A 731, s.v. Ἀθηναῖος) describes him as coming from the Egyptian city of Naucratis, being a grammarian, and living in the time of the emperor Marcus Aurelius. Athenaeus presents himself as participating in the banquets described in the *Deipnosophists* with other twenty-two sophists (cf. section 5.5.3). He offers the account of the conversations to his friend Timocrates.

for every scholar of Greek theatre, poetry, historiography, botany, zoology, and many other topics.² The text has been transmitted in two different forms: 1) a 10th century mutilated copy of the original work (*Marcianus Graecus* 447), where the first part of the text until the third book (*Deipn.* 73e = 3.4) and other scattered folios are lost; 2) an epitome of the whole work in four copies (*Parisinus Suppl. Gr.* 841; *Laurentianus* LX.2; *BM Bibl. Regia* 16.D.X; *Erbacensis* 4).³

Figure 5.1 shows folio 124 (*verso*) of the main manuscript of the *Deipnosophists*, which is preserved in the Biblioteca Nazionale Marciana of Venice (*Marc. Gr.* 447).⁴ The image shows one of the peculiarities of the manuscript, which is enriched with *marginalia* constituted by *scholia*, *lemmata*, and notes.⁵ In this case margins include the following *lemmata* and notes that concern authors and topics cited by Athenaeus in a passage of the seventh book about the cuttlefish, the squid, and red mullets (*Deipn.* 324a–f = 7.124–125):⁶ Ἴππῶναξ (324a), ἐξήγησις Ἴππῶνακτος (324a), Ἐρασίστρατος (324a), Γλαῦκος (324a), Ἀρχέστρατος (324b), Ἀριστοφάνης (324b), Ἄλεξις (324b), περὶ τρίγλης καὶ κίχλης (324c), ὅτι εἰκὸς τὴν τρίγλην διὰ τὸ τρεῖς τίκτειν οὕτως κεκλήσθαι (324d), and ὅτι κυφὰς αὐτὰς Ἐπίχαρμος καλεῖ (324e). The *marginalia in Athenaeum* are a rich collection of ancient annotations to the text of the *Deipnosophists*, that show and confirm the importance of this work as a “cover-text” of a huge mine of quotations and text reuses of Classical authors.⁷

The *Index Scriptorum* of the edition of the *Deipnosophists* by Georg Kaibel lists 809 entries, while the index of authors (*repertorio degli autori e dei luoghi citati*) of the edition of the *Deipnosophists* by Luciano Canfora lists 897 entries.⁸ In order to estimate a proportion of the number of authors cited by Athenaeus, the online *Canon* of the *Thesaurus Linguae Graecae* (2019) includes ca. 1,700 authors for the period of time between the 8th century BC and the 3rd century CE, and a total of ca. 3,300 authors up to the 20th century and including *varia* and *incerta*.⁹ Moreover, citations in Athenaeus are precise and structured because they contain references to author names (often with additional elements about geographical

2 Zecchini (1989); Braund/Wilkins (2000); Jacob (2001); Jacob (2004); Lenfant (2007a); Jacob (2013); Gorman/Gorman (2014) (chapters 3 and 4); Berti/Blackwell et al. (2016); Jacob (2018) 155–194 and 283–303.

3 For a detailed description of the manuscript tradition of the *Deipnosophists* (including copies of the *Marcianus* and other lost manuscripts) and of its early editions, see Arnott (2000).

4 This image is a portion of folio 124 of the *Marcianus Graecus* 447, whose digital pictures have been taken by the Biblioteca Nazionale Marciana and acquired by the *Digital Athenaeus* project for research purposes.

5 For a critical edition of the *marginalia* of the *Marcianus* manuscript, see Cipolla (2015).

6 Cipolla (2015) 91–92.

7 On the concept of “cover-text”, see section 2.3.

8 Kaibel (1887–1890), vol. III 565–676; Canfora (2001), vol. IV 1885–1981.

9 On the TLG *Canon*, see pp. 18 ff.

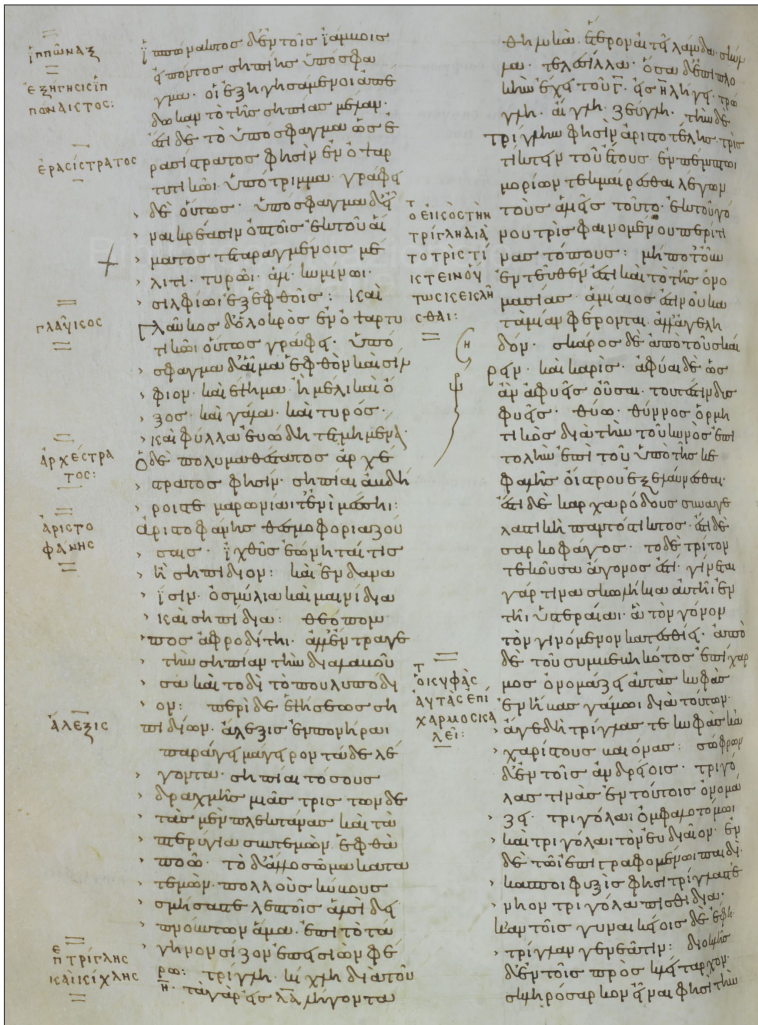


Figure 5.1. Marcianus Graecus 447, 124v

provenance, literary activity, and homonymy), work titles with variants, volume numbers, and distinction among different editions of the same work.¹⁰ All these characteristics make the *Deipnosophists* a reference resource for exploring the language used by ancient authors to cite other authors and works.



Figure 5.2. *Digital Athenaeus*: tools

5.2 The Digital Athenaeus Project

The *Digital Athenaeus* is a project that provides scholars with experimental tools for accessing the text of the *Deipnosophists* of Athenaeus of Naucratis and getting information about citations of authors and works that are preserved in it (fig. 5.2): <http://www.digitalatheneus.org>.¹¹ The reason for choosing this work is due to its importance as a rich collection of quotations and text reuses (*fragmenta*) of ancient Greek authors who belong to many different literary genres.¹² The *Deipnosophists* offers the opportunity to experiment with a new way of representing fragmentary texts inside their context of transmission, which is the main concern when collecting evidence about reused authors and works. Textual fragments are a form of hypertext and a digital environment permits to annotate and visualize

10 Cf. Jacob (2001).

11 The project is currently developed and expanded thanks to a new Deutsche Forschungsgemeinschaft (DFG) grant that I was awarded to work on *Text-based Extraction, Analysis, and Annotation of Ancient Greek References to Authors and Works* (project number 434173983).

12 Berti/Blackwell et al. (2016) 122–123.

them as reuses within their context. This possibility allows to go beyond the limits of printed editions, where extended chunks of texts conserving *fragmenta* of other texts are extracted, decontextualized, and reprinted in other editions.¹³

The *Digital Athenaeus* aims at providing an inventory of authors and works cited by Athenaeus and at implementing a data model for identifying, analyzing, and citing uniquely instances of text reuse in the *Deipnosophists*. This means extracting and annotating a wide variety of elements that pertain to text reuse, such as names of quoted authors, titles and descriptions of quoted works, and in general the language of the text reuse itself. The Greek text of the *Deipnosophists* in the *Digital Athenaeus* is based on the Teubner edition of Georg Kaibel (1887–1890) and the project is producing tools and services for reading the text and generating text reuse related data that are described in the following pages.¹⁴

5.3 Accessing the text of the Deipnosophists

As of today, the reference edition of the *Deipnosophists* is still represented by Kaibel (1887–1890). The three volumes of this edition are out of copyright and available in public collections like *Internet Archive*. The EpiDoc XML file of the Greek text of this edition is available as part of the `canonical-greekLit` GitHub repository of the *Perseus Digital Library*, where Athenaeus of Naucratis and the *Deipnosophists* are registered as `tlg0008` and `tlg0001`, and the edition of Kaibel as `perseus-grc3.xml`.¹⁵ XML files of the complete edition of Georg Kaibel are available as part of the *Open Greek and Latin* project and include not only the Greek text, but also introductions, indices, and the critical apparatus.¹⁶ The *Perseus*

13 Cf. pp. 83 ff.

14 Tools and services are available through the homepage of the project with detailed descriptions and instructions. The *Digital Athenaeus* is not producing a new critical edition of the text of the *Deipnosophists*, because this is not the scope of the project and because this task is currently undertaken by Douglas S. Olson: see p. 314 n. 32 and cf. Magnani (2018) 88–89.

15 See <https://github.com/PerseusDL/canonical-greekLit/blob/master/data/tlg0008/tlg001/tlg0008.tlg001.perseus-grc3.xml>. The string `perseus-grc3` is not a stable identifier. It is therefore recommended to check the *Perseus Catalog* and possible updates of the GitHub repository. On this problem in relation to the DFHG project, see p. 255. On TLG identifiers, see p. 19 n. 55. On the use of these identifiers in the *Perseus Catalog*, see Babeu (2019).

16 See <http://opengreekandlatin.github.io/athenaeus-dev/>. These XML files were produced by the data entry company *Digital Divide Data* (DDD), who corrected and encoded the OCR output generated by Bruce Robertson in accordance with the latest EpiDoc standards. They are part of `athenaeus-dev`, whose `-dev(elopment)` suffix indicates that the repository is open to improvement and that the files still need OCR post-correction. This data has been used by the *Digital Athenaeus* project for the creation of the digital versions of the *indices scriptorum* of the *Deipnosophists*: see section 5.5.

Digital Library provides also the Greek and the English translation of the *Deipnosophists* from the edition of Gulick (1951–1957) in two separate EpiDoc XML files (`perseus-grc4.xml` and `perseus-eng2.xml`). The same repository includes also the English translation of Yonge (1854) (`perseus-eng3.xml`).¹⁷ Finally, the complete text of the four volumes of the edition of Meineke (1858–1867) is available as a machine-corrected version in the *Open Greek and Latin* repository.¹⁸

5.3.1 Greek Text

The *Digital Athenaeus* project is currently based on the Greek text of the Teubner edition of Kaibel (1887–1890).¹⁹ The text is available through an Ajax web page that is automatically generated by a PHP script: <http://www.digitalathenaeus.org/tools/KaibelText/index.php>. The Ajax technique allows to load, visualize, and navigate the entire text of the *Deipnosophists* in one single HTML page in order to facilitate the usability of the resource (fig. 5.3).²⁰

The slide in/out navigation menu, which is accessible through the bar icon on the top left hand side of the header bar, represents the whole tree of the text by books and paragraphs. The “Expand All” and “Collapse All” functions allow to navigate through the text with a comprehensive view of the structure of the edition of the *Deipnosophists* by Kaibel. Every book and every paragraph of the text have a CTS URN expressed according to the *CITE Architecture*, as for example:²¹

- `urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:3` (*Deipn.* 3)
- `urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:3.7` (*Deipn.* 3.7)

The icons on the left of each paragraph are links to external resources: ☰ list icon (automatic alignment of the Greek text of the *Deipnosophists* with entries of the indices by August Meineke, Georg Kaibel, and S. Douglas Olson) and ♠ tag icon (POS tagging of the text through the *OpenNLP POSTagger for Ancient Greek*).²²

17 <https://github.com/PerseusDL/canonical-greekLit/tree/master/data/tlg0008/tlg001>

18 See <http://opengreekandlatin.github.io/athenaeus-dev/>. This data has been used by the *Digital Athenaeus* project for the creation of the digital versions of the *indices scriptorum* of the *Deipnosophists*: see section 5.5

19 The text has been extracted from the *Perseus* EpiDoc XML file of the edition of Kaibel. At the time of the creation of the *Digital Athenaeus* resource, the *Perseus* XML file was labelled as `perseus-grc2.xml`, which is the string still used in the CTS URNs of the *Digital Athenaeus* project (see below). In the GitHub repository of the *Perseus Digital Library*, the same XML file is currently labelled as `perseus-grc3.xml`: see n. 15.

20 On the Ajax technique and its use in the DFHG project, see section 4.3.1.2.

21 Thanks to the prefix <http://www.digitalathenaeus.org/tools/KaibelText/index.php#>, these URNs are linkable in order to jump to the relevant book and paragraph of the text of Athenaeus.

22 On these resources, see section 5.5 and p. 165.



Figure 5.3. *Digital Athenaeus*: Greek text of Georg Kaibel

5.3.2 Search

In the *Digital Athenaeus* project the text of the *Deipnosophists* is searchable in two different ways: 1) by holding down the SHIFT-key when highlighting words of the Greek text of the *Deipnosophists* with the mouse; 2) by searching words directly in the *Search* tool.²³ When available, results display also *Morpheus'* inflected forms and lemmata, *Suda's* entries, entries from the *Liddell-Scott Lexicon in the CITE Architecture* and entries from the *Named Entities Digger*.²⁴ Figure 5.4 shows a screenshot with the example of the search of the form *Περγάμου*, whose lemma *Πέργαμος* allows to interrogate external resources and obtain information about the word form, its occurrence in the *Suda*, and its function as a Named Entity in the text of the *Deipnosophists*.

23 <http://www.digitalathenaeus.org/tools/KaibelText/search.php>

24 For a description of the first three resources and their integration also in the DFHG project, see section 4.3.4. On the *Named Entities Digger* of the *Digital Athenaeus* project, see section 5.6.1.



Figure 5.4. Digital Athenaeus: search tool

5.4 Retrieving citations in the Deipnosophists

The first requirement for accessing the text of the Athenaeus and for retrieving his citations is to provide stable identifiers based on the *CITE Architecture*.²⁵ This is the reason why the *Digital Athenaeus* project has created two resources: 1) the *Casaubon-Kaibel Reference Converter* (section 5.4.1) that converts Casaubon references into Kaibel references and generates CTS URNs; 2) the *CTS URN Retriever* (section 5.4.2) that allows to retrieve and cite paragraphs, passages, and words of the *Deipnosophists*.

5.4.1 Casaubon-Kaibel Reference Converter

In spite of the debate about a possible division of the *Deipnosophists* into thirty books, modern editors have been using two different systems for enumerating and referring to the text of the fifteen books of Athenaeus.²⁶ After the reference

25 See sections 3.2 and 4.3.5.

26 Zecchini (1989) 10–24; Arnott (2000) 41–52; Lenfant (2007b).

to the book number (1–15), the two systems differ in the division into paragraphs:

1. The first system dates back to the 16th century edition of Isaac Casaubon.²⁷ This system includes an arabic numeral that refers to the page of the edition of Casaubon followed by a letter (A–F) corresponding to the subdivision of the page into sections of about ten lines of text (e.g., 683b).²⁸
2. The second system was used in the 19th century by Johannes Schweighäuser, Wilhelm Dindorf, August Meineke, and Georg Kaibel in their editions of the *Deipnosophists*.²⁹ In this system each book is logically divided into paragraphs corresponding to units of sense and the paragraphs are referred to with arabic numerals whose numeration starts again at the beginning of each book (e.g., 12.31).³⁰

The system of Casaubon allows to cite short passages of text, but is not precise because the letters A–F printed in the page margins are not perfectly aligned with the Greek text, and it's therefore not possible to identify with precision the beginning and the end of a section.³¹

The imprecision of the numeration of Casaubon is problematic also from a computational point of view and this is one of the reasons why the *Thesaurus Linguae Graecae* adopts only “Kaibel paragraphs” for its online edition of the *Deipnosophists* (Kaibel ed.: τlg0008.001). Kaibel paragraphs are truly canonical, independent of any particular manifestation of the text; they apply equally well across editions, and to translations. Casaubon citations are by definition tied to page-breaks in a particular edition and are therefore not logical, and do not serve well as canonical citations for scholarship in a digital environment (even though

27 Casaubon (1597). For a description of the work of Casaubon on Athenaeus, see Arnott (2000), 51–52.

28 Given that the pagination is continuous for the entire edition, this system doesn't require the reference to the book number. Well known examples of similar reference systems are the so called *Bekker pagination* for the works of Aristoteles and the *Stephanus pagination* for the works of Plato.

29 Schweighäuser (1801); Dindorf (1827); Meineke (1858–1867); Kaibel (1887–1890).

30 These editions preserve the numeration of Casaubon on the margin of each page in order to facilitate the correspondence with their texts, but they use only the numeration of Casaubon in the indices.

31 This is evident in every edition published after Casaubon, where Casaubon's references are still adopted but are often different. See, for example, Olson (2006–2012), vol. I, xvii: “Casaubon's pages are generally divided into six sections (a–f), which consist for the most part of ten, or sometimes 11 lines of text; the f-sections may be longer or shorter than the others, and are occasionally omitted, e.g. in the first page of a Book. Because Casaubon's indications of section-divisions are not neatly aligned with his Greek text, I have at times been forced to guess as to where they should be placed. In addition, his sections fail to take account not just of punctuation but even of word-division, and I have chosen to mark them after the words in which they fall, so as to keep my text as readable as possible.” On alterations of Casaubon's numbering in some books of the *Deipnosophists*, see Olson (2006–2012), vol. III, vi; vol. IV, vii; vol. V, vii.

they are traditional).³² Kaibel citations by book and paragraphs are well suited to a digital environment, and in particular to the *CITE Architecture*.³³ This is the reason why they represent the “citation object” of the *Digital Athenaeus* project, which is based on references expressed with CTS urns.

The goal of the *Digital Athenaeus* project is to annotate quotations and text reuses preserved in the *Deipnosophists* to accomplish two main results: 1) provide an inventory of authors and works cited by Athenaeus and 2) implement a data model for identifying, analyzing, and citing uniquely instances of text reuse. The project has therefore produced tools and applied methods for generating semi-automatic annotations and references of text reuses.

The first result was the creation of digital versions of *indices scriptorum* published in printed editions of Athenaeus to map their entries on to the text of the *Deipnosophists*.³⁴ These *indices* are based on the numeration of Casaubon. It was therefore necessary to convert the numeration of Casaubon into the numeration of Kaibel, in order to generate CTS URNs of the citations of these *indices*.

This is the motivation that brought to the creation of the *Casaubon-Kaibel Reference Converter*, which is a tool that was still missing in the community of Classicists.³⁵ This task was performed automatically thanks to the *Perseus* EpiDoc XML file of the edition of the *Deipnosophists* by Charles Gulick (tlg0008.tlg001.perseus-grc4), which contains the numeration of both Casaubon and Kaibel.³⁶ In this file Casaubon *sections* are marked up with the element `<milestone>`, while Kaibel *books* and *paragraphs* are marked up with the element `<div>`. Below is an example of the beginning of the *Deipnosophists* in the *Perseus* XML file (Casaubon 1a–f = Kaibel 1.1–2):³⁷

```

1 <text n="urn:cts:greekLit:tlg0008.tlg001.perseus-grc4" xml:lang="grc">
2   <body>
3     <pb xml:id="v.1.p.2"/>
4     <div type="edition" n="urn:cts:greekLit:tlg0008.tlg001.
      perseus-grc4" xml:lang="grc">
```

32 Berti/Blackwell et al. (2016) 124–125. From now onwards I refer to the numeration of the *Deipnosophists* by books and paragraphs as *Kaibel system*, because the edition of Kaibel is still the reference edition for the work of Athenaeus. S. Douglas Olson is editing a new edition of the *Deipnosophists* for the *Bibliotheca Teubneriana*: see Olson (2019) and Olson (2020).

33 See section 3.2.

34 This work is described in section 5.5.

35 See Lenfant (2007b) 384–385 on the difficulties of getting concordances between Casaubon and Kaibel references.

36 The printed edition of Gulick (1951–1957) contains only the numeration of Casaubon and the numeration of Kaibel was added in the *Perseus* XML file.

37 <https://github.com/PerseusDL/canonical-greekLit/blob/master/data/tlg0008/tlg001/tlg0008.tlg001.perseus-grc4.xml>

5 <div type="textpart" subtype="book" n="1">
6 <div type="textpart" subtype="chapter" n="1">
7 <p><milestone unit="casaubonpage" xml:id="casaubonpage-1a" n="1a"/>Αθήναιος μὲν ὁ τῆς βίβλου πατήρ:
ποιεῖται δὲ τὸν λόγον πρὸς Τιμοκράτην· Δειπνοσοφιστῆς δὲ ταύτη τὸ
ὄνομα. ὑπόκειται δὲ τῷ λόγῳ Λαρήνσιος Ῥωμαῖος, ἀνὴρ τῆ τύχη
περιφανής, τοὺς κατὰ πάσαν παιδεῖαν ἐμπειροτάτους ἐν τοῖς αὐτοῦ
δαιτυμόνας ποιούμενος· ἐν οἷς οὐκ ἔσθ' οὔτινος τῶν καλλίστων οὐκ
ἐμνημόνευσεν. ἰχθύς τε γὰρ τῆ βίβλῳ ἐνέθετο καὶ τὰς τούτων χρειαῖς
καὶ τὰς τῶν ὀνομάτων ἀναπτύξεις, καὶ λαχάνων γένη παντοῖα.<
milestone unit="casaubonpage" xml:id="casaubonpage-1b" n="1b"/>
καὶ ζῶων παντοδαπῶν, καὶ ἀνδρας ἱστορίας συγγεγραφότας καὶ
ποιητὰς καὶ φιλοσόφους, καὶ ὄργανα μουσικὰ καὶ σκωμμάτων εἶδη
μυρία· καὶ ἐκπρωμάτων διαφορὰς καὶ πλοούτων βασιλέων διηγῆσατο,
καὶ νηῶν μεγέθη, καὶ ὅσα ἄλλα οὐδ' ἂν εὐχερῶς ἀπομνημονεύσαιμι, ἢ
ἐπιλίποι ἂν με ἡ ἡμέρα κατ' εἶδος διεξερχόμενον. καὶ ἐστὶν ἡ τοῦ
λόγου οἰκονομία μίμημα τῆς τοῦ δειπνοῦ πολυτελείας, καὶ ἡ τῆς
βίβλου διασκευῆ τῆς ἐν τῷ δειπνῷ<pb xml:id="v.1.p.4"/>παρασκευῆς.
τοιούτων ὁ θαυμαστός οὗτος τοῦ λόγου οἰκονόμος Αθήναιος ἥδιστον
λογοῦδαιπνον εἰσηγεῖται κρείττων τε αὐτὸς ἑαυτοῦ γινόμενος, ὥσπερ
οἱ Αθήνησι ῥήτορες, ὑπὸ τῆς ἐν τῷ λέγειν<milestone unit="casaubonpage" xml:id="casaubonpage-1c" n="1c"/>θερμότητος πρὸς τὰ
ἐπόμενα τῆς βίβλου βαθμηδὸν ὑπεράλλεται.

8 </p>
9 </div>
10 <div type="textpart" subtype="chapter" n="2">
11 <p><p>οἱ δ' ἐν τῷ δειπνῷ δῆθεν ἐπιδημήσαντες
δειπνοσοφισταὶ ἦσαν Μανσοῦριος, νόμων ἐξηγητῆς καὶ πάσης παιδεῖας
οὐ παρέργως ἐπιμέλειαν ποιούμενος, μόνος ποιητῆς, ἀνὴρ καὶ κατὰ
τὴν ἄλλην παιδεῖαν οὐδενὸς δεύτερος καὶ τὴν ἐγκύκλιον οὐ παρέργως
ἐζηλωκῶς· ἕκαστον γὰρ ὧν ἐπεδείκνυτο ὡς μόνον τοῦτο ἡσκηκῶς
ἐφαίνετο, τοιαύτη πολυμαθεῖα ἐκ παίδων συνετράφη· ἰάμβων δὲ ἦν
ποιητῆς οὐδενὸς δεύτερος φησί, τῶν μετ' Ἀρχίλοχον ποιητῶν. παρήν
δὲ καὶ Πλούταρχος καὶ<milestone unit="casaubonpage" xml:id="casaubonpage-1d" n="1d"/>Λεωνίδης ὁ Ἡλείος καὶ Αἰμιλιανὸς ὁ
Μαυρούσιος καὶ Ζώϊλος, γραμματικῶν οἱ χαριέστατοι. φιλοσόφων δὲ
παρήσαν Ποντιανὸς καὶ Δημόκριτος οἱ Νικομηδεῖς, πολυμαθεῖα πάντας
ὑπερρηκοντικότες, Φιλάδελφός τε ὁ Πτολεμαεὺς, ἀνὴρ οὐ μόνον ἐν
φιλοσοφῷ θεωρίᾳ τεθραμμένος, ἀλλὰ καὶ κατὰ τὸν ἄλλον βίον
ἐξητασμένος. τῶν δὲ κυνικῶν εἰς ἦν ὃν Κύνουλον καλεῖ· ᾧ οὐ μόνον
δύο κύνες ἀργοὶ εἶποντο, ὡς τῷ Τηλεμάχῳ ἐκκλησιάζοντι, ἀλλὰ τῶν
Ἀκταίωνος πολὺ πλείονες. ῥητόρων τε ἦν ἄγυρις τῶν κυνικῶν κατ'
οὐδὲν ἀπολειπομένη· ἂν κατέτρεχε μετὰ καὶ τῶν ἄλλων ὅσοι τι
ἐφθέγγοντο Οὐλπιανὸς ὁ Τύριος, ὃς διὰ τὰς συνεχεῖς ζητήσεις,<pb
xml:id="v.1.p.6"/>ἄς ἀνὰ πάσαν ὥραν ποιεῖται ἐν ταῖς ἀγυαῖς,<
milestone unit="casaubonpage" xml:id="casaubonpage-1e" n="1e"/>
περιπάτοις, βιβλιοπωλείοις, βαλανείοις ἔσχεν ὄνομα τοῦ κυρίου
διασημότερον Κεϊτούκειτος. οὗτος ὁ ἀνὴρ νόμον εἶχεν ἴδιον μηδενὸς
ἀποτρώγειν πρὶν εἰπεῖν κεῖται ἢ οὐ κεῖται; οἷον εἰ κεῖται ὦρα ἐπι

```

12     </p>
13         </div>
14     </div>
15 </div>
16 </pb>
17 </body>
18 </text>

```

του τῆς ἡμέρας μορίου, εἰ ὁ μέθυσος ἐπὶ ἀνδρός, εἰ ἡ μήτρα κείται ἐπὶ τοῦ ἐδωδίου βρώματος, εἰ σύαγρος κείται τὸ σύνθετον ἐπὶ τοῦ σούς. ἱατρῶν δὲ παρήσαν Δάφνος Ἐφέσιος, ἱερὸς τὴν τέχνην καὶ κατὰ τὰ ἦθη, τῶν Ἀκαδημαϊκῶν λόγων οὐ παρέργως ἀπτόμενος, Γαληνός τε ὁ Περγαμηνός, ὃς τοσαῦτ' ἐκδέδωκε συγγράμματα φιλόσοφα τε καὶ ἱατρικὰ ὡς πάντας ὑπερβαλεῖν<milestone unit="casaubonpage" xml:id="casaubonpage-1f" n="1f"/>τοὺς πρὸ αὐτοῦ, καὶ κατὰ τὴν ἐρμηνείαν οὐδενὸς ἂν τῶν ἀρχαίων ἀδυνατώτερος, Ῥουφίνος τε ὁ Νικαεὺς. μουσικὸς δὲ παρῆν Ἀλκείδης ὁ Ἀλεξανδρεὺς. καὶ ἦν ὁ κατάλογος οὗτος στρατιωτικὸς, φησί, μᾶλλον ἢ συμποτικὸς.

The elements <milestone> and <div> have been extracted from the entire XML file for generating the concordance (fig. 5.5).

```

1 <div type="book" n="1">
2 <div type="chapter" n="1">
3 <milestone unit="casaubonpage" xml:id="casaubonpage-1a" n="1a"/>
4 <milestone unit="casaubonpage" xml:id="casaubonpage-1b" n="1b"/>
5 <milestone unit="casaubonpage" xml:id="casaubonpage-1c" n="1c"/>
6 <div type="chapter" n="2">
7 <milestone unit="casaubonpage" xml:id="casaubonpage-1c" n="1c"/>
8 <milestone unit="casaubonpage" xml:id="casaubonpage-1d" n="1d"/>
9 <milestone unit="casaubonpage" xml:id="casaubonpage-1e" n="1e"/>
10 <milestone unit="casaubonpage" xml:id="casaubonpage-1f" n="1f"/>
11 <div type="chapter" n="3">
12 <milestone unit="casaubonpage" xml:id="casaubonpage-1f" n="1f"/>
13 <milestone unit="casaubonpage" xml:id="casaubonpage-2a" n="2a"/>
14 <milestone unit="casaubonpage" xml:id="casaubonpage-2b" n="2b"/>
15 <div type="chapter" n="4">
16 <milestone unit="casaubonpage" xml:id="casaubonpage-2b" n="2b"/>
17 <milestone unit="casaubonpage" xml:id="casaubonpage-2c" n="2c"/>
18 <milestone unit="casaubonpage" xml:id="casaubonpage-2d" n="2d"/>
19 <milestone unit="casaubonpage" xml:id="casaubonpage-3a" n="3a"/>
20 <milestone unit="casaubonpage" xml:id="casaubonpage-3b" n="3b"/>
21 <milestone unit="casaubonpage" xml:id="casaubonpage-3c" n="3c"/>
22 <milestone unit="casaubonpage" xml:id="casaubonpage-3d" n="3d"/>
23 <div type="chapter" n="5">
24 <milestone unit="casaubonpage" xml:id="casaubonpage-3d" n="3d"/>
25 <milestone unit="casaubonpage" xml:id="casaubonpage-3e" n="3e"/>
26 <milestone unit="casaubonpage" xml:id="casaubonpage-3f" n="3f"/>
27 <milestone unit="casaubonpage" xml:id="casaubonpage-4a" n="4a"/>
28 <div type="chapter" n="6">
29 <milestone unit="casaubonpage" xml:id="casaubonpage-4a" n="4a"/>
30 <milestone unit="casaubonpage" xml:id="casaubonpage-4b" n="4b"/>
31 <milestone unit="casaubonpage" xml:id="casaubonpage-4c" n="4c"/>
32 <milestone unit="casaubonpage" xml:id="casaubonpage-4d" n="4d"/>
33 <div type="chapter" n="7">
34 <milestone unit="casaubonpage" xml:id="casaubonpage-4d" n="4d"/>
35 <milestone unit="casaubonpage" xml:id="casaubonpage-4e" n="4e"/>
36 <milestone unit="casaubonpage" xml:id="casaubonpage-4f" n="4f"/>
37 <milestone unit="casaubonpage" xml:id="casaubonpage-5a" n="5a"/>

```

Figure 5.5. TEI XML elements <div> and <milestone>: Ath., *Deipn.* 1a–5a

The resulting concordance has been manually checked on the basis of the edition of Kaibel and a database has been created to produce the online *Casaubon-Kaibel Reference Converter*.³⁸ In addition to the converter, a web-based Application Programming Interface (API) has been produced to integrate data into external services (see below).³⁹ The tool offers not only the concordance between the two reference systems, but also links to the corresponding pages of the PDF files of the printed editions of Casaubon (1597) and Kaibel (1887–1890), allowing users to automatically read the requested reference in the original edition.⁴⁰

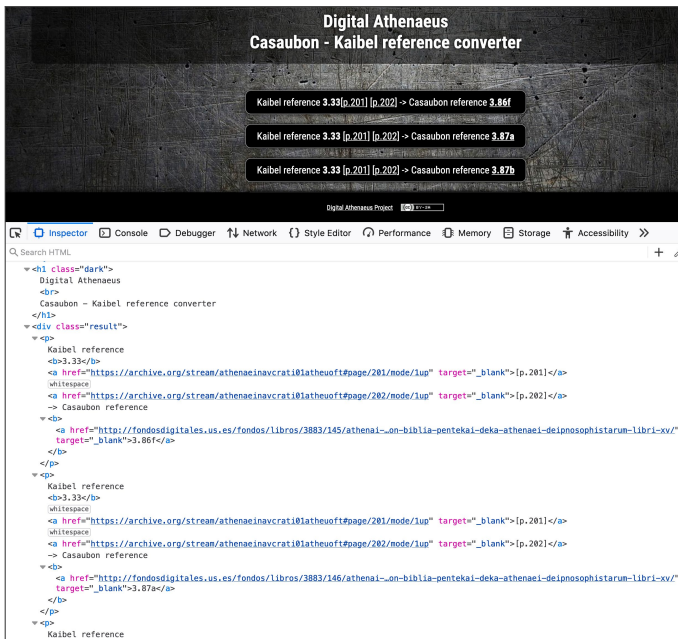


Figure 5.6. *Casaubon-Kaibel Reference Converter*: page links

When the converter was released in 2015, the PDF of the edition of Casaubon was available through the website of the Biblioteca de la Universidad de Sevilla, whose links embedded the actual page numbers of the edition of Casaubon allowing an automatic match with the converter.⁴¹ Figure 5.6 shows a screenshot of the code inspection window of the *Casaubon-Kaibel Reference Converter* page with the ex-

38 http://www.digitalatheneaus.org/tools/Casaubon-Kaibel_converter/

39 http://digitalatheneaus.org/tools/Casaubon-Kaibel_converter/api.php

40 Pages of the edition of Kaibel were manually inserted, because the EpiDoc XML file of *Perseus* contains the edition of Charles Gulick with its page numbers, that are different from those of Kaibel (see the element <pb> in the XML code showed above).

41 See <https://bib.us.es>. Each link pointed to a single page with a high quality image and metadata of the relevant page.

ample of the correspondence between Kaibel 3.33 (pages 201–202) and Casaubon 86f–87c.⁴² The window shows the links to the editions of Casaubon (1597) and Kaibel (1887–1890) available through the Biblioteca de la Universidad de Sevilla and *Internet Archive*:

- <http://fondosdigitales.us.es/fondos/libros/3883/145/athenai-ou-deipnosophiston-biblia-pentekai-deka-athenaei-deipnosophistarum-libri-xv/>
- <https://archive.org/stream/athenaeinavcrati01atheuoft#page/201/mode/1up>

As of 2020, the links to the website of Sevilla don't point anymore to the Spanish library, but to *Internet Archive*, where the edition of Casaubon is available as part of the Fondo Antiguo de la Universidad de Sevilla.⁴³ In this case, unfortunately, the page numbers of the links don't correspond to the edition of Casaubon and, in order to generate the new corresponding links that are now available in the converter, pages had to be manually searched or inferred from their sequence.⁴⁴

An alternative solution is to link the *Casaubon-Kaibel Reference Converter* to the edition of the *Deipnosophists* published by Casaubon in 1657, which is available through *Google Books* (Casaubon (1657) – Google ID: = ZvGckzC6SkEC&hl = <https://books.google.com/books?id=ZvGckzC6SkEC&hl>). In this case the actual page numbers of the edition are embedded in the URL of each page of the PDF. For example, <https://books.google.com/books?id=ZvGckzC6SkEC&hl=de&pg=PA179> includes the reference to Casaubon page 179.⁴⁵

As anticipated before, the *Casaubon-Kaibel Reference Converter* provides a web-based API with a JSON output for integrating data into external services. The API can be queried with Casaubon or Kaibel references:⁴⁶

```
api.php?ref_system=<casaubon/kaibel>&reference=<Casaubon/Kaibel Reference>
```

42 http://www.digitalathenaues.org/tools/Casaubon-Kaibel_converter/concordances.php?cas=&kai=3.33&html=yes

43 <https://archive.org/details/bibliotecauniversitariadesevilla>

44 See <https://archive.org/details/ARes28201>. High quality color images of the edition of Casaubon (1597) are available through the platform for digitized rare books from Swiss libraries (<https://doi.org/10.3931/e-rara-6872>), but also in this case links don't correspond to the page numbers of the printed edition. At 11.466d of the edition of Casaubon (1597), there is a lacuna in the text, because a few folios of codex A were lost and the text begins again after 466e. The lacuna was filled in by Johannes Schweighäuser with the insertion of the *Supplementum Libri Undecimi* that Casaubon obtained from the epitome contained in the codices C ed E and inserted at the end of book 15 (*Animadversiones in Athenaei Deipnosophistas*, VI, 1804 466). This explains why, after 466d, there is a section that runs from 781b to 784d. After this section, starts again the numeration with 466d. In the *Casaubon-Kaibel Reference Converter* this section is present, but links to the pages of the edition of Casaubon are missing, because these pages are missing in the copy of the University of Sevilla.

45 On *Google Books* parameters, see pp. 142 ff.

46 http://digitalathenaues.org/tools/Casaubon-Kaibel_converter/api.php

I present here two examples:

1) Ath., *Deipn.* 373a (Casaubon):

```
[
  {
    "casaubon": "9.373a",
    "casaubon link": "http://fondosdigitales.us.es/fondos/libros/3883/432/athenai-ou-deipnosophiston-biblia-pentekai-deka-athenaei-deipnosophistarum-libri-xv/",
    "kaibel": "9.15",
    "kaibel link": "https://archive.org/stream/athenaeinavcrati02atheuoft#page/314/mode/1up"
  },
  {
    "casaubon": "9.373a",
    "casaubon link": "http://fondosdigitales.us.es/fondos/libros/3883/432/athenai-ou-deipnosophiston-biblia-pentekai-deka-athenaei-deipnosophistarum-libri-xv/",
    "kaibel": "9.15",
    "kaibel link": "https://archive.org/stream/athenaeinavcrati02atheuoft#page/315/mode/1up"
  },
  {
    "casaubon": "9.373a",
    "casaubon link": "http://fondosdigitales.us.es/fondos/libros/3883/432/athenai-ou-deipnosophiston-biblia-pentekai-deka-athenaei-deipnosophistarum-libri-xv/",
    "kaibel": "9.15",
    "kaibel link": "https://archive.org/stream/athenaeinavcrati02atheuoft#page/316/mode/1up"
  }
]
```

2) Ath., *Deipn.* 1.10 (Kaibel):

```
[
  {
    "kaibel": "1.10",
    "kaibel link": "https://archive.org/stream/athenaeinavcrati01atheuoft#page/12/mode/1up",
    "casaubon": "1.6b",
    "casaubon link": "http://fondosdigitales.us.es/fondos/libros/3883/65/athenai-ou-deipnosophiston-biblia-pentekai-deka-athenaei-deipnosophistarum-libri-xv/"
  },
  {
    "kaibel": "1.10",
    "kaibel link": "https://archive.org/stream/"
  }
]
```

```
athenaevinavcrati01atheoft#page/13/mode/1up",
  "casaubon": "1.6b",
  "casaubon link": "http://fondosdigitales.us.es/fondos/libros
/3883/65/athenai-ou-deipnosophiston-biblia-pentekai-deka-athenai-
deipnosophistarum-libri-xv/"
},
{
  "kaibel": "1.10",
  "kaibel link": "https://archive.org/stream/
athenaevinavcrati01atheoft#page/12/mode/1up",
  "casaubon": "1.6c",
  "casaubon link": "http://fondosdigitales.us.es/fondos/libros
/3883/65/athenai-ou-deipnosophiston-biblia-pentekai-deka-athenai-
deipnosophistarum-libri-xv/"
},
{
  "kaibel": "1.10",
  "kaibel link": "https://archive.org/stream/
athenaevinavcrati01atheoft#page/13/mode/1up",
  "casaubon": "1.6c",
  "casaubon link": "http://fondosdigitales.us.es/fondos/libros
/3883/65/athenai-ou-deipnosophiston-biblia-pentekai-deka-athenai-
deipnosophistarum-libri-xv/"
},
{
  "kaibel": "1.10",
  "kaibel link": "https://archive.org/stream/
athenaevinavcrati01atheoft#page/12/mode/1up",
  "casaubon": "1.6d",
  "casaubon link": "http://fondosdigitales.us.es/fondos/libros
/3883/65/athenai-ou-deipnosophiston-biblia-pentekai-deka-athenai-
deipnosophistarum-libri-xv/"
},
{
  "kaibel": "1.10",
  "kaibel link": "https://archive.org/stream/
athenaevinavcrati01atheoft#page/13/mode/1up",
  "casaubon": "1.6d",
  "casaubon link": "http://fondosdigitales.us.es/fondos/libros
/3883/65/athenai-ou-deipnosophiston-biblia-pentekai-deka-athenai-
deipnosophistarum-libri-xv/"
}
]
```


5.4.2 CTS URN Retriever

The *CTS URN Retriever* is a tool for retrieving and citing paragraphs, passages, and words in the text of the *Deipnosophists* by typing the corresponding CTS URN.⁴⁷ The syntax of the URNs follows the specification of the *CITE Architecture*. For example:

- Ath. *Deipn.* 3.7: urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:3.7
- The second occurrence of the word βίβλου in Ath. *Deipn.* 1.1:
urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:1.1@βίβλου[2]
- The quotation of the words of Antiphanes (ἄει δὲ πρὸς Μούσαισι καὶ λόγοις πάρει, ὅπου τι σοφίας ἔργον ἐξετάζεται) in Ath. *Deipn.* 1.4: urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:1.4@ἄει[1]-ἐξετάζεται[1]

The tool allows also users to type only book and paragraph of the *Deipnosophists* and get the corresponding CTS URN, as for example 13.7 (= Ath. *Deipn.* 13.7).⁴⁸ Using CTS URNs, it is possible to export citations of the *Deipnosophists* down to the word level.⁴⁹

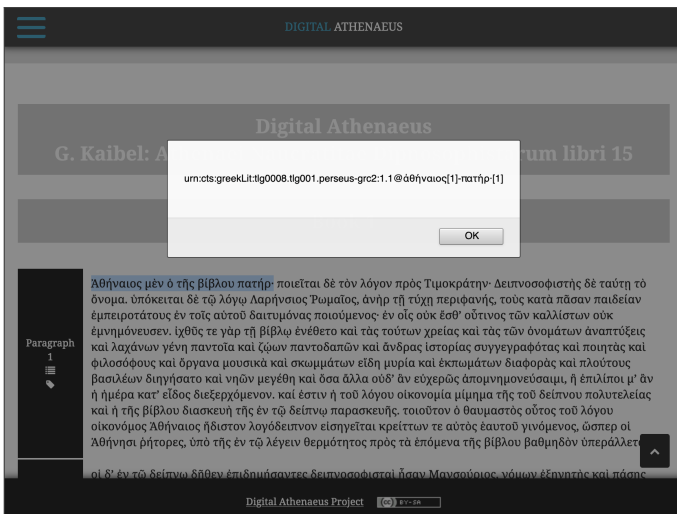


Figure 5.7. Digital Athenaeus: CTS URN Retriever

By selecting a portion of text holding down the ALT-key, users get a pop-up window with the CTS URN that identifies the selected chunk of text. For example,

47 http://www.digitalathenaeus.org/tools/KaibelText/cts_urn_retriever.php

48 http://www.digitalathenaeus.org/tools/KaibelText/cts_urn_retriever.php?URN=13.7

49 See section 4.3.5 for the use of this function also in the DFHG project.

by selecting Ἀθήναιος μὲν ὁ τῆς βίβλου πατήρ in Ath. *Deipn.* 1.1, it is possible to obtain the corresponding CTS URN (fig. 5.7).

5.5 Looking for Athenaeus' Quotations

One of the goals of the *Digital Athenaeus* is to experiment with semi-automatic annotations of data related to text reuse. This is the reason why the project has produced digital versions of indices of authors and works published in the printed editions of the *Deipnosophists* by August Meineke, Georg Kaibel, and S. Douglas Olson.⁵⁰ SQL databases of these indices have been created starting from OCR outputs of the printed editions and have been enriched with automatically converted Kaibel references and with links to external resources for reading the whole context of each reference.⁵¹ Dynamic graphs generate graphic visualizations of the indices and web APIs with a JSON output allows to integrate data into external services. These indices offer lists of author names and work titles cited by Athenaeus and they can be considered as already disambiguated lists of named entities (author names and work titles) to be mapped on to the text of the *Deipnosophists* to obtain a first set of annotations pertaining to text reuse.⁵² The following sections describe characteristics and functions of each of these indices.

5.5.1 Meineke – Index Scriptorum

This index is part of the third volume of the Teubner edition of the *Deipnosophists* published by August Meineke in 1859 (*Index Scriptorum*).⁵³ The index includes a list of authors and works cited by Athenaeus and the digital version of it has been created starting from the OCR output of the printed volume.⁵⁴ The OCR output has been parsed using bash scripts and manually corrected in order to create

50 Meineke (1858–1867); Kaibel (1887–1890); Olson (2006–2012).

51 For experiments with testing OCR of ancient Greek using different editions of the *Deipnosophists*, see Boschetti (2018) 11–29 with further bibliography.

52 This is not the case of the index by Olson (section 5.5.4), because it includes not only authors but also other personal names (*index of authors, texts, and persons*). The *Digital Athenaeus* offers also the *Dialogi Personae* by Georg Kaibel (section 5.5.3), because this is a list of the names of the sophists who participate in the dialogues described by Athenaeus and who actually quote other authors and works. On the history of indices and on the practice of index-making, see Wheatley (1878).

53 Meineke (1858–1867), vol. III 452–499. Meineke published also an *Index Rerum* (283–452).

54 See <http://www.digitalathenaeus.org/tools/MeinekeIndexScriptorum/>. The digitization of the edition of Meineke has been performed as part of the *Open Greek and Latin* project: see section 5.3.

an SQL database organized in fields containing data collected and arranged by Meineke for each author and work. The following lines show the XML output of the OCR of the first page of the printed edition (p. 452).⁵⁵

```

1 <div type="commentary" subtype="index">
2   <head>INDEX SCRIPTORUM</head>
3     <p>A</p>
4     <p>Acesias. Ὀψαρτυτικά XII 516 c.</p>
5     <p>Acestius. Ὀψαρτυτικά XII 516 c.</p>
6     <p>Achaeus Eretriensis I 30f. II 63 b. VI 270 e. X 414 e. XI
7     480 f. ὁ τραγικός XI 466 e. Ἄθλοι X 417 f. XV 689 b. Αἰθων
8     σατυρικός VI 270 c. IX 368 a. 376 a. X 427 c. XV 690 b. Ἀλκμαίων
9     ὁ σατυρικός IV 173 d. e. XI 480 f. Ἡφαίστος σατυρικός XIV 637 c.
10    Τρις σατυρική X 451 c. Κύκνος VI 270 e. Λίνος XV 668 a. Μοῖραι VII
11    277 b. Ὀμφάλη VI 267. d. XI 466 e.f. 498 d.</p>
12    <p>Aadaeus Mytilenaeus XIII 606 a. περὶ διαθέσεως XI 471 f.
13    περὶ ἀγαλματοποιῶν XIII 606 a.</p>
14    <p>Adrantus. περὶ τῶν παρὰ θεοφράστῳ ἐν τοῖς περὶ ἡθῶν καθ'
15    ἱστορίαν καὶ λέξιν ζητουμένων XV 673 e. περὶ τῶν ἐν τοῖς ἠθικοῖς
16    Νικομαχείους Ἀριστοτέλους XV 673 e.f.</p>
17    <p>Aegipius. Πλακουντοποικικὰ συγγράμματα XIV 644 e.</p>
18    <p>Aelius Asclerpiades. Στέφανοι XV 676 f. (679 b.)</p>
19    <p>Aeschines orator. ὁ Κοθωκίδης ῥήτωρ VI 223 d. κατὰ Τιμάρχου
20    λόγος VIII I 330 b. XIII 572 c.</p>
21    <p>Aeschines Socratius. eius dialogi XIII 611 d. Ἀλκιβιάδης
22    XIV 656 f. Ἀξιοχος V 220 c. Ἀσπασία V 220 b. Καλλίας V 220 b.
23    Τηλαύγης V 220 a.</p>
24    <p>Aeschrio Samius. Ἰαμβοὶ VII 296 c. VIII 335 c.</p>
25    <p>Aeschridides. Γεωργικά XIV 650 d.</p>
26    <p>Aeschylus Alexandrinus. Ἀμφιτρώων et Μεσσηνιακὰ ἔπη XIII 599
27    e.</p>
28    <p>Aeschylus Atheniensis tragicus I 11 d. 17 c. 21 f. II 37 f.
29    67 f. Il c. 87 p. 130. ed. nostrae. VIII 362 f. IX 375 d. e. XI
30    782 e. 491 a. XII 528 c. XIII 573 b. 601 b. Ἀγαμέμνων XV 700 e.
31    Ἀθάμας VII 316 b. Ἀρμυμένη XV 690 c. Γλαῦκος πόντιος III 87 a.
32    Δαωαῖδες XIV 600a. Ἐπὶ ἐπὶ θήβαις l 22 a. (ubi θήβας.) VII 294 a.
33    295 e. Ἡδωνοὶ XI 479 b. Ἠλιάδες 424 d. XI 469 f. Θεωροὶ XIV
34    Τίξιων IV 177 a. 182 c. Κάβειροι IX 373 d. X 428 f. Κρήσοι II 51 c
35    . Λυκοῦργος X 447 c. Μυρμιδόνες XIII 602 e. Νεανίσκοι XI 503 c. d.
36    Ὀστολόγοι XV 667 c. Περραιβίδες XI 476 c. 499 a. Πέρσαι III 86 b.
37    Προμηθεὺς δεσμώτης IV 165 c. VIII 347 c. Προμηθεὺς <pb n="453"/>
38    λυόμενος XV 674 d. Πρωτεύς τραγικός IX 394 a. Σφίγξ XV 674 d,
39    Φιλοκτίτης IX 394 a. Φινεύς X 421 f. Φορκίδες IX 102 b. Φρύγες I
40    21 f. II 51 c. epigramma quod sepulcro suo inscriptum voluit
41    Aeschylus XIV 627 c. d. Aeschylus tragoedias suas perhibetur
42    ebrius conscribere solitus I 22 a. X 428 f. tragoedias suas aiebat

```

55 The printed page is accessible at <https://archive.org/details/deipnosophistae03atheuoft/page/452/mode/1up>.

```

esse reliquias magnarum Homeri cocnarum VIII 347 e. victus
aliquando dixit posteritati se tragoedias suas consecrare ibid.
multis usus est vocabulis Italicis, upfote in Sicilia aliquamdiu
versatns IX 402 c.</p>

```

The code shows that each index entry is embedded in a TEI XML element <p>. Each entry has been extracted and semi-automatically structured in order to separate data. For example, the entry about Tryphon Alexandrinus (p. 498) has been structured in the following way:⁵⁶

| Name | Ethnicon | Characteriz. | Note | Work | SubWork | Reference | Note |
|---------|--------------|--------------|------|-----------------------------------|----------------|-----------|--|
| Tryphon | Alexandrinus | | | | | III.109b | |
| Tryphon | Alexandrinus | | | | | IV.182e | |
| Tryphon | Alexandrinus | | | | | VII.299a | |
| Tryphon | Alexandrinus | | | | | IX.397e | |
| Tryphon | Alexandrinus | | | | | 400a | |
| Tryphon | Alexandrinus | | | | | XIV.640e | |
| Tryphon | Alexandrinus | | | περί Ἀττικῆς προσωδίας | | II.53a | |
| Tryphon | Alexandrinus | | | περί ζῳῶν | | VII.324f | |
| Tryphon | Alexandrinus | | | περί ὀνομασιῶν | liber tertius | IV.174e | ubi citatur liber tertius, qui inscribitur περὶ αἰθῶν καὶ ὀργάνων |
| Tryphon | Alexandrinus | | | περί ὀνομασιῶν | liber secundus | XIV.618c | |
| Tryphon | Alexandrinus | | | περί ὀνομασιῶν | liber secundus | 634d | |
| Tryphon | Alexandrinus | | | Τρύφων ἐν τοῖς Ὀνομαστικαῖς | | XI.503d | |

This data has been further structured to extract Athenaeus’ book numbers and convert Casaubon citations into Kaibel citations using the *Casaubon-Kaibel Reference Converter* (section 5.4.1). Roman numerals have been converted into Arabic numerals and the entire *index* has been proofread to correct OCR errors.

The first interesting complexity is represented by the different lengths of Casaubon sections and Kaibel paragraphs. For example, Kaibel 9.15 corresponds to Casaubon 373a–e.⁵⁷ On the other side, Casaubon 502b corresponds to Kaibel

56 In this example the entry doesn’t have data for the fields Characterization and Note, that are filled in for other entries (see below).

57 http://www.digitalatheneus.org/tools/Casaubon-Kaibel_converter/concordances.php?cas=&kai=9.15&html=yes

11.105–107.⁵⁸ These differences between the two reference systems generate ambiguities in the conversion of index references. For example, the automatic conversion of the first Casaubon reference to Tryphon Alexandrinus in the *Index Scriptorum* of Meineke (p. 498) results in two Kaibel paragraphs: 109b = 3.73 and 3.74. Only the reading of the text of the *Deipnosophists* permits to disambiguate the reference and see if the citation of Tryphon Alexandrinus corresponds to Kaibel 3.73 or 3.74.

This is the reason why the *Digital Athenaeus* project has inserted an experimental voting system to enable users to vote for ambiguous references. Figure 5.8 shows the example of Tryphon Alexandrinus in the online *Index Digger* of the *Index Scriptorum* of Meineke, where the interface includes a Vote button to enable users to vote and disambiguate the reference.⁵⁹ This Vote functionality is experimental, because further work for disambiguating references is currently done through the automatic alignment of index entries with the Greek text of the *Deipnosophists* and through Named Entity Recognition.⁶⁰ Votes are collected in the database of the *Digital Athenaeus* and their percentage is visible in the *Index Digger*.⁶¹

Digital Athenaeus
A. Meineke: Athenaei Deipnosophistae - Index Scriptorum

Insert one or more entry...

Where Name="Tryphon"

| # | Name | Ethnon | Characterization | Note | Work | Sub Work | Athenaeus Book | Casaubon Reference | Kaibel reference | Vote | Note (Reference) | Read Greek Text (Perseus) | Read Greek Text (FrontEnd UI/LLP/ugit) | Annotate with Perseid |
|------|---------|--------------|------------------|------|---------------------------------|----------|----------------|--------------------|------------------|--|------------------|---------------------------|--|-----------------------|
| 6707 | Tryphon | Alexandrinus | | | | | 3 | 3.109b | 3.73 3.74 | Vote | | 3.73 3.74 | 3.73-3.74 | 3.73-3.74 |
| 6708 | Tryphon | Alexandrinus | | | | | 4 | 4.182c | 4.80 | | | 4.80 | 4.80 | 4.80 |
| 6709 | Tryphon | Alexandrinus | | | | | 7 | 7.299a | 7.53 7.54 | Vote | | 7.53 7.54 | 7.53-7.54 | 7.53-7.54 |
| 6710 | Tryphon | Alexandrinus | | | | | 9 | 9.397a | 9.57 | | | 9.57 | 9.57 | 9.57 |
| 6711 | Tryphon | Alexandrinus | | | | | 9 | 9.400a | 9.62 | | | 9.62 | 9.62 | 9.62 |
| 6712 | Tryphon | Alexandrinus | | | | | 14 | 14.64de | 14.46 14.47 | Vote | | 14.46 14.47 | 14.46-14.47 | 14.46-14.47 |
| 6713 | Tryphon | Alexandrinus | | | ἡγήθη Ἀθηναῖος ῥητορικός | 2 | 2.53a | 2.40 | | | | 2.40 | 2.40 | 2.40 |
| 6714 | Tryphon | Alexandrinus | | | ἡγήθη ἴσως | 7 | 7.304f | 7.123 | | | | 7.123 | 7.123 | 7.123 |
| 6715 | Tryphon | Alexandrinus | | | ἴβηρ tertius | 4 | 4.174a | 4.75 4.76 | Vote | ubi citatur liber tertius, qui inscribitur ἡγήθη ἰσὼς καὶ ἄγνων | 4.75 4.76 | 4.75-4.76 | 4.75-4.76 | |
| 6716 | Tryphon | Alexandrinus | | | ἴβηρ secundus | 14 | 14.618c | 14.9 14.10 | Vote | | 14.9 14.10 | 14.9-14.10 | 14.9-14.10 | |
| 6717 | Tryphon | Alexandrinus | | | ἴβηρ secundus | 14 | 14.634d | 14.33 | | | 14.33 | 14.33 | 14.33 | |
| 6718 | Tryphon | Alexandrinus | | | ἴβηρ de rell. ὄψωνιστικός | 11 | 11.303d | 11.109 11.110 | Vote | | 11.109 11.110 | 11.109-11.110 | 11.109-11.110 | |

Figure 5.8. Meineke, *Index Scriptorum*: Tryphon Alexandrinus

58 http://www.digitalatheneus.org/tools/Casaubon-Kaibel_converter/concordances.php?cas=502b&kai=&html=yes

59 The entry of Tryphon Alexandrinus is available at [http://www.digitalatheneus.org/tools/MeinekeIndexScriptorum/digger.php?what\[\]=Name|Tryphon&onoffswitch=on](http://www.digitalatheneus.org/tools/MeinekeIndexScriptorum/digger.php?what[]=Name|Tryphon&onoffswitch=on).

60 See sections 5.5.5, 5.5.6, and 5.6.

61 Experiments on voting ambiguous references were done by students during the CHS Summer Internship in Publications at the Center of Hellenic Studies in Summer 2016 (see p. 245) and by Samantha Strickland from Furman University during her Fulbright fellowship at the University of Leipzig in the Academic Year 2015/2016.

The second interesting complexity is represented by reference ranges. For example, the sixth reference to Mnesimachus in the *Index Scriptorum* of Meineke (p. 484) is Casaubon 402f–403d. This reference has been expanded and split into the corresponding Casaubon sections, which are convertible into the following Kaibel paragraphs: 402f = 9.67, 403a = 9.67, 403b = 9.67, 403c = 9.67, 403d = 9.67, 403d = 9.68. In order to preserve the range, the database of the *Index Scriptorum* includes a field called *Is_Range*, whose records *range start*, *range*, and *range end* keep track of reference ranges. Figure 5.9 shows the example of the range 402f–403d as represented in the database. The *Index Digger* of the *Index Scriptorum* represents the range by grouping references in a black rectangle, which is visible in the example of Mnesimachus at figure 5.10.⁶²

| | | | | | | | |
|-------------|---------|------------|---|--------|-----------|---|-------------|
| Mnesimachus | comicus | Ἰπποτρόφος | 7 | 7.329d | 7.138 | 0 | |
| Mnesimachus | comicus | Ἰπποτρόφος | 9 | 9.402f | 9.67 | 0 | range start |
| Mnesimachus | comicus | Ἰπποτρόφος | 9 | 9.403a | 9.67 | 0 | range |
| Mnesimachus | comicus | Ἰπποτρόφος | 9 | 9.403b | 9.67 | 0 | range |
| Mnesimachus | comicus | Ἰπποτρόφος | 9 | 9.403c | 9.67 | 0 | range |
| Mnesimachus | comicus | Ἰπποτρόφος | 9 | 9.403d | 9.67@9.68 | 0 | range end |
| Mnesimachus | comicus | Φίλιππος | 8 | 8.338b | 8.19@8.20 | 0 | |

Figure 5.9. Meineke, *Index Scriptorum*: Casaubon reference range

Digital Athenaeus

A. Meineke: Athenaei Deipnosophistae - Index Scriptorum

Where Name="Mnesimachus"

| # | Name | Ethicon | Characterization | Note | Work | Sub Work | Athenaeus Book | Casaubon Reference | Kaibel Reference | Vote | Note (Reference) | Read Greek Text (Person) | Read Greek Text (Fronted Unit Group) | Annotate with Periods |
|------|-------------|---------|------------------|------|------------|----------|----------------|--------------------|------------------|------|------------------|--------------------------|--------------------------------------|-----------------------|
| 4381 | Mnesimachus | comicus | | | Βιογραφία | | 10 | 10.477e | 10.11 | | | 10.11 | 10.11 | |
| 4382 | Mnesimachus | comicus | | | διδασκαλία | | 8 | 8.359c | 8.58 | | | 8.58 | 8.58 | 8.58 |
| 4383 | Mnesimachus | comicus | | | Ἰπποτρόφος | | 7 | 7.301d | 7.62 | Vote | | 7.61-7.62 | 7.61-7.62 | 7.61-7.62 |
| 4384 | Mnesimachus | comicus | | | Ἰπποτρόφος | | 7 | 7.322a | 7.120 | | | 7.120 | 7.120 | 7.120 |
| 4385 | Mnesimachus | comicus | | | Ἰπποτρόφος | | 7 | 7.329d | 7.138 | | | 7.138 | 7.138 | 7.138 |
| 4386 | Mnesimachus | comicus | | | Ἰπποτρόφος | | 9 | 9.402f | 9.67 | | | 9.67 | 9.67 | 9.67 |
| 4387 | Mnesimachus | comicus | | | Ἰπποτρόφος | | 9 | 9.403a | 9.67 | | | 9.67 | 9.67 | 9.67 |
| 4388 | Mnesimachus | comicus | | | Ἰπποτρόφος | | 9 | 9.403b | 9.67 | | | 9.67 | 9.67 | 9.67 |
| 4389 | Mnesimachus | comicus | | | Ἰπποτρόφος | | 9 | 9.403c | 9.67 | | | 9.67 | 9.67 | 9.67 |
| 4390 | Mnesimachus | comicus | | | Ἰπποτρόφος | | 9 | 9.403d | 9.67 | Vote | | 9.67 | 9.67-9.68 | 9.67-9.68 |
| 4391 | Mnesimachus | comicus | | | Φίλιππος | | 8 | 8.338b | 8.19 8.20 | Vote | | 8.19 8.20 | 8.19-8.20 | 8.19-8.20 |
| 4392 | Mnesimachus | comicus | | | Φίλιππος | | 9 | 9.387b | 9.27 | | | 9.27 | 9.27 | 9.27 |
| 4393 | Mnesimachus | comicus | | | Φίλιππος | | 10 | 10.418b | 10.11 10.12 | Vote | | 10.11 10.12 | 10.11-10.12 | 10.11-10.12 |
| 4394 | Mnesimachus | comicus | | | Φίλιππος | | 10 | 10.421b | 10.17 10.18 | Vote | | 10.17 10.18 | 10.17-10.18 | 10.17-10.18 |
| 4395 | Mnesimachus | comicus | | | Φίλιππος | | 10 | 10.421c | 10.18 | | | 10.18 | 10.18 | 10.18 |

Figure 5.10. Meineke, *Index Scriptorum*: Mnesimachus

62 The entry of Mnesimachus is available at [http://www.digitalatheneus.org/tools/MeinekeIndexScriptorium/digger.php?what\[\]=Name|Mnesimachus&onoffswitch=on](http://www.digitalatheneus.org/tools/MeinekeIndexScriptorium/digger.php?what[]=Name|Mnesimachus&onoffswitch=on). Preserving reference ranges is important, because this is a way for showing the extension of a citation according to the interpretation of a scholar (in this case August Meineke).

Greek and Latin expressions used by Meineke in his *index* have been preserved and entries have been structured to separate data in the following search fields that are accessible through the *Index Digger*:⁶³

- Name: author name (e.g., Anaxandrides) and other index entries (e.g., Anonymi poetae);
- Ethnicon: place of origin of an author (e.g., Cnidius);
- Characterization: literary genre or profession of an author (e.g., medicus);
- Note: Meineke's notes to name, ethnicon and/or characterization fields (e.g., vixit Sophoclis aetate);
- Work: work titles (e.g., Σικελικά);
- Sub Work: sub works or book numbers (e.g., γ);
- Athenaeus Book: book numbers of the *Deipnosophists* for each occurrence (e.g., Book 7);
- Casaubon Reference: references to passages in the *Deipnosophists* where authors and works are cited (e.g., 2.67e);
- Kaibel Reference: conversion of Casaubon references into Kaibel references (e.g., 2.76);
- Note (Reference): Meineke's notes to Casaubon references (e.g., conf. Σύγδειπνοι).

Additional output fields allow users to vote and disambiguate differences between Casaubon and Kaibel references, to read the text of the *Deipnosophists* corresponding to each citation reference, and also to annotate quotations:

- Vote: disambiguate and vote the right correspondence between Casaubon sections and Kaibel paragraphs (e.g., 573b = 13.31 and/or 13.32),⁶⁴
- Read Greek Text (Perseus): link to the Greek text of the *Deipnosophists* in the *Perseus Digital Library*;⁶⁵
- Read Greek Text (FrontEnd UniLeipzig): link to the Greek text of the *Deipnosophists* in the *CTS FrontEnd* of the University of Leipzig;⁶⁶
- Annotate with Perseids: annotate quotations and text reuses with the *Perseids Fragmentary Texts Editor*.⁶⁷

63 <http://www.digitalathenaeus.org/tools/MeinekeIndexScriptorum/digger.php>

64 On the reason of this functionality, see p. 325.

65 The text of the edition of Kaibel (1887–1890) is published in the *Perseus Digital Library*: <http://www.perseus.tufts.edu/hopper/text?doc=urn:cts:greekLit:tlg0008.tlg001.perseus-grc2>. *Perseus* visualizes only one paragraph per page and, in the case of ambiguous Kaibel paragraphs, users have two open two windows to read both paragraphs and vote the correct one.

66 See Reckziegel/Jänicke et al. (2016). In this case the tool allows to scroll through the entire text of Athenaeus and therefore read paragraphs in their sequence.

67 On the Perseids editor, see section 3.3. Each passage of the *Index Scriptorum* can be opened in the *Fragmentary Texts Editor*, but the annotation functionality is not anymore fully supported by *Perseids*.

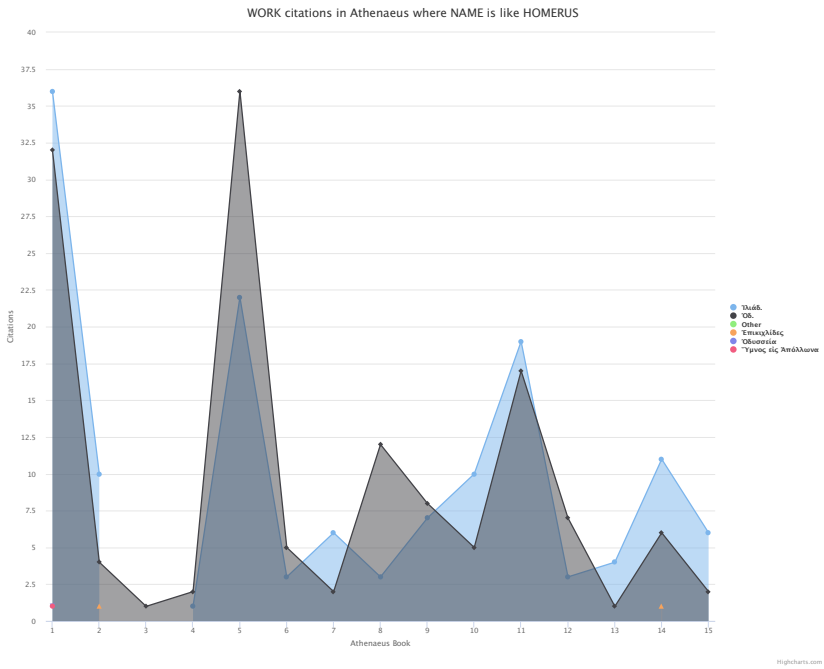


Figure 5.11. Dynamic Graph (Meineke): Homerus

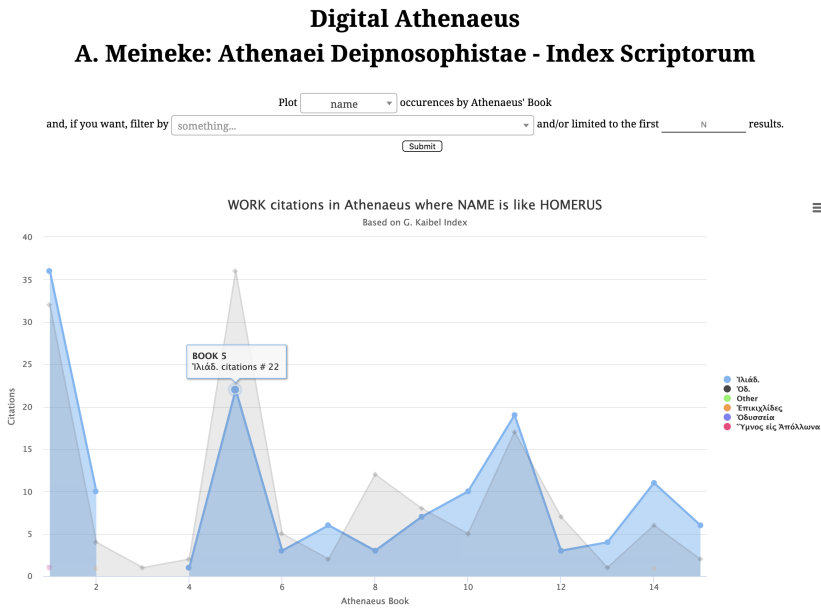


Figure 5.12. *Dynamic Graph* (Meineke): Homerus

The *Index Digger* can be used also to obtain combined search results, as for example: Name (Homerus) AND Work (Ὅδ.); Characterization (orator) AND Athenaeus Book (Book 13); Work (Ἰππεῖς) OR Work (Εἰρήνη).

The digital version of the *Index Scriptorum* offers also a *Dynamic Graph* to produce a graphic visualization of index data.⁶⁸ Results in the *Dynamic Graph* can be obtained by filtering data using the following filter fields:

- Name: author name (e.g., Anaxandrides) and other index entries (e.g., Anonymi poetae);
- Ethnicon: place of origin of an author (e.g., Cnidius);
- Characterization: literary genre or profession of an author (e.g., medicus);
- Work: work titles (e.g., Γαστρονομία);
- Sub Work: sub works or book numbers (e.g., δ’).

The following are examples of filtered search results with their corresponding links to the *Dynamic Graph*: Work + Name (Homerus) (fig. 5.11); Name + Characterization (comicus); Name + Characterization (comicus) (limited to the first 10 results). Results of the *Dynamic Graph* are visualized through *Highcharts*, can be printed, and can be downloaded as PNG image, JPEG image, PDF document and SVG vector image. It is also possible to hide/show graphs by selecting/des-

68 http://www.digitalathenaeus.org/tools/MeinekeIndexScriptorum/dynamic_graph.php

electing entries in the list at the right of the chart, and visualize the number of occurrences in each book of the *Deipnosophists* by hovering the mouse over the selected book (fig. 5.12).

The *Digital Athenaeus* provides also a *Web API* with a JSON output of *Index Digger* queries of the *Index Scriptorum* of Meineke:⁶⁹

```
api.php?what=<search string>&where=<search field>&exact=[yes:no]
```

Search fields of the Web API can be one of the following: name, ethnicon, characterization, note, work, sub_work, book, casaubon_reference, kaibel_reference, note_reference. For example, if we want to visualize how the characterization *historicus* is used by Meineke in his *index*, we get the following result:⁷⁰

```
[
  {
    "Name": "Demophilus",
    "Ethnicon": "",
    "Characterization": "historicus",
    "Note": "",
    "Work": "Ἐφορος ἢ Δημόφιλος ὁ υἱὸς αὐτοῦ ἐν τῇ τριακοστῇ τῶν
ιστοριῶν",
    "Sub_Work": "",
    "Book": "6",
    "Casaubon_Reference": "6.232d",
    "Kaibel_Reference": "6.21 and/or 6.22",
    "Note_Reference": "",
    "Is_Range": ""
  },
  {
    "Name": "Demophilus",
    "Ethnicon": "",
    "Characterization": "historicus",
    "Note": "",
    "Work": "Ἐφορος ἢ Δημόφιλος ὁ υἱὸς αὐτοῦ ἐν τῇ τριακοστῇ τῶν
ιστοριῶν",
    "Sub_Work": "",
    "Book": "6",
    "Casaubon_Reference": "6.232e",
    "Kaibel_Reference": "6.22",
    "Note_Reference": "",
    "Is_Range": ""
  },
  {
    "Name": "Mnesiptolemus",
```

69 <http://www.digitalatheneus.org/tools/MeinekeIndexScriptorum/api.php>

70 <http://digitalatheneus.org/tools/MeinekeIndexScriptorum/api.php?what=historicus&where=Characterization&exact=no>

```

    "Ethnicon": "",
    "Characterization": "historicus",
    "Note": "Seleuci hilaroedi pater, plurimum valens apud Antiochum
Magnum",
    "Work": "",
    "Sub_Work": "",
    "Book": "15",
    "Casaubon_Reference": "15.697d",
    "Kaibel_Reference": "15.53",
    "Note_Reference": "",
    "Is_Range": ""
  },
  {
    "Name": "Mnesiptolemus",
    "Ethnicon": "",
    "Characterization": "historicus",
    "Note": "Seleuci hilaroedi pater, plurimum valens apud Antiochum
Magnum",
    "Work": "Ἱστορίαι",
    "Sub_Work": "",
    "Book": "10",
    "Casaubon_Reference": "10.432b",
    "Kaibel_Reference": "10.39 and/or 10.40",
    "Note_Reference": "",
    "Is_Range": ""
  },
  {
    "Name": "Mnesiptolemus",
    "Ethnicon": "",
    "Characterization": "historicus",
    "Note": "Seleuci hilaroedi pater, plurimum valens apud Antiochum
Magnum",
    "Work": "Ἱστορίαι",
    "Sub_Work": "",
    "Book": "10",
    "Casaubon_Reference": "10.432c",
    "Kaibel_Reference": "10.40",
    "Note_Reference": "",
    "Is_Range": ""
  }
]

```

The *Index Scriptorum* of Meineke includes the following 749 unique expressions to refer to author names and their *ethnica* cited by Athenaeus in the *Deipnosophists*:⁷¹

Acesias, Acesius, Achaeus Eretriensis, Adaeus Mytilenaeus, Adrantus, Aegimius, Aelius Asclepiades, Aeschines, Aeschrio Samius, Aeschylides, Aeschylus Alexandrinus, Aeschylus Atheniensis, Aethlius Samius, Agallis Corcyraea, Agatharchides Cnidius, Agathocles, Agathocles Atracius, Agathocles Babylonius, Agathocles Cyzicenus, Agathon, Agelochus (nunc Amphilochnus), Agias, Agis, Aglaosthenes, Agnon, Alcaeus, Alcaeus ὁ Μυτιληναῖος, Alcetas, Alcidas Elaeensis, Alcius Siculo, Alciphron Maeandrius, Alcman, Alexamenus Teius, Alexander, Alexander Aetolus, Alexander Myndius, Ἀλέξου, Alexinus, Alexis, Alexis Samius, Alexon, Amaranthus Alexandrinus, Amerias Macedo, Amipsias, Ammonius, Amphicrates, Amphilochnus, Amphion Thespiensis, Amphis, Amyntas, Anacreon, Anagallis, Ananius, Anaxagoras, Anaxandrides, Anaxilas, Anaximander, Anaximenes Lampsacenis, Anaxippus, Andreas, Andreas Panormitanus, Andricus, Androcydes, Andron, Andron Alexandrinus, Androstenes, Androtion, Anicetus, Anonymi poetae, Anthae Lindii, Anthippus (?), Anticlides Atheniensis, Antidotus, Antigonus Carystius, Antimachus Colophonius, Antiochus Alexandrinus, Antipater Tarsensis, Antiphanes, Antiphon, Antisthenes, Apellas, Apion Alexandrinus, Apollodorus, Apollodorus (Adramyttenus), Apollodorus Atheniensis, Apollodorus Carystius, Apollodorus Gelous, Apollodorus Cyrenaicus, Apollonius, Apollonius Rhodius, Apollophanes, Araros, Aratus, Archagathus, Archedicus, Archelaus Chersonesita, Archemachus, Arcestratus, Arcestratus Gelous, Archilochnus, Archimeli, Archippus, Archytas, Archytae aut Euphorionis, Arctinus aut Eumelus Corinthius, Ariphron Sicyonius, Aristagoras, Aristarchus, Aristaeus, Aristias, Aristias Phliasius, Aristides, Aristippus, Aristo Ceus, Aristobulus Casandrensis, Aristocles, Aristocrates, Aristodemus, Aristogiton, Aristomenes, Aristomenes Atheniensis, Aristonicus, Aristonymus, Aristophanes, Aristophanes Byzantius, Aristophon, Aristoteles, Aristoxenus, Aristus Salaminus, Artemidorus, Artemidorus Ephesius, Artemo Casandrensis, Asclepiades, Asclepiades Aegyptius, Asclepiades Myrleanus, Asclepiades Tragilensis, Asius Samius, Asopodorus Phliasius, Aspasiae, Astydama, Athanis, Athenaeus, Athenion, Athenocles Cyzicenus, Athenodorus, Athenogenes (Diogenes?), Autocrates, Axionicus, Axiopistus, Baeton, Bacchylides, Basilis, Bato, Bato Sinopensis, Bion Borysthenites, Bion Proconnesius?, Bion Solensis, Biton, Blaesus, Boeotus, Boeus, Botrys Messenius, Caecilius Argivus, Caecilius Calactinus, Calliades, Callias Atheniensis, Callias Mytilenaeus, Callias Syracusius, Callicrates, Callimachus Cyrenaicus, Callinus, Callisthenes, Callistratus, Callixenus Rhodius, Cantharus, Cantharus Τηρεός, Capito Alexandrinus, Carcinus, Carystius Pergamenus, Castorion Solensis, Caulacus Chius, Cephalion, Cephalus, Cephisodorus, Cephisodorus Atheniensis, Cephisodorus Thebanus, Cercidas Megalopolitanus, Cercops Milesius, Chaereas, Chaeremon, Chaerephon Atheniensis, Chamaeleon Heracleota Ponticus, Chares Mytilenaeus, Charicles, Chariclides, Charon Lampsacenus, Chionides, Choerilus, Chrysippus Solensis, Chrysippus Tyaneus, Chrysogonus,

71 This data has been extracted from the database fields Author and Ethnicon of the digital version of the *Index Scriptorum* of Meineke and is arranged in alphabetical order.

Cinesias, Cleanthes, Clearchus, Cleobulina Lindia, Cleomachus, Cleomenes, Cleomenes Rheginus, Cleostratus Tenedius, Clidemus, Clitarchus, Clitomachus Carthaginiensis, Clytus Milesius, Corinna, Cotta, Crates, Crates Thebanus, Cratinus, Creophylus, Critias, Crito, Crobylus, Ctesias Cnidius, Ctesibius Alexandrinus, Ctesicles, Ctesiphon Atheniensis, Cypria, Cyrenaenus, Daïmachus, Damon, Damon Atheniensis, Damoxenus, Demades, Demarete, Demetrius, Demetrius Byzantius, Demetrius Ixion, Demetrius Magnesius, Demetrius Phalereus, Demetrius Scepsius, Demetrius Troezenius, Demochares, Democles, Democritus Abderita, Democritus Ephesius, Demodamas, Demon, Demonicus, Demophilus, Demosthenes, Dercylus, Dexicrates, Dicaearchus, Dicaearchus Messenius, Dicaeocles Cnidius, Didymus, Dieuches, Dieuchidas, Dinolochus, Dinon, Dio, Diocles Carystius, Diocles, Diocles Abderita, Diodorus, Diodorus Siculus, Diodorus Sinopensis, Diodotus Erythraeus, Diogenes Babylonius, Diogenes, Dionysius, Dionysius Heracleota, Dionysius Leuctricus, Dionysius Samius, Dionysius Sinopensis, Dionysius Thrax, Dionysius Uticensis, Dionysodotus Lacedaemonius, Dioscorides, Dioscoridis, Diotimus Olympenus, Diotimus, Dioxippus, Diphilus, Diphilus Laodicensis, Diphilus Siphnius, Diyllus, Dorieus, Dorion, Dorotheus, Dorotheus Ascalonita, Dorotheus Sidonius, Dosiades, Draco Corcyraeus, Dromon, Duris, Duris Samius, Echemenes, Ecphantides, Empedocles, Empedus, Epaeetus, Eparchides, Ephippus, Ephippus Olynthius, Ephorus, Epicharmus, Epicrates, Epicurus, Epigenes, Epigenes (libri Epimenes), Epilycus, Epimenes, Epimenides Cretensis, Epinicus, Erasistratus, Eratosthenes, Eretriensis sive Erythraeus, Ergias (Erxias?) Rhodius, Eriphanis, Eriphus, Erxias (vide Ergias), Eualces, Euangelus, Euanthes, Euboeus Parius, Eubulus, Eucrates, Eudemus Atheniensis, Eudoxus Cnidius, Euemerus Cous, Eunor, Euenus Parius, Eumachus Corcyraeus, Eumachus Neapolitanus, Eumelus Corinthius, Eumenes Cardianus, Eumolpus, Eunicus, Euphantus, Euphorion Chalcidensis, Euphranor, Euphron, Euphronius, Eupolis, Euripides, Eurypylus, Euthias, Euthycles, Euthydemus Atheniensis, Euthymenes Massiliensis, Euxitheus, Galena Smyrnenensis, Galenus Pergamenus, Glaucias, Glaucides, Glaucon, Glaucus Locrus, Gnathaena, Gnesippus, Gorgias Atheniensis, Gorgon, Hagnocles Rhodius, Hanno, Harmodius Lepreates, Harpocraton Mendesius, Hecataeus Milesius, Hecataeus, Hedyle, Hedyulus Samius aut Atheniensis, Hegemon Thasius, Hegesander Delphus, Hegesianax Alexandrinus, Hegesias, Hegesippus, Hegesippus Tarentinus, Hellenicus, Heliodorus Atheniensis, Heniochus, Hephaestion, Heracleon Ephesius, Heraclides, Heraclides Cumaeus, Heraclides Lembus, Heraclides Mopseates, Heraclides Ponticus, Heraclides Syracusanus, Heraclides Tarentinus, Heraclitus Ephesius, Heraclitus, Herinna, Hermeas, Hermeas Curiensis, Hermeas Samius, Hermeas Methymnaeus, Hermesianax Colophonius, Hermippus, Hermippus Cyzicenus, Hermippus Smyrnaeus, Hermocles, Hermogenes, Hermonax, Herodes Atticus, Herodianus Alexandrinus, Herodicus Babylonius, Herodicus Crateteus, Herodorus Heracleota Ponticus, Herodotus, Herodotus Lycius, Herondas, Heropythus, Hesiodus, Hicesius, Hieronymus, Hieronymus Cardianus, Hieronymus Rhodius, Hippagoras, Hipparchus, Hippasus, Hippasus Erythraeus, Hippasus, Hippocrates, Hippolochus Macedo, Hippon Rheginus, Hipponax, Hippys Rheginus, Homerus, Hybrias Cretensis, Hyperides, Hyperochus, Iason, Iatrocles, Ibycus Rheginus, Ichthyas Megaricus, Idomeneus Lampsacenus, Ion Chius, Isidorus Characenus, Isocrates, Ister, Iuba, Ixion,

Laches, Lamprocles, Lamyntius Milesius, Lasus Hermionensis, Leo, Leo Byzantius, Leonidas Byzantius, Leucon, Licymnius Chius, Lyceas Naucratis, Lycon Iasensis, Lycophon Chalcidensis, Lycophonides, Lycurgus, Lycus, Lynceus Samius, Lysanias Cyrenaeus, Lysias, Lysimachus, Lysimenes, Lysippus, Macareus, Machon patria Corinthius aut Sicyonius, Maeandrius, Magnes, Malacus, Marsyas, Matreas, Matris, Matron Pitaneus, Megacles, Megacledes, Megasthenes, Melanippides Melius, Melanthius, Meleager Gadarensis, Menaechmus Sicyonius, Menander, Menecles Barcaeus, Menesthenes, Menetor, Menippus, Menodorus, Menodotus Samius, Metagenes, Metrobius, Metrodorus, Metrodorus Chius, Metrodorus Scepsius, Mimnermus, Mithaeus, Mnasalces Sicyonius, Mnaseas Locrus aut Colophonius, Mnaseas Patrensis, Mnesimachus, Mnesiptolemus, Mnesitheus Atheniensis, Mochus Phoenicius, Moero Byzantia, Molpis Lacedaemonius, Moschina Atheniensis, Moschion, Moschus, Musaeus, Myron Prienensis, Myrsilus Lesbius, Nausicledes (?), Nausicrates, Neanthes Cyzicenus, Neocles Crotoniates, Neoptolemus Parianus, Nestor, Nicaenetus Samius, Nicander Chalcedonius, Nicander Colophonius, Nicander Thyatireus, Nicandri, Nicanor Cyrenaeus, Nicias Nicaeensis, Nicobula, Nicochares, Nicocles Lacedaemonius, Nicolaus Damascenus, Nicomachus, Nicomedes, Nicomedes Acanthus, Nicon, Nicophon, Nicostratus, Nothippus, Numenius Heracleota, Nymphis Heracleota, Nymphodorus Syracusius, Oenopides Chius, Olympias, Ophelion, Oppianus Cilix, Orpheus, Pamphilus Alexandrinus, Panaetius Rhodius, Pancratis Alexandrini, Pancrates, Panyasis, Parmenio, Parmeniscus, Parmeno, Parmeno Byzantius, Parmeno Rhodius, Parthenius, Paxamus, Periander Corinthius, Persaeus Citiensis, Phaedimus, Phaestus, Phalaecus, Phantias Eresius, Phanocritus, Phanodemus, Pherecrates, Pherecydes Leriis, Pherenicus Heracleota, Philaenis Leucudia, Philemon, Philemon Atheniensis, Philetaerus, Philetas Cous, Philinus, Philippides, Philippi, Philippus, Philippus Theangelensis, Philiscus, Philistion Locrus, Phillis Delius, Philo, Philochorus, Philocles, Philocrates, Philomnestus, Philonides, Philostephanus Cyrenaeus, Philotimus, Philoxenus Alexandrinus, Philoxenus Cytherius, Philyllius, Phocylides, Phoenicides, Phoenix Colophonius, Phormus, Phrynichus, Phrynis, Phylarchus, Phylarchi (?), Pindarus, Pisander, Plato, Plistoniscus, Plutarchus, Polemarchus, Polemo, Poliochus, Pollux Parianus, Polybius Megalopolitanus, Polycharmus Naucratis, Polycletus Larissaeus, Polycrates, Polycrates Atheniensis, Polyzelus, Polyzelus Rhodius, Posidippus, Posidonius, Posidonius Corinthius, Possis Magnesius, Pratinas, Praxilla Sicyonia, Promathidas Heracleota, Protagorides Cyzicenus, Proxenus, Ptolemaeus, Ptolemaeus Alexandrinus, Pylades, Pyres Milesius, Pyrgion, Pyrrhander, Pyrrho Eleus, Pythaenetus, Pythagoras, Pytheas, Pythermus Ephesius, Pythermus Teius, Pytho Catanaeus aut Byzantinus, Quintilii fratres, Rhianus, Rhinthon, Rutilius Romanus, Sacadas Argivus, Salpa Lesbia, Sanchoniathon, Sannyrion, Sappho, Satyrus, Scamon, Scelerias Tarentinus, Scylax, Scythinus Teius, Seleucus, Seleucus Tarsensis, Semus Delius, Silenus, Silenus Calactinus, Simaristus, Simias Rhodius, Simonactides, Simonides Amorgius, Simonides Ceus, Simus Magnes, Socrates, Socrates Cous, Socrates Rhodius, Socratem, Solon, Sopater Paphius, Sophilus, Sophocles, Sophron, Sosibius Laco, Sosicrates, Sosicrates Phanagorita, Sosicrates Rhodius, Sosipater (Sopater?), Sosiphanes, Sosippus, Sositheus, Sostratus, Sotades, Sotades Maronita, Sotion Alexandrinus, Speusippus, Sphaerus, Sphodrias, Staphylus Naucratis,

Stasinus, Sthenelus, Stesichorus Himeraeus, Stesimbrotus Thasius, Stilpo, Strabo, Strato, Stratitis, Suniaethon, Sylla, Taenarus, Teleclides, Telephanes, Telesilla Argiva, Telestes Selinuntius, Terpsicles, Terpsion, Teucer, Thales Milesius, Thaletas, Themison, Themistagoras Ephesius, Theocles, Theocritus Chius, Theocritus Syracusius, Theodectes Phaselita, Theodoridas Syracusius, Theodorus, Theodorus Colophonius, Theodorus Hieropolitanus, Theognetus, Theognis Megarensis, Theognis, Theolytus Methymnaeus, Theophilus, Theophrastus, Theopompos, Theopompos Chius, Theopompos Colophonius, Theotimus, Thrasymachus Chalcedonius, Thucydides, Timachidas Rhodius, Timaeus Tauromenita, Timarchus, Timocles, Timocrates Lacedaemonius, Timocreon Rhodius, Timomachus, Timon Phliasius, Timotheus, Timotheus Milesius, Tryphon Alexandrinus, Tyndarichus Sicyonius, Varro, Xanthus, Xanthus Lydus, Xenarchus, Xenocrates Chalcedonius, Xenodemus, Xenophanes Colophonius, Xenophon, Zenis sive Zeneus Chius, Zeno Citiens, Zenodotus, Zenophanes, Zopyrinus.

The following 1,832 Greek and Latin unique expressions have been extracted from the *Index Scriptorum* of Meineke as referring to work titles:⁷²

Ὀψαρτυτικά - Ἄθλοι - Αἰθων σατυρικός - Ἀλκμαίων ὁ σατυρικός - Ἡφαιστος σατυρικός - Ἴρις σατυρική - Κύκνος - Λίνος - Μοῖραι - Ὀμφάλη - περὶ διαθέσεως - περὶ ἀγαματοποιῶν - περὶ τῶν παρὰ Θεοφράστῳ ἐν τοῖς περὶ ἡθῶν καθ' ἱστορίαν καὶ λέξιν ζητουμένων - περὶ τῶν ἐν τοῖς Ἑθνοῖς Νικομαχεῖος Ἀριστοτέλους - Πλακουντοποικὰ συγγράμματα - Στέφανοι - κατὰ Τιμάρχου λόγος - eius dialogi - Ἀλκιβιάδης - Ἀξίοχος - Ἀσπασία - Καλλίας - Τηλαύγης - Ἴαμβοι - Γεωργικά - Ἀμφιτρύων - Μεσσηνιακὰ ἔπη - Ἀγαμέμνων - Ἀθάμας - Ἀμυμώνη - Γλαῦκος πόντιος - Δαναΐδες - Ἑπτὰ ἐπὶ Θήβαις - Ἡδωνοί - Ἡλιάδες - Θεωροί - Ξίων - Κάβειροι - Κρήσσαι - Λυκοῦργοι - Μυρμιδόνες - Νεανίσκοι - Ὀστολόγοι - Περραιβίδες - Πέρσαι - Προμηθεὺς δεσμώτης - Προμηθεὺς λυόμενος - Πρωτεύς τραγικός - Σφίγξ - Φιλοκτήτης - Φινεύς - Φορκίδες - Φρύγες - epigramma quod sepulcro suo inscriptum voluit Aeschylus - Σαμίων ὄροι - Ἀσιατικά - Εὐρωπιακά - Ἱστορίαι - Ἀλιευτικά - περὶ Κυζίκου - eius isocola et antitheta - Θυέστης - Τήλεφος - Ἀργολικά - eius aliquod carmen Οἶνος, ὦ φίλε παῖ, καὶ ἀλήθεια - Ἀδελφαὶ μοιχευόμεναι - Γανυμήδης - Ἰερὸς γάμος - Καλλιστώ - Παλαιστρα - ἐν Παλαιστραῖς - περὶ τῶν ἐν Δελφοῖς ἀναθημάτων - Ἐγκώμιον Ναΐδος τῆς ἑταίρας - ἐν τῇ ἐπιγραφομένῃ τῶν βιβλίων Ἰταλικῇ - Σικελικά - Ἀλιεύς - Ἐλεγείον - Ἴωνικά ποιήματα - Κρίκα - Πότος - Τιγόνιον - Ἀγὴν - Ἐπιστολαί - Κτηνῶν ἱστορία - περὶ ζώων - περὶ τῆς τῶν πτηνῶν ἱστορίας - περὶ πτηνῶν ζώων - inde ducta videntur testimonia de attagene - de oto - de score - de cygnis - de columbis - Παιῶν εἰς Κρατερὸν τὸν Μακεδόνα - περὶ αὐταρχείας - Ἀγωνίς ἢ Ἰππίσχος - Ἀδελφοί - Αἴσωπος - Ἀλείπτρια - Ἄντεια - Ἀπεγλαυκωμένος - Ἀποκοπτόμενος - Ἀποκοπτομένη - Ἀρχίλοχος - Ἀσκληπιουκλείδης - Ἀσωποδιδάσκαλος - Ἀτθίς - Βρευτία (?) - Γαλάτεια - Γραφή - Γυναικοκρατία - Δακτύλιος -

72 This list is arranged according to the order in which these expressions appear in the *Index Scriptorum* of Meineke, and data has been extracted from the database field *work* of the digital version of the index. As far as possible, these entries respect the language used by Meineke, but there are cases where information about internal divisions of works has been extracted and stored in the field *Sub work* (e.g., the expression ἐν δευτέρῳ περὶ τῶν ἐν Δελφοῖς ἀναθημάτων under the entry of Alcetas at 453 of the index). On this aspect see below n. 74.

Δημήτριος - Δημήτριος ἢ Φιλέταιρος - Δίδυμοι - Δις πενθῶν - Δορκίς Ποππύζουσα - Δραπέται
 - Δρωπίδης - Εἰσοικιζόμενος - Ἐκπωματοποιός - Ἐλένη - Ἐλληνίς - Ἐπίδουρος - Ἐπίκληρος -
 Ἐπίτροπος - Ἐρετρικός - Ἐριθοι - Ζεὺς πενθῶν - Ἡ εἰς τὸ φρέαρ - Ἡπακος - Ἡσιόνη - Θε-
 οφόρητος - Θηβαῖοι - Θράσων - Ἴππεύς - Ἴππίσκος - Ἴππος - Ἰσοστάσιον - Καταψευδόμενος
 - Κηρυττόμενος - Κλεοβουλίνη - Κνιδία - Κονιάτης - Κουρίς - Κρατεύας ἢ Φαρμακοπόλης -
 ἐν Φαρμακοπόλῃ ἢ Κρατεύα - ἐν Κρατεύα - Κυβερνήτης - Κυβευταί - Κύπριος - Λαμπάς -
 Λέβης - Λεβήτιον - Λευκαδία - Λευκαδία ἢ Δραπέται - Λεύκη - Λοκροί - Λυκίσκος - Μανδρα-
 γοριζομένη - Μάντεις - Μίδων - Μίλκων - Μιλησία - Μιλήσιοι - Μίνως - Μνηστήρες - Νύμφαι
 - Ὀδυσσεὺς ὑφάνων - Ὀλύμπιος - Ὀμοία - Ὀπώρα - Ὀρέστης - Ὀρχηστρίς - Παγκρατιαστής
 - Παμφίλη - Παννουχίς ἢ Ἐριθοι - Παράσιτος - Ποιηταί - Ποιητής - Πολύκλεια - Πονήρα -
 Ποντικός - Ποππύζουσα - Πρωτόχορος - Πυθαγορίζουσα - Πυλαίαι - Πύραυνος - Ρόδιος ἢ
 Ποππύζουσα - Σκείων - Στρατιώτης - Συναποθνήσκοντες - Συντρέχοντες - Σύντροφοι - Σώ-
 ρακοι - Ταραντῖοι - Τιτθή - Τοκιστής ἢ Καταψευδόμενος - Τροφώνιος - Τυνδάρεως - Ὑπνος
 - Ἄλεξις ἢ Ἄντιφάνης ἐν Ὑπνω - Ὑποβολιμαῖος - Φαῖδρος - Φαίδων ἢ Φαίδρια - Φαρμακο-
 πόλης - Φιλέταιρος - Φιλίσκος - Φιλόκαλος ἢ Νύμφαι - Φιλοῦσα - Φρύξ - Φρυγίου διασκευή
 - Φυγὰς - Χορηγίς - Ψευδόμενος (Καταψευδόμενος?) - Ψευδυποβολιμαῖος - Σαμίων ὄρων
 - περὶ αὐλῶν - περὶ σκηνῆς - Γλώσσαί - Ριζοτομικός - Ἀποκοτταβίζοντες - Κατεσθίων (?) -
 Κόννος - Σφενδόνη - περὶ βωμῶν καὶ θυσίων - περὶ τῶν Ἀθήνησιν ἑταιρίδων - περὶ ἐνδόξων
 ἀνδρῶν - περὶ τοῦ ἐν Ἐλικῶνι μουσείου - Βαλανεῖον - Γυναικομανία - Διθύραμβος - Ἰάκειμος
 - Κουρίς - Λευκάς - Ὀδυσσεὺς - Οὐρανός - Πάν - Πλάνος - Φιλάδελφοι - Σταθμοί - Σταθμῶν
 - ἐν Σταθμοῖς Περσικοῖς - τῶν τῆς Ἀσίας Σταθμῶν - Ἀνάσιος ἢ Ἴππῶναξ ἐν τοῖς ἰάμβοις -
 Φυσικοὶ - Ἀγροῖκοι - Ἀγχίσις - Αἰσχρά - Ἄντερων - Γεροντομανία - Διθύραμβος - Ἡρακλῆς -
 Θεσαυρός - Κερκίον - Κυνηγέται - Μελίλωτος - Νηρεὺς - Νηρηίδες - Ὀδυσσεὺς - Ὀπλομάχος -
 Πάνδαρος - Πόλεις - Πρωτεσίλαος - Σαμία - Σανυρίας - Τηρεὺς - Φαρμακομάντις - Φαληφό-
 ρος - Αὐλητής - Εὐανδρία - Καλυψώ - Κίρκη - Λυροποιός - Μάγειροι - Μονότροπος - Νεοττίς
 - Ὀρνιθοκόμοι - Πλούσιοι - Ὑάκινθος - ἐν Ὑακίνθωπορνοβοσκοῦ - Χάριτες - Χρυσοχοός - Ἡρω-
 ολογία - Βασιλέων μεταλλαγαί - Πρῶται ἱστορίαι - Κεραυνός - Κεραυνούμενος - Κιθαρωδός
 - Φρέαρ - περὶ δακέτων - περὶ τῶν ψευδῶς πεπιστευμένων - Σικελικὰ κατὰ πόλιν - Ναξι-
 ακά - Χρονικά - τῆς Ἰνδικῆς παράπλους - Γεωργικός - *Androtion aut Philippus aut Hegemon*
ἐν τῷ Γεωργικῷ - cantilena popularis - duo hexametri (Phocylidis?) - hexameter - duo hexametri
- epigramma - hymnus in Dianam - hymnus atticus - ἐν Σφαττομένῳ - ἐν Φοινίσσαις - ἢ διὰ
τῶν συνθέτων ὀνομάτων ποιήσις - Ἐγκαλυπτόμενος - Νόστων - Ἐξηγητικός - Μεμψίμοιρος -
Ἀντίπατρος - Βίος - περὶ τοῦ Διονυσίου βίον τοῦ Ἡρακλεώτου, τοῦ ἐπικληθέντος Μεταθε-
μένου - Ζήνωνος βίος - Μενεδήμου βίος - περὶ λέξεως - Δέλτοι - Θηβαῖς - Θηβαῖδος - Λυδή
- περὶ τῶν ἐν τῇ μέσῃ κωμῳδίᾳ κωμῳδομένων ποιητῶν - περὶ δεισιδαιμονίας - περὶ ὀργῆς
- Ἀγροῖκος ἢ Βονταλίων - ἐν Βουταλίῳ, ὅπερ δράμα τῶν Ἀγροῖκων ἐστὶν ἰνὸς διασκευῆ
- ἐν Ἀγροῖκῳ - ἐν Ἀγροῖκοῖς - Αἰόλος - Ἀκέστρια - Ἀκοντιζομένη - Ἀλενομένη - Ἄλκηστις -
Ἄντατος (?) - Ἀργυρίου ἀφανισμός - Ἀρακία - Ἀράκας - Ἀρπαζομένη - Ἀρχιστράτη - Ἄρχων
- Ἀσκληπιός - Αὐλητής - Αὐλητρίς ἢ Δίδνμαι - Αὐτοῦ ἐρών - Ἀφροδίσιον - Ἀφροδίτης γοναί -
Βάχχαι - Βοιωτία - Βομβύλιος - Βουταλίων - Γάμοι - Γάμος - Γανυμήδης - Γάστρων - Γόργυ-

θος - Δευκαλίων - Δίδυμαι - Διορύττων - Διπλάσιοι - Δραχεταγωγός - Δύσερος - Δύσπρατος - Δωδώνη - Εαυτοῦ ἔρων - Εὐθύδικος - Ζάκυνθος (Ζακύνθος?) - Θαμύρας - Θομβύκιος (?) - Θορίκιοι - Θορίκιοι ἢ Διορύττων - Ίατρος - Ίππεις - Καινεύς - Κᾶρες - Κάρνη (?) - Κηπουρός - Κιθαριστής - Κνοιθιδεύς - Κνοιθιδεύς ἢ Γάστρων - Κορινθία - Κογρίς - Κρητες - Κύκλωψ - Κώρυκος - Λάμπων - Λεπτινίσκος - (Λευκάς) - Λεωνίδης - Λήμνιοι - Λυδός - Λύκων - Μειλανίων - Μέτοκος - Μητραγύρτης - Μισοπόνηρος - Μνήματα - Μοιχοί - Μύστις - Οἰνόμαος ἢ Πέλοψ - Ὅμοιοι - Ὅμοιοι - Ὅμοπάτριος - Ὁμώνομοι - Παιδεραστής - Παράσιτος - Παρεκδιδομένη - Παροιμία - Πέλοψ - Ποίσις - Προβατεύς - Προβλήματα - Προγονοι - Σαφφώ - Σκληρία - Σκύθης - Στρατιώτης ἢ Τύχων - Τίμων - Τραυματίας - Τριταγωνιστής - Τυρρηγός - Τύχων - Ὑδρία - Φιλοθήβαιοι - Φιλομήτωρ - Φιλοπάτωρ - Φιλῶτις - Φρεάρριος - Χρυσίς - περὶ ἑταιρῶν - κατ' Ἀκινιάδου λοιδορίας - Πολιτικός λόγος - περὶ ταῶν - περὶ γεωργικῶν - Ἀρχέλαος - τῶν Κύρων ἄτερος - Πολιτικός - Προτρεπτικός - Σάθων - Φυσιολογικός - περὶ τῆς Ἀπικίου τρυφῆς - περὶ τῆς Ῥωμαϊκῆς διαλέκτου - Παρθικῶν - πρὸς τὴν Ἀριστοκλέους ἐπιστολὴν ἀντιγραφῆ - *idem liber respicitur* - περὶ ἑτυμολογιῶν - Ἐτυμολογιῶν - τῶν Ἐτυμολογουμένων - περὶ θεῶν - περὶ τοῦ κρατήρος - περὶ νεῶν καταλόγου - περὶ Σώφρονος - Γραμματιδιοποιός - Τέρεια - Προικιζομένη ἱματιόπωλις - Σφαττομένη - Ἀποκαρτερῶν - Ἀπολυπούσα - Φιλάδελφοι ἢ Ἀποκαρτερῶν - περὶ μύρων καὶ στεφάνων - περὶ θηρίων - περὶ ἑορτῶν - ἐν Τριηρικῶν - περὶ μύρων - Ἀργοναυτικά - περὶ Ἀρχιλόχου - περὶ Ναυκράτεως κτίσεως - περὶ τῶν Σωτάδου ποιημάτων - Δαλίσ - Ἀρίστων - Ἄδωνις - Καμπυλίων - Ἀραρῶς ἢ Εὐβουλος ἐν Καμπυλίῳ - Πανὸς γοναί - Τμέναιοι - Διαμαρτάνων - Θησαυρός - Ἰδιοφυῆ - Εὐβοϊκῶν - *carmen epicum* - *ab aliis Γαστρονομία, ab aliis Ἡδυπάθεια, ab aliis Δειπνολογία, ab aliis Ὀφοποια nominatur* - *Verum est Γαστρολογία* - Γαστρονομία - Ἡδυπάθειαν *nominat Lynceus Samius* - Ὀφολογία - *carmen dicatum fuit Moscho - et Cleandro - praecepta sua ad Hesiodi aut Theognidis modum - ipsaque illa praecepta χρῆσθα ἔπη* - περὶ αὐλητῶν - Ἐλεγεία - Τετραμέτροι - περὶ Ἀρχιλόχου *scripsit Apollonius Rhodius* - περὶ τῆς *παρ' Ἀρχιλόχῳ ἀχνημένης σκυτάλης scripsit Aristophanes grammaticus - epigramma in navem Hieronis* - Ἀμφιτρώων δεῦτερος - Ἡρακλῆς γαμῶν - Ἰχθύς - Ῥίνων - Γέρανος - Τιτανομαχίας - Παιὼν εἰς Ὑγίειαν - Μαμμάκουθος - Ἀριστάρχεια δόγματα - περὶ καθαρωδῶν - Κήρες - περὶ παροιμιῶν - Διατριβαί - Ἐρωτικά Ὅμοια - Λακωνῶν Πολιτείας - περὶ μουσικῆς - περὶ χορῶν - *Ex his libris est* - Λακωνικῶν - Γελοῖα ἀπομνημονεύματα - περὶ Πινδάρου - κατὰ Φρόνης λόγος - Γόητες - Διόνυσος - Τῶν περὶ τὰς ἱερουργίας - Ἥλιος ῥιγῶν - Θησεύς - Ἀττικαὶ λέξεις - περὶ τῆς *(παρ' Ἀρχιλόχῳ) ἀχνημένης σκυτάλης σύγγραμμα* - Γλῶσσαι Λακωνικαί - περὶ τῶν Ἀθήνησιν ἑταιρέδων - περὶ ἡλικιῶν - πρὸς τοὺς Καλλιμάχον πίνακας - περὶ προσώπων - Αἰολοσίκων - Αἰολοσίκων δεῦτερος - Ἀμφιάρως - Ἀνάγυρος - Ἀχαρνῆς - Βαβυλώνιοι - Βάτραχοι - Γεωργοί - Γῆρας - Γηρυτάδης - Δαίδαλος - Δαιταλεῖς - Δηλία (?) - Δράματα ἢ Νίβος - ἐν Δράμασι - ἐν τοῖς Δράμασι - ἐν δευτέρῳ Νίβῳ - Εἰρήνη - Ἐκκλησιάζουσαι - Ἥρωες - Θεσμοφοριάζουσαι δεῦτεροι - τὰς δευτέρας Θεσμοφοριαζούσας - Κένταυρος - Κώκαλος - Λήμνιοι - Λυσιστράτη - Νεφέλαι - ἐν προτέραις Νεφέλαις - δεῦτεροι Νεφέλαι - Νῆσοι - Νίβος - Ὀλάδες - Ὀρνιθες - Πελαργοί - Πλοῦτος - Πλοῦτος δεῦτερος - Πόλεις - Ἀριστοφάνης ἢ Φιλύλλιος ἐν ταῖς Πόλεσιν - Προαγών - Σκευαί - Σκηναὶς καταλαμβάνουσαι - Σφήκες - Ταγηνισταί - Τελμισσεῖς - Τριφάλης - Φοίνισσαι - Ὑραι -

Καλλωνίδες - Πειρίθους - Πλάτων - Πυθαγοριστής - Φιλωνίδης - Ἀπολογία τῆς ἀσεβείας - Εἰς Ἐρμείαν τὸν Ἀταρνεά ἄσμα ἢ σκόλιον - Ἐρωτικῶν - περὶ εὐγενείας - Ζῶων ἱστορία, ad quod opus conficiendum DCCC talenta ab Alexandro accepisse perhibetur Aristoteles - ζῶων ἱστορίας - ἐν τῷ περὶ τῶν ζῴων ἡθῶν - περὶ ζῴων μορίων - ζῶων μορίων - μορίων - ἐν τῷ περὶ ζῴων μορίων - ἐν τῷ περὶ ζῴων - ἐν τοῖς περὶ ζῴων - ἐν τῷ περὶ ζωϊκῶν - ἐν τῷ ἐπιγραφομένῳ ζωϊκῶ - ἐν τῷ περὶ ζῴων ἢ ἰχθύων - ἐν τῷ περὶ ζωϊκῶν καὶ ἰχθύων - ἐν τῷ περὶ ἰχθύων - Ἡθικὰ Νικομάχεια - Θαυμάσια - περὶ μακροβιότητος - περὶ μέθης - περὶ ποιητῶν - Πολιτεία - Συμπόσιον - Συμποτικὸν νόμον - Ὑπομνήματα - περὶ φυτῶν - ὁ Ἀρχύτα βίος - περὶ αὐλῶν καὶ ὀργάνων - περὶ αὐλῶν τρήσεως - Πολιτικῶν νόμων - Συγκρίσεων - Σύμμικτα συμποτικά - τὰ κατὰ βραχὺ ὑπομνήματα - Γλῶσσαι ὄψαρτυτικά - Ὀψαρτυτικά λέξεις - περὶ Δωρίδος - Γεωγραφούμενα - Ἴωνικὰ ὑπομνήματα - περὶ συναγωγῆς βιβλίων - περὶ βιβλίων χρήσεως - περὶ Διονυσιακοῦ συστήματος - Αἰγυπτιακῶν - περὶ Δημητρίου τοῦ Φαληρέως σύγραμμα - περὶ Κρατίνου - περὶ τῆς Νεστορίδος - Τραγωδοῦμενα - Ἔπη - τὰ περὶ τὸν Ἔρωτα - οἱ καταλογάδην Ἴαμβοι - Ἐρμῆς - Ἡρακλῆς σατυρικός - Σικελικῶν - περὶ τῶν παρ' Ἀρχίπτου θραυτῶν - περὶ τῶν τῆς Συρίας βασιλέων - Σαμόθρακες - περὶ σπουδῆς καὶ παιδείας - Κεφαλίων - Ἄτρειδῶν καθόδου αὐτοῦ - Ἀχαϊκὰ - Φιλευριπίδης - Φίλινα - Χαλκιδικός - Κανὼν καὶ Γνώμα - Σταθμοὶ τῆς Ἀλεξάνδρου πορείας - Ἐρωτικά - Ἰνδικῶν - περὶ τῶν ἐν Ἐφέσῳ τυράνων - περὶ Θεσσαλίας καὶ Αἰμονίας - περὶ τῆς τοῦ Ἰερωνύμου τυραννίδος - περὶ Ἴωνος τοῦ ποιητοῦ - Ἀνδροφόνος - Εὐεργέται - Συνεξαπατῶν - Βαβυλωνιακῶν - Αἰθιοπικά - περὶ ὀργάνων πρὸς Ἄτταλον - Μεσοστρίβας - Σατοῦρνος - Παρωδίαί - Ὀρνιθογονία - περὶ τῶν δουλικῶν πολέμων - περὶ ἱστορίας - Ἄγνοια (fabula ab aliis ad Diphilum relata) - Γραμματικὴ τραγωδία - Κύκλωες - Καλλίας ἢ Διοκλῆς ἐν Κύκλωψι - Πεδῆται - περὶ τῆς παρ' Ἀλκίωφ λεπάδος - τῶν περὶ Ἀγαθοκλέα ἱστοριῶν - Μοσχίων - Ἐθνικαὶ ὀνομασίαι - Ἐκάλη - Ἐπιγράμματα - Ἐπινίκιον ἐλεγειακὸν εἰς Σωσίβιον - Ἱστορικά ὑπομνήματα. Καλλίμαχος ἢ Ζηνόδοτος ἐν ἱστορικοῖς ὑπομνήμασι - περὶ ὀρνίθων - περὶ ὀρνέων - Πίναξ παντοδαπῶν συγγραμμάτων - τῶν νόμων πίναξ - τῶν ῥητορικῶν ἀπογραφῆ - Ἑλληνικά - περὶ τοῦ ἱεροῦ πολέμου - Θραυτῶν Κρατίνου ὑπομνήματα - Συμμίκτων - περὶ Ἀλεξανδρείας - Πλάτων ἢ Κάνθαρος ἐν τῇ Συμμαχίᾳ - πρὸς Φιλόπαππον ὑπομνημάτων - Ἀχιλλεύς - Σεμέλη - περὶ διδασκαλιῶν - Ἱστορικά ὑπομνήματα - περὶ Σωτάδου - εἰς Πᾶνα ποίημα - Ἡρακλέους ἐγκώμιον - τῆς Λαγίδος ἐγκώμιον - Ἀμαζόνες - Ὑς - κατὰ Ἀριστοτέλους βιβλία τέσσαρα - Αἰγίμος - Ἀλφεισίβοια - Ἰώ - Μινύαι - Οἰνεύς - Δεῖπνον - περὶ Αἰσχύλου - περὶ Ἀνακρέοντος - περὶ ἡδονῆς - Θεόφραστος ἢ Χαμαιλέων ἐν τῷ περὶ ἡδονῆς - περὶ κωμῳδίας - περὶ τῆς ἀρχαίας κωμῳδίας - περὶ Λάσου - περὶ Σαπφούς - περὶ Στησιχόρου - περὶ Σιμωνίδου - αἱ περὶ Ἀλέξανδρον ἱστορίαι - Χάρης ἐν ταῖς ἱστορίαις - περὶ τοῦ ἀστικῶ ἀγῶνος - Ἀλύσει - Περσικά - Ὠροὶ - Πτωχοὶ - περὶ τῶν δι' αὐτὰ αἰρετῶν - περὶ τῶν μὴ δι' αὐτὰ αἰρετῶν - Εἰσαγωγή ἢ περὶ ἀγαθῶν καὶ κακῶν πραγματεία - περὶ καλοῦ καὶ ἡδονῆς - περὶ τοῦ καλοῦ - περὶ ὁμοιοῦς - Ἀρτοκοπικός - Ἀρτοποιικός - Πολιτεία - περὶ μεταλήψεως - Μυθικά - Βίοι sive περὶ βίων - Γεργίθιος - περὶ γρίφων - περὶ τῶν ἐνύδρων - idem liber fortasse περὶ τῶν ἐν τῷ ὑγρῷ - περὶ θινῶν - περὶ νάρκης - περὶ παιδείας - περὶ τοῦ πανικοῦ - περὶ τῶν ἐν τῇ Πλάτωνος Πολιτεία μαθηματικῶς εἰρημένων - περὶ σκελετῶν - περὶ φιλίας - Γλῶσσας scripsit Clearchus, si vera scriptura - Κορίνθιοι - Πάνδροσος -

Αινίγματα - Ἐπιστολὴ πρὸς Ἀλέξανδρον - Διθύραμβος Μελέαγρος - Ἀστρολογία - Νόστοι - Πρωτογένεια - Γλῶσσαι - ἐν τῇ περὶ Γλωσσῶν πραγματεία - περὶ Μιλῆτου - περὶ τῆς Ῥωμαίων πολιτείας - Ἀττικὴ διάλεκτος - περὶ τῆς Ἀττικῆς λέξεως - Γείτονες - Θηρία - Λάμια - Παιδιαί - Ῥήτορες - Σάμιοι - Συναριστώσαι - Τόλμιοι - Ἀρχιλόχοι - Βουκόλοι - Δηλιάδες - Διονυσιαλέξανδρος - Δραπέτιδες - Εὐνεΐδαί - Θραῦται - Κλεοβουλῖναι - Μαλθακοί - Νέμεσις - Νόμοι - Ὀδυσσεύς - Πλοῦτοι - Πυτίνη - Τροφώνιος - Χείρωνες - Γίγαντες - Θηραμένης - Τιτάνες (?) - Χείρων - Ἐφρесиῶν Ὄροι - *versus in laudem Anacreontis* - Πειρίθους *tragoedia, quae ab aliis Critiae, ab aliis Euripidi tribuitur* - Θετταλῶν πολιτεία - Λακεδαιμονίων πολιτεία - Φιλοπράγμων - Ἀπαρχόμενος - περὶ τῶν κατὰ τὴν Ἀσίαν φόρων - περὶ τῆς ὑδραύλεως - Χρονικά *sive* Χρόνοι - *carmina* - Ἰνδικά - περὶ Βυζαντίου - Αὐτὸν πενθῶν - Τρίφυλλον - περὶ ποιημάτων - Ἀρεοπαγίτης - Σικελία - περὶ τῆς Ἀλεξανδρῶν διαλέκτου - Ἐτυμολογούμενα - ἐν Ἐτυμολογία - Τρωικὸς διάκοσμος - περὶ τῶν κατ' Αἴγυπτον - ὑπὲρ Σοφοκλέους πρὸς Φίλωνα - περὶ τῶν ἐν Αἴδου - Μέγας διάκοσμος - *de templo Dianae Ephesiae* - περὶ Ἄλικαρνασσοῦ - Ἀθίδος - Ἀχελῶς - Ἐφορος ἢ Δημόφιλος ὁ υἱὸς αὐτοῦ ἐν τῇ τριακοστῇ τῶν ἱστοριῶν - κατὰ Ἀνδροτίωνος - περὶ ἀτελειῶν - κατὰ Εὐέργου καὶ Μνησιβούλου - ὑπὲρ Κτησιφάντος - κατὰ Μειδίου - κατὰ Νεαίρας - περὶ τῆς παραπρεσβείας - περὶ τοῦ στεφάνου - πρὸς Τιμόθεον ὕβρεως - Φιλπικιοί - περὶ χουσίου - ὕφ' ἑαυτῶν πλανώμενοι - περὶ Ἀλκαίου - περὶ τοῦ τῆς Ἑλλάδος βίου - περὶ τῆς ἐν Ἰλίῳ θυσίας - Ὀλυμπικός - Τριπολιτικός - περὶ τῆς εἰς Τροφώνιου καταβάσεως - Διατριβαί - Ἐξηγητικὸς τῶν Ἴωνος δραμάτων - αἱ πρὸς Ἴωνα ἀντεξηγήσεις - περὶ παρεφθορίας λέξεως - τῶν Φρυγικοῦ δραμάτων ἐξηγήσεις - Μεγαρικά - Τήλεφος - Ὑγιεινά - Ὑγιεινῶν - τῶν πρὸς Πλείσταρχον Ὑγιεινῶν - ἐν τοῖς πρὸς Πλείσταρχον - περὶ θανασιμῶν φαρμάκων - Θάλαττα - Κύκλωπες. Καλλίας ἢ Διοκλῆς ἐν Κύκλωψι - Μέλισσαι - Γλῶσσαι Ἰταλικάι - πρὸς Λυκόφωνα - περὶ βιβλιοθήκης - Αὐλητρίς - Ἐφημερίδες Ἀλεξάνδρου - περὶ νόμων - πρὸς Ἀθηναίους λόγος - Ἐξηγήσεις τοῦ Θεοδορίδα μέλους εἰς τὸν Ἔρωτα - περὶ διαλέκτων - περὶ τοῦ Κύκλου - Ἐπιστολαί πρὸς Σπεύσιππον - Ἀκοντιζόμενος - Θεομοφόρος - Σώζουσα - περὶ ὀνομάτων - Γεωργικῶν - Ὀψαρτυτικός - Παιᾶνες - οἱ παρ' Ὀμήρῳ Νόμοι - Πολιτεία Λακεδαιμονίων - *epigramma in Machonem omisso auctoris nomine allatum* - Ἡράκλεια - Ἀντιπορνοβοσκός - Ἱστοριογράφος - Φιλάργυρος - Ἄγνοια - Δίφιλος ἢ Καλλιᾶδης ἐν Ἄγνοια - Αἰρησιτεΐχης - Ἀνασωζόμενοι - Ἄπληστος - Δίφιλος ἢ Σώσιππος ἐν Ἀπολιπούση - Βοιώτιος - Γάμος - Διαμαρτάνουσα - Ἐκάτη - Ἐλενηφοροῦντες - Ἐμπορος - Ἐναχίζοντες - Εὐνοῦχος ἢ Στρατιώτης - Ζωγράφος - Ἡρως - Θησεύς - Μνημάτων - Παιδερασταί - Πελιάδες - Πιθραύστης (Πιθραύστης?) - Πολυπράγμων - Συνωρίς - *dramatis nova editio* - Τελεσίας - περὶ τῶν Νικάνδρου Θηριακῶν - περὶ τῶν προσφερομένων τοῖς νοσοῦσι καὶ τοῖς ὑγιαίνουσι - *ex eodem libro dycta sunt reliqua testimonia - scripsit epigramma in Milonem Crotoniatam* - περὶ ἰχθύων - περὶ Ἀλέξανδρον ἱστορία - περὶ Ἀντιφάνους καὶ περὶ τῆς παρὰ τοῖς νεωτέροις κωμικοῖς ματτύης - Λέξεως συναγωγὴ - Κρητικά - περὶ λίθων - Ψάλτρια - περὶ τραγωδίας - τὰ περὶ Ἀγαθοκλέα *vel* αἱ περὶ Ἀγαθοκλέα ἱστορία - περὶ Εὐριπίδου καὶ Σοφοκλέους - Μακεδονικά - Σάτυροι - Καθαρμοί - Ἀπομνημονεύματα - Ἄρτεμις - Βούσιφρις - Γηροσύνη - Ἐμπολή - Ἐφηβοί - Κύδων - Ναυαγός - Ὀβελιαφόροι - Ὅμοιοι ἢ Ὀβελιαφόροι - Πελταστής - Φιλύρα - περὶ τῆς Ἀλεξάνδρου καὶ Ἡφαιστῆως ταφῆς *vel* μεταλλαγῆς *vel* τελευτῆς - Εὐρήματα - περὶ εὐρη-

μάτων - Ἀγρωστίνος - Ἀλκυών - Ἀταλάνται - Βάχχαι - Γᾶ καὶ θάλασσα - Διόνυσοι - Ἐλπίς ἢ Πλοῦτος - Ἐορτά - Ἴβρας γάμος - Θεαροί - Κωμασταί - Λογος καὶ Λόγιννα - Μεγαρίς - Μοῦσαι (διασκευὴ Ἴβρας γάμου) - Νᾶσοι - Ὀδυσσεὺς αὐτόμολος - Ὀδυσσεὺς ναυαγός - Ὀρούα - Περίαλλος - Πύρρα καὶ Προμαθεὺς - Πύρρα - Σειρήνες - Ψευδεπιχάρμεια scripta Πολιτεία, Κανών, Γνώμαι - περὶ Ἐπιχάρμου scripsit Apollodorus Atheniensis - Ἀντιλαΐς - περὶ ἐπιτηδευμάτων ἐπιστολή - πρὸς Ἐρμαρχον ἐπιστολαί - Κανών - περὶ τέλους - Ἀργυρίου ἀφανισμός - Βακχεΐα - Ἡρώνη - Κωραλίσκος - ἡ Τελχινιακὴ ἱστορία - Ὑποβαλλόμενοι - Μνησιπτόλεμος - ἡ περὶ τῶν καθόλου πραγματεία - Ἀντερινύς - Ἀρσινόη - Ἐπιστολαί - πρὸς Ἀγητορα τὸν Λακωνα ἐπιστολή - in Eratosthenis Erμηῖν commentarii Timarchi - Ὀλυμπιονίκαι - τὰ περὶ πατρίδος (περὶ Ῥόδου) - Μελίβιοι - Κολοφωνιακά - Ἐφesiaκά - Ἀνακαλυπτομένη - εἰς τὸν Γλαῦκον ὕμνος - Παρωδιαῖν βιβλία τέτταρα - Ἀγκυλίων - Ἀμαλθεία - Ἀντιόπη - Ἄστυτοι - Αὔγη - Βελλεροφόντης - Γλαῦκος - Διονύσιος - Δόλων - Εὐρώπη - Ἥχώ - Ἴων - Κατακολλόμενος - Κέρκωπες - Κλεψύδρα - Λάκωνες ἢ Λήδα - Λήδα - Μήδεια - Μυλωθρίς - Μυσοί - Νάννιον - Ναυσικάα - Ὀδυσσεὺς ἢ Πανόπται - Οἰδίπους - Οἰνόμαος ἢ Πέλοψ - Ὀλβία - Ὀρθάνης - Πάμφιλος - Παννουχίς - Πανόπται - Πορνοβοσκός - Προκρίς - Προσουσία ἢ Κύκνος - Σεμέλη ἢ Διόνυσος - Στεφανοπώλιδες - Σφιγγοκαριών - Τιθαί - Τιτᾶνες - Φοίνιξ - Χάριτες - Χρυσίλλα - περὶ λαχάνων - Γῆς περίοδος - Ἰεραῶς ἀναγραφῆς βιβλία - αἱ περὶ Ἀννίβαν ἱστορίαι - Τιτανομαχία - Ephemerides Alexandri - Ἄντεια, Εὐνίκου ἢ Φιλυλλίου Ἄντεια - Πόλεις, Φιλόλλιος ἢ Εὐνίκος ἢ Ἀριστοφάνης ἐν Πόλεσι - Ἀποδιδοῦσα - Γέρανος, Εὐφορίων ἢ Ἀρχύτας ἐν Γεράνω - περὶ Ἰσθμίων - Ἱστορικά ὑπομνήματα - περὶ μελοποιῶν - Χυλιάδες - Αἰσχρά - Μοῦσαι - Παραδιδομένη - Συνέφηβοι - Αἴγες - Ἀστράτευτοι - Αὐτόλυκος - Βάπται - Δῆμοι - Εἰλωτες - Κόλακες - Μαρικοῖς - Προσπάλτιοι - Ταξίαρχοι - Φίλοι - Χρυσοῦν γένος - Euripideus versus videtur esse - (Αἶολος) - (Ἀνδρομάχη) - Ἀνδρομέδα - Αὐτόλυκος πρῶτος - (Βελλεροφόντης) - (Δανάη) - Δεσμῶτις Μελανίππη - Εὐρυσθεὺς - Ἰκέτιδες - Ἰππόλυτος - (Ἰφιγένεια ἐν Αὐλίδι) - Κύκλωψ - Μελανίππη - (Οἰδίπους) - Πειρίθους - Πλεισθένης - Σθενέβιοι - Σκίρων - (Τήλεφος) - (Τρωάδες) - Φαέθων - (Φοίνισσαι) - Φοῖξος - carmen epinicium Euripidis in Alcibiadem curru victorem Olympiae - epigramma in matrem quandam cum liberis ex fungorum esu mortuam - Ἄσωτοι ἢ Ἐπιστολή - Ὁφαρτυτικά - περὶ ταρίχων - Νόμος συσσιτικός - περὶ τῶν Ἀθήνησιν ἑταιρίδων sive περὶ ἑταιρῶν - περὶ τῶν ἐν Ῥόδῳ θυσῶν - Κορωνισταί - Ἄννωνος πλάναι - περὶ τῶν κατὰ Φιγάλειαν νομίμων - περὶ τῶν παρὰ Φιγαλεῦσι νομίμων - περὶ πλακοῦντων - Γενεαλογία - Περιήγησις (sive Περιηγήσεις) - Περιήγησις - Ἀσίας Περιήγησις - Ἀσία - Εὐρώπης περίοδος - Σκύλλα - Γιγαντομαχία - Ὑπόμνημα ἀνδριάντων καὶ ἀγαλμάτων - Ποιήματα - Τρωικά, ὃ τὰ Κεφαλίωνος ἐπιγραφόμενα Τρωικά συνθεῖς Ἠγησιάνναξ ὁ Ἀλεξανδρεὺς - Κύπρια ἔπη - Φιλέταροι - Πλακουντοποικὸν σύγγραμμα - Αἰγυπτιακά - Ἀνάβασις εἰς Ἄμμωνος (εἰ γνήσιος) - Δευκαλιωνεία - Ἐθνῶν ὀνομασίαι - Καρνεονίκαί - Κτίσεις - Φορωνίς - περὶ ἀχροπόλεως - Γοργόνες - Πολύευκτος - Τρόχιλος - περὶ τοῦ λυγίνου παρ' Ἀνακρέοντι στεφάνου - περὶ τοῦ παρὰ Ξενοφῶντι ἐν τοῖς Ἀπομνημονεύμασιν Ἀντιφῶντος - ἐν Ξενίζοντι - περὶ δικαιοσύνης - περὶ ἐρωτικῶν - scripsit λέσχας, πυρρίχας et φλυαρίας - περὶ θεσμῶν - περὶ τοῦ Γρυνείου Ἀπόλλωνος - Λεόντιον - Ἀρτοπώλιδες - Δημόται - Θεοί - Στρατιῶται - Φορμοφόροι - raeanum auctor in Antigonum et Demetrium - περὶ Ἀριστοτέλους - περὶ Γοργίου - περὶ τῶν ἐπτὰ σοφῶν

- *περὶ Ἰππώνακτος* - *περὶ Ἰσοκράτους* - *περὶ τῶν Ἰσοκράτους μαθητῶν* - *περὶ νομοθετῶν* - *γλῶσσαι Κρητικαί* - *Κρητικαὶ γλῶσσαι* - *Συνώνυμα* - *Κωμωδουμένων* - *Σύμμικτα ὑπομνηματα* - *πρὸς τὸν Φιλοσωκράτην* - *Ἡρόδωρος ἐν ἑπτακαιδεκάτῃ τοῦ καθ' Ἡρακλέα λόγου* - *ex eodem opere ducta* - *περὶ σύκων* - *Συνεργαζόμεναι* - *Ἵωροι Κολοφωνίων* - *Ἀσπίς* - *Ἔργα* - *Ἠοῖαι* - *αἱ εἰς Ἡσίοδον ἀναφερόμεναι μεγάλα* - *Ἠοῖαι* - *Ἠοίην Hermesianax finxit puellae nomen fuisse Ascraicae, cuius amore captus fuisset Hesiodus* - *Κήυκος γαμος* - *Μελαμποδία* - *Αἰγίμιος carmen ab aliis Cercopi Milesio tributum* - *Ἀστρονομία* - *περὶ ὕλης* - *scripsit de rebus Alexandri Magni* - *περὶ τῆς Καρχηδονίων πολιτείας* - *Αἰγυπτιακὴ Ἰλιάς* - *Θαΐς* - *περὶ τῆς πατριδος (i.e. περὶ τῶν Ἐρυθρῶν) ἱστορία* - *ἐν τῷ ἐπιγραφομένῳ Συναγωγῇ* - *περὶ διαίτης* - *ὃ τινὲς ἐπιγράφουσι περὶ ὀξέων νοσημάτων οἱ δὲ περὶ πτισάνης, ἄλλοι δὲ πρὸς τὰς Κνιδίας γνώμας* - *περὶ πτισάνης, ὃ ἐκ τοῦ ἡμίους μὲν νοθεύεται, ὑπ' ἐνίων δὲ καὶ ὄλον* - *περὶ τόπων* - *περὶ ὑδάτων* - *ex eiusdem Aphorismis aut ex Epidemiorum libro secundo* - *Ἐπιστολὴ πρὸς Λυγκέα* - *Ἐξάμετροι τόνοι* - *Ἀνάνιος ἢ Ἰππώναξ ἐν Ἰάμβους* - *Ἐπικηλίδες* - *Ἰλιάδ.* - *Ὀδυσσεΐα* - *Ὀδ.* - *Ἵμνος εἰς Ἀπόλλωνα* - *κατὰ Ἀρισταγόρας (quae ipsius fuerat concubina XIII.590c, d)* - *κατὰ Ἀρισταγόρας δευτερος* - *Δηλιακός* - *κατὰ Δημάδου* - *κατὰ Δημοσθένους* - *κατὰ Μαντιθέου αἰκίας* - *κατὰ Πατροκλέους* - *κατὰ Φιλιππίδου* - *ὑπὲρ Φρόνης* - *Κυμαϊκά* - *περὶ τῶν Ἀλεξάνδρου ἱερῶν* - *περὶ πλακούντων* - *Μέλη* - *quorum unum Ἄθλοι, Ibyco a nonnullis tribuitur, sed Stesichoro vindicatur ab Athenaeo* - *Εὐρυτίδαι* - *Καινεύς* - *Λαέρτης* - *Φοίνιξ ἢ Καινεύς* - *ἐν Φοίνικι* - *ἐν τῷ δευτέρῳ Φοίνικι* - *Φρουροί* - *Ἐπιδημία* - *περὶ Χίου* - *τῆς Παρθίας περιηγητικός* - *Ἀρεοπαγίτικος* - *περὶ τοῦ ξεύγου* - *Ἄττικά* - *περὶ Πτολεμαΐδος τῆς ἐν Αἰγύπτῳ* - *πρὸς Τίμαιον ἀντιγραφαί* - *Ἐπίγραμμα in Leontaeum tragoedum* - *Θεατρικὴ ἱστορία* - *τὰ περὶ Λιβύης συγγράμματα* - *Ὁμοιότητες* - *Ἵμνος εἰς τὴν ἐν Ἐρμιόνη Δήμητρα ἄσιγμος* - *Ἰδιὴ ἄσιγμος, ἢ ἐπιγραφομένη Κένταυρος* - *Ἀλιευτικός* - *Φράτορες* - *Διθύραμβοι* - *περὶ Πυθαγόρου* - *Μενέδημος σάτυροι* - *κατὰ Δημάδου* - *κατὰ Λεωκράτους* - *κατὰ Λυκόφρονος πρώτος* - *Αἰγυπτικά* - *Ἀποφθέγματα* - *Ἐπιστολαὶ δειπνητικαί* - *πρὸς Ἀπολλόδωρον* - *πρὸς Διαγόραν* - *πρὸς Ἰππόλοχον* - *πρὸς τὸν κωμικὸν Ποσειδίππον* - *Κένταυρος comoedia* - *περὶ Μενάνδρου* - *Τέχνη ὀφωνητικὴ* - *περὶ ἱαμποποιῶν* - *orationes* - *περὶ νόστων* - *περὶ τῆς Ἀττάλου παιδείας* - *Κωακά* - *epigramma sepulcrale Alexandrinum fecit* - *Ἐπιστολὴ* - *Χρεΐαι* - *Παράγγελμα* - *Διόνυσος πρώτος* - *Διόνυσος δεύτερος* - *Λυδοί* - *Σιφνίων Ὀροι* - *Μακεδονικῶν* - *parodia inscripta Δεῖπνον* - *Μαρσύας* - *περὶ τῶν ἐν Ἐλευσίνι μυστηρίων* - *καὶ φακῆς σύγκρισις* - *Σικυωνικά* - *περὶ τεχνιτῶν* - *Ἀλιεῖς* - *Ἀνδρόγονος ἢ Κρής* - *Ἄνεψιοί* - *Ἄρρηφόρος ἢ Αὐλητρὶς* - *Δημιουργός* - *Δύσκολος* - *Ἐαυτὸν τιμωρούμενος* - *Ἐγχειρίδιον* - *Ἐμπιπραμένη* - *Ἐπύκληρος πρώτη* - *Ἐπιτρέποντες* - *Ἐφέσιος* - *Θεοφορουμένη* - *Θρασυλέων* - *Καρίνη* - *Καρχηδόνιος* - *Κεκρύφαλος* - *Κόλαξ* - *Κρής* - *Μέθη* - *Μηναγύρτης* - *Μισογύνης* - *Ναύκληρος* - *Νομοθέτης* - *Ὀργή* - *Παιδίον* - *Παλλακὴ* - *Παρακαταθήκη* - *Περυνθία* - *Πωλούμενοι* - *Ῥαπιζομένη* - *Ἵμνις* - *Φάνιον* - *Φάσμα* - *Χαλκεία* - *Ψευδηρακλῆς* - *Συναγωγῇ* - *Πολιτικά* - *περὶ ἀναθημάτων* - *Ἀρκεσίλαος* - *τῶν κατὰ Σάμον ἐνδόξων ἀναγραφῇ* - *περὶ τῶν κατὰ τὸ ἱερὸν τῆς Σαμίας Ἴρας* - *Αὔραι ἢ Μαμμάκυθος* - *Αὔραι* - *κατὰ τὰς Μεταγένους Αὔρας ἢ τὸν Ἀρισταγόρου Μαμμάκυθον* - *Θουριοπέρσαι* - *drama ἀδίδακτον* - *Φιλοθύτης* - *Τρωικά* - *περὶ ἀλειπτικῆς* - *Ναννώ* - *Ὄφαρτυτικός* - *Ὄφιοποιία* - *Σικελικὴ* - *Παίγνια* - *περὶ Ἀσίας* - *Εὐρωπαϊκά* - *Μνασέας ἐν τρίτῳ Εὐρώπης* - *Περίπλους* - *Ἰπποτρόφος* - *Φίλιππος* - *περὶ ἔδεστων* - *περὶ*

κωθωνισμού ἐπιστολή - Φοινικικά - Μνημοσύνη *roema ericum* - περί Τέρωνος νεώς - Ἐξήγησις Ῥοδιακῶν λέξεων - Μηχανικῶν - Μεσσηνιακά - Ἱστορικά παραδόξα - Ναύκληροι - Περσίς - Αἱ περί Ἄτταλον ἱστορίαι - Ἑλληνικά - τῶν Ἑλληνικῶν ἱστοριῶν - περί τελετῆς - περί τελετῶν - Ὄροι Κυζικηνῶν - Γλωσσῶν - Διονυσίας - περί ἐπιγραμμάτων - Θεατρικά ὑπομνήματα - Γυναικῶν κατάλογος - Ἐπιγράμματα - Προυσίου συμπτώματα - Περιπέτειαι - Αἰτωλικῶν - Γεωργικά - Ἐτεροιούμενα - Εὐρωπία - Θηριακά - ἐν Θηριακῶ - Κολοφωνιακῶν - Οἰταϊκῶν - Ἄττικά ὀνόματα - Μετονομασίαι - Ἀρκαδικά - Διαδοχαί - τῶν φιλοσόφων διαδοχαί - περί τῶν φιλοσόφων ἱστορία - Νικοβούλη ἢ ὁ ἀναθείς ταύτη τὰ συγγράμματα - Ἡρακλῆς χορηγός - Ἱστοριαί (centum quadraginta quattuor libris comprehensae) - Ἐλεύθια - περί ἑορτῶν Αἰγυπτίων - περί Ορφέως - Πανδώρα - Χειρογράφοι - Ἄβρα - Ἀντερώσα - Ἄντυλλος, Νικόστρατος ἢ Φιλέταιρος ἐν Ἄντύλλῳ - Ἀπελαυνόμενος - Βασιλεῖς - Διάβολος - Ἰεροφάντης - Ἡσίοδος - Κλίνη - Μάγειρος - Πατριῶται - Σύρος - Τοκιστής - Ψευδοστιγματίας - Ἀσίας περίπλους - περί Ἡρακλείας - τῆς Ἀσίας περίπλους - Περίπλοι - περί τῶν ἐν Σικελίᾳ θαυμαζομένων - Ἰάλεμος - Κάλλαισχος - περί γλωσσῶν καὶ ὀνομάτων - περί ὀνομάτων καὶ γλωσσῶν - *carmen in honorem Adriani et Antinoi* - Θαλάσσια ἔργα - Κογχορηγίς - πρὸς Ἀλέξανδρον ἐπιστολαί - Κυνηκῶν Συμπόσιον - Μαγειρικὴ διδασκαλία - περί διαλέκτου - περί τῶν παρὰ τοῖς ἱστορικοῖς λέξεων ζητουμένων - Λακωνικὴ πολιτεία - Συμποτικοὶ διάλογοι - συμποτικὰ ὑπομνήματα - *opus ex iis qui scripsere* πλακουντοποικὰ συγγράμματα - Πρυτάνεων Ἐρεσιῶν - περί τῶν ἐν Σικελίᾳ τυράννων - πρὸς τοὺς σοφιστάς - Τυράννων ἀναίρεσις ἐκ τιμωρίας - περί Εὐδόξου - Ἀγαθοί - Ἄγριοι - Αὐτόμολοι - Γράες - Γραφεῖς - Δουλοδιδάσκαλος - Ἐπιλήμων - Ἐπιλήμων ἢ Θάλαττα - Ἴπνος ἢ Παννουχίς - Κοριαννῶ - Κραπάτακι - Ἀἴροι - Μεταλλεῖς - ὁ πεποιηκῶς τοὺς εἰς αὐτὸν (τὸν Φερεκράτην) ἀναφερομένους Μεταλλεῖς - Μυρμηκῶνθρωποι - Φερεκράτης ἢ ὁ πεποιηκῶς τοὺς Πέρσας - Πετᾶλη - Τυραννίς - Χείρων, ὁ τὸν Χείρωνα πεποιηκῶς, εἴτε Φερεκράτης ἐστὶν εἴτε Νικόμαχος ὁ ῥυθμικός - Χείρων ὁ εἰς τὸν Φερεκράτην ἀναφερόμενος - Φερεκράτης ἢ ὁ πεποιηκῶς τὸν Χείρωνα - περί ἀφροδισίων σύγγραμμα - Ἄττικαί φωναί - Ἄττικά ὀνόματα ἢ γλῶσσαι - ἐν τοῖς περί Ἄττικῶν ὀνομάτων ἢ γλωσσῶν - ἐν τῷ περί Ἄττικῶν ὀνομάτων - Παντοδαπῶν χρηστηρίων βιβλίον - Ἄγροϊκος - Ἀνανεομένη - Ἀρπαζόμενος - Βαβυλώνιος - Ζωμίον - Ἰατρός - Κορινθία - Μετιῶν ἢ Ζωμίον - Μετιῶν - Μοιχός - Νέαιρα - Παρεισιῶν - Πτωχή - Πτωχὴ ἢ ῥοδιά - Ῥόδεα - Σικελικός - Χήρα - Ἄντυλλος, Νικόστρατος ἢ Φιλέταιρος ἐν Ἄντύλλῳ - Ἀσκληπιός - Ἀταλάντη - Κορινθιαστής - Κυνηγίς - Λαμπαδηφόροι - Οἰνοπίων - Φίλαυλος - Ἄτακτα - Κροκωνιδῶν διαδικασίαι - Ἀνανέωσις - Αὐλοί - Νάννιον *Philippidi nonnulli tribuunt* - Συμπλέουσαι - Τριόδων ἢ Ῥωσπώλης - Ἀνδροτίων ἢ Φίλιππος ἢ Ἠγήμων ἐν τῷ Γεωργικῷ - περί Καρῶν καὶ Λελέγων - κατὰ Σοφοκλέους λόγος - Μεταλλικός - περί μαντικῆς - Τετράπολις - Θετταλικῶν, εἰ γνήσια τὰ συγγραμματα - περί τῶν ἐν Ῥόδῳ Σμινθίων - Κόθορνοι - περί τῶν ἐν τῇ Ἀσίᾳ πόλεων - Δήλιος - περί τῶν παραδόξων ποταμῶν - περί τροφῆς - Γαλάτεια - Ὑμέναιος - Πόλεις, Φιλύλλιος ἐν Πόλεσι - Φιλύλλιος ἢ ὅστις ἐστὶν ὁ ποιήσας τὰς Πόλεις - Ἀριστοφάνης ἢ Φιλύλλιος ἐν ταῖς Πόλεσι - Φρεώρυχος - Μισομένη - Φίλαρχος - Ἀπελεύθεροι - Ἐφιάλτης - Κρόνος - Ποάστριαι - Τραγωδοί - Παιάν - *tres hexametris* - *Olympia* - *Pythia* - *fragmenta* - Γρύπες - Ἐορταί - Ζεὺς κακούμενος - αἱ ἀφ ἱερῶν - Κλεοφῶν - Λάιος - Λάκωνες - Μενέλαος - Νύξ μακρά - Πείσανδρος - Περιαλγῆς - Πρέσβεις

- Σκευαί. Αριστοφάνης ἢ Πλάτων ἐν ταῖς Σκευαῖς, ὡς Χαμαιλέων φησί - Σοφισταί - Συμμαχία. Πλάτων ἢ Κάνθαρος ἐν Συμμαχία - Σύρφαξ - Ὑπέροβλος - Φάων - βιβλίον Πλάτωνος ἐμβρόντητον *Ophelion* - Αλκιβιάδης πρότερος - Αλκιβιάδης δεύτερος - Ἀλκυῶν *dialogus non Platonis, sed Leontis Academici est* - περὶ ἀνδρείας (i.e. Λάχης) - Ἀπολογία - Ἀτλαντικός (i.e. Κριτίας) - Γοργίας - Ἐπίγραμμα εἰς Ἀρχαϊάνασσαν ἑταίραν - Εὐθύδημος - Θεαίτητος - Ἰππίας - Κρατύλος - Κριτίας - Κρίτων - Λάχης - Μενέξενος - Μένων - Παρμενίδης - Πρωταγόρας - τὸ Πλάτωνος συσσίτιον - Τίμαιος - Φαίδων - Φίληβος - Χαρμίδης - περὶ ψυχῆς Φαίδων - περὶ τῆς Ἀθήνησιν ἀκροπόλεως - ἐν τοῖς περὶ ἀκροπόλεως - πρὸς Ἀδαῖον καὶ Ἀντίγονον - Πολέμων ἐν τοῖς πρὸς Ἀντίγονον περὶ ζωγράφων - πρὸς Ἀράνθιον ἐπιστολή - περὶ Ἄρτου - πρὸς Ἄτταλον ἐπιστολή - περὶ τοῦ Δίου κωδίου - Ἑλλαδικός. Πολέμων ἢ ὅστις ἐστὶν ὁ ποιήσας τὸν ἐπιγραφόμενον Ἑλλαδικόν - περὶ τῶν κατὰ πόλεις ἐπιγραμμάτων - περὶ θαυμασίων - περὶ τῶν ἐν Καρχηδόνι πέπλων - περὶ τῶν ἐν Λακεδαίμονι ἀναθημάτων - περὶ περὶ Μορύχου - πρὸς Νεάνθη ἀντιγραφαί - περὶ ὀνομάτων ἀδόξων ἐπιστολή - περὶ παρασίων - περὶ τῆς ποικίλης στοᾶς τῆς ἐν Σικυῶνι - περὶ Σαμοθράκης - περὶ τῶν ἐν Σικελία ποταμῶν - περὶ τῶν ἐν Σικυῶνι πινάκων - περὶ τοῦ παρὰ Ξενοφῶντος κανάθρου - περὶ Ἀφροδίτης - Λακωνικά - περὶ ἀφροδισίων - Μουσῶν γοναί - Ῥοδιακά - Ἀναβλέπων - Ἀποκλειομένη - Ἐφρεσία - Λοκρίδες - Μεταφερόμενος - Χορεύουσαι - Αἰθιοπία - Ἀσωπία - Ἀμαζόνις - Μαγνητικά - Δύμαιναι ἢ Καρυάτιδες - Ὑπόρχημα - Ἡμίμβοι - Ἀκροάσεις ἐρωτικαί - περὶ Δαφνικῶν ἀγῶνων - περὶ τῶν ἐπὶ Δάφνη πανηγύρεων - Κωμικαί (?) ἱστορία - Λακωνικῆς Πολιτείας - Ὑπομνήματα (*viginti quattuor libris comprehensa*) - περὶ τὸν Φιλοπάτορα ἱστορία - περὶ ὀρχήσεως - Κρητικῶν νομίμων - περὶ Αἰγίνης - περὶ τῆς ἐρυθρᾶς θαλάσσης - Ἀγῆν - τὴν Πωμαϊκῆν ἱστορίαν τῇ Ἑλλήνων φωνῇ ἐκδέδωκε - Ἰλίου Πέρσις - Γέλως - Φιλίππου βίος - Μελέαργος - Ἰστορίη - περὶ Ἑλληνισμοῦ - Ἰλαρὰ ἄσματα - Δηλιάς - Νησιάς - περὶ παιάνων - Γοργῶ - ἰάμβων - *eius carmen eripit in Leophronem, Olympiae victorem* - Ὀψαρτυσία - ἐν τοῖς ποιήμασι - περὶ Ὅρων καὶ τόπων καὶ πυρὸς καὶ λίθων - Ἐπικλήσεις (θεῶν) - ἐμφυλίου πολέμου - Βακχίς - Βακχίδος μνηστήρες - Βακχίδος γάμος - Γαλάται - Εὐβουλοθεόμβροτος - Μύσται - Μυστακοῦ θητίον - Νέκυια - Πύλαι - Σίλφαι - Φακῆ - Φυσιολόγος - Ἀνδροκλῆς - Σοφοκλῆς Ἐπὶ ταιναρίοις - Αἶας - Αἰγεύς - Αἰθίοπες - Ἄμυκος - Ἄμυκος σατυρικός - Ἀμφιάραος σατυρικός - Ἀτηνηορίδα - Ἀντιγόνη - *tacito fabulae titulo* - Ἀχαιῶν σύνδειπνον - Ἀχιλλέως ἔρασταί - Ἐλένης γάμος - Ἐπίγονοι - Ἐρις - Ἠλέκτρα - Θαμύρας - Θάμυρις - Ἰναχος - Ἰφιγένεια - Ἰχθυεῖται - Καμίμοι - Κηδαλίων - Κολχίδες - Κρίσις - Λαρισσαῖοι - Ναυσικάα - Νιόβη - Οἰδίπους τύραννος - Οἰνόμαος - Ποιμένες - Σαλμωνεύς - Σκύθαι Σύνδειπνοι - Σύνδειπνον - Τραχινία - Τριπτόλεμος - Τυμpanισταί - Τυρώ - Ὑβρις - Φαίακες - Μίμοι - Μίμοι ἀνδρεῖοι - ὁ Ἀγροιώτης - ὁ θυννοθήρας - Παιδικά - Ὀλιεὺς τὸν ἀγροιώταν - Σώφρων ἐν τῷ Ἀγροιώτῃ - Μίμοι γυναικεῖοι - Γυναικες αἱ τὰν θεὸν φαντὶ ἐνδείξαι - Νυμφοπόνος - Πενθερά - περὶ Ἀλκμᾶνος - περὶ θυσῶν τῶν ἐν Λακεδαίμονι - Σωσίβιος ἐν τοῖς περὶ θυσῶν - Ὀμοιότητες - περὶ χρόνων - περὶ βασιλείας πρὸς Κάσανδρον - Ἅοιοι - Φιλοσόφων διαδοχή - Σωσικράτης ἐν ταῖς Διαδοχαῖς - Δάφνης ἢ Λιτιέρσας - Ἐγκλειόμενοι - Παραλυτρούμενος - περὶ τῶν Τζιμωνος σίλλων - Ὀμοῖα - Τέχνη ἐρωτικῆ - Γηρουονίς - Καλύκη - Ὀρεστεία - Συοθηραι - περὶ Θεμιστοκλέους, Θουκυδίδου καὶ Περικλέους - Γεωγραφικῶν - Γεωγραφουμένων - Φοινικίδης - Ἀγαθοί. Φερεκράτης ἢ Στράτις ἐν Ἀγαθοῖς

- Ἀνθρωπορραίστης - Καλλιπίδης - Κινησίας - Λημνομέδα - Μακεδόνες - Μακεδόνες ἢ Κινησίας - Μακεδόνες ἢ Παυσανίας - Παυσανίας - Ποτάμιοι - Τρώλιος - Χρυσίππος - Ψυχασταί - Κωμωδία σατυρική - Ἀμφικτύονες - Ἡσίοδοι - Πρωτάνεις - Στεροροί - Τελχινιακή ἱστορία - περὶ τοῦ ἄστεως - Ἀργώ - Ὑμέναιος διθύραμβος - Γαστρολογία - Ὅρισμοί - Ἄσματα - Παλληγνίς - Χρυσή βίβλος - Ἰθύφαλλοι - Βερενίκη - Φαρμακεύτριαι - *griphus de umbra* - *griphus de Theseo* - Τέχνη - εἰς Ἐρωτα μέλος - Κένταυροι διθύραμβος - *auctor cantilenaе quae Oscillorum feriis canebatur* - Ἀττικά γλῶσσαι - περὶ ἀγῶνων - Φάσμα ἢ Φιλάργυρος - Φιλοδέσποτος - Ἐλεγείαι - Βακχικά ἔπη - Βοιωτία - Νεοπτόλεμος - Παρκρατικαστής - Προιδέες - Φίλαυλος - Αἶτια φυτικά - περὶ γελοίου - περὶ τῶν δακέτων καὶ βλητικῶν - περὶ ἐνθουσιασμοῦ - Ἐρωτικός - περὶ ἑτεροφωνίας τῶν ὁμογενῶν - περὶ εὐδαιμονίας - περὶ κολακείας - περὶ τῶν μεταβαλλόντων τὰς χροάς - περὶ τῶν ἐν τῷ ξηρῷ διαιωμένων - περὶ ὁδμῶν - περὶ πνιγμοῦ - περὶ τῶν κατὰ τόπου διαφορῶν - Ὑπομνήματα. Ἀριστοτέλης ἢ Θεόφραστος ἐν τοῖς ὑπομνήμασιν - περὶ φυτῶν ἱστορία *vel* φυτική ἱστορία *aut* τὰ περὶ φυτῶν *aut* φυτικά - Ἄδμητος - Ἀλθαία - Ἀφροδίτη - Ἡδυχάρης - Μῆδος - Νεμέα - Πηνελόπη - Στρατιώτιδες - Φιλίππικὰ - πρὸς Ἀλέξανδρον συμβουλαί - ἢ πρὸς Ἀλέξανδρον ἐπιστολή - Θεόπομπος ἐν τοῖς περὶ τῆς χίας ἐπιστολῆς - περὶ τῶν ἐκ Δελφῶν συληθέντων χρημάτων - κατὰ τῆς Πλάτωνος διατριβῆς - Ἀρμάτιον - κατὰ Ἐπικούρου βιβλία - Προοίμια - Ἐπίγραμμα εἰς Εὐριπίδην - Δείπνον *vel* Δείπνα - Δείπνον - ἐν τοῖς Δείπνοις - τοῦ Δείπνου - Δείπνου - περὶ τοῦ Ἐρατοσθένους Ἐρμοῦ - Αἰγύπτιοι - Δεξαμενός - Δῆλος - Δημοσάτυροι - Διονυσιάζουσαι - Δρακόντιον - Ἐπιστολαί - Ἐπιχαυρέκακος - Ἰκάριοι - Ἰκάριοι σάτυροι - Καύνιοι - Κένταυρος ἢ Δεξαμενός - Κονίσσαλος - Λήθη - Μαραθῶνιοι - Ὁρεσταυτοκλείδης - Πορφύρα - Πύκτης - Σαπφώ - Φιλοδικαστής - Ψευδολησταί - περὶ τῆς σφαιριστικῆς - Κυπριακά - Σύλλοι - Περιδείπνον (Ἀρκεσιλάου) - Κυνάριον - Ναυτίλος - Νόμοι (μουσικοί) - Ὠδὴν (Σεμέλης) - περὶ Ἀττικῆς προσφῶδις - περὶ ὀνομασιῶν - Τρύφων ἐν τοῖς Ὀνομαστικοῖς - Πένταθλος - Πορφύρα - Πρίαπος - Σκύθαι - Συμποικτικοὶ νόμοι - Ἀγησίλαος - Ἀλκιβιάδης δευτέρος Platonis, *ab nonnullis Xenophonti tributus* - Ἀνάβασις Κύρου - περὶ τοῦ παρὰ Ξενοφῶντι ἐν τοῖς Ἀπομνημονεύμασιν Ἀντιφῶντος *librum edidit Hephaestion* - Ἰέρων ἢ Τυραννικός - περὶ ἱππικῆς - Κυνηγετικός - Οἰκονομικός - Παιδεία - περὶ πόρω - Ζηνὶς ἢ Ζηνεύς ὁ Χίος ἐν τῷ περτῆς Χίον συγγράμματι - περὶ πολιτείας - Ἐπιτομαί - Ἱστορικά ὑπομνήματα, *quorum auctor Callimachus aut Zenodotus* - Ὀμήρου ἔκδοσις - Ζηνοφάνης ἐν τῷ Συγγενικῷ - Ὀφαρτυτικά.

An interesting aspect of the work done by August Meineke is the effort to preserve the original Greek forms used by Athenaeus in the *Deipnosophists* to refer to titles and descriptions of works and to their internal divisions.⁷³ The forms listed in the previous pages are those printed in the Teubner edition of Meineke. Sometimes they appear in an abbreviated form because references to book numbers and other internal divisions have been separated and stored in the database field *Sub Work*.⁷⁴

73 This aspect is also present in the indices of Georg Kaibel (sections 5.5.2 and 5.5.3), but not anymore in those published by Douglas S. Olson (section 5.5.4).

74 An example is the expression ἐν τῷ πρώτῳ τῶν τῆς Ἀσίας Σταθμῶν that is part of the index entry of Amyntas (p. 456) from Ath., *Deipn.* 500d (= 11.102). The expression has been split into τῶν τῆς Ἀσίας Σταθμῶν (*Work*) and ἐν τῷ πρώτῳ (*Sub Work*).

Future work of the *Digital Athenaeus* project plans two different tasks: 1) align these forms with the Greek text of the *Deipnosophists* in order to automatically annotate them in the context⁷⁵ and 2) lemmatize these forms and create entries for a complete text-based catalog of the works cited by Athenaeus.

Finally, the following 117 unique expressions are used by Meineke to characterize authors in his index:⁷⁶

Academicus (3) - *actor scenicus* (1) - *Aegypti vectigalibus ab Alexandro praefectus* (1) - *Agesarchi filius* (1) - *Aristophaneus* (2) - *Aristotelis discipulus* (6) - *arithmeticus* (1) - *Attica apis* (1) - *auctor scolii* (1) - *Caesaris imperatoris legatus* (1) - *Callimacheus* (1) - *Callimachi discipulus* (1) - *Callimachus* (1) - *citatur* (2) - *colaborum poeta* (1) - *comici* (1) - *comicus* (99) - *comicus (?)* (1) - *comicus an tragicus* (1) - *criticus* (1) - *cyclicae Thebaidis auctor* (1) - *cynicus* (3) - *delectatus est cyclo epico et totas fabulas inde desumsit* (1) - *dialecticus* (1) - *Dieuchis medici discipulus* (1) - *dithyramborum poeta* (1) - *duo nominantur Dionysii* (1) - *elegiacus* (1) - *Epicureus* (1) - *epicus* (3) - *epicus poeta* (1) - *Euergetes* (1) - *glossographus* (1) - *Gorgiae discipulus* (1) - *grammatica* (1) - *grammaticus* (14) - *grammaticus Aristophaneus* (1) - *Harmonicus* (1) - *Herculis sacerdos* (1) - *Hermodori filius* (1) - *historicus* (2) - *iambographus* (1) - *iamborum poetria* (1) - *Iambus* (1) - *Isocratis discipulus* (2) - *iunior* (3) - *ludicarum et amatoriarum cantilenarum auctor* (1) - *lyricus* (1) - *lyricus (Stesichorus?)* (1) - *lyricus poeta* (1) - *magnus* (1) - *mater Alexandri* (1) - *mechanicus* (1) - *medicus* (20) - *medicus Erasistrateus* (1) - *Menodori Erasistratei amicus* (1) - *Mnesiptolemi filius* (1) - *multa a Xantho lyrico accepta corruptit* (1) - *musicus videtur* (1) - *novae Academiae philosophus* (1) - *orator* (15) - *parasitus* (1) - *parodicus poeta* (1) - *parodus* (4) - *Periegeta* (2) - *peripateticus* (1) - *philosophus* (1) - *poeta* (3) - *poeta aut poetria* (1) - *poeta dithyrambicus* (1) - *poeta elegiacus* (1) - *poeta hilarodus* (1) - *poeta liyricus* (1) - *poeta philosophus* (1) - *poetria* (1) - *poetria lyrica* (1) - *pseudaristophaneus* (1) - *Pythagoricus* (3) - *rhetor* (2) - *satyricum drama cuius nomen periiit* (1) - *Scytobrachion* (1) - *sillographus* (1) - *Socraticus* (2) - *sophista* (1) - *Sophonisci filium aiunt nonnulli auctorem fuisse dialogorum, quos pro suis edidit Aeschines* (1) - *Sotadis Maronitae filius* (1) - *stoicus* (5) - *Syracusarum tyrannus* (1) - *Theophrasti discipulus, frater Duridis historici, amicus Hippolochi* (1) - *tibicen* (1) - *tragicus* (15) - *ὁ ἀστρολογικός* (1) - *ὁ θαυμασιώτατος* (1) - *ὁ θειότατος* (1) - *ὁ ἰαμβοποιός* (1) - *ὁ ἱερώτατος* (1) - *ὁ Καλλιᾶσχρου* (1) - *ὁ λεπτός* (1) - *ὁ λυτικός cognominatus* (1) - *ὁ μελοποιός* (1) - *ὁ μουσικός* (1) - *ὁ νεώτερος* (2) - *ὁ νησιώτης* (1) - *ὁ περιηγητής* (1) - *ὁ ῥυθμικός* (1) - *ὁ σοφιστής* (1) - *ὁ τοῦ Ἀρείου* (1) - *ὁ τοῦ Ἀριστονόκου* (1) - *ὁ τοῦ Διονυσίου* (1) - *ὁ τοῦ Τρύφωνος* (1) - *ὁ τραγικός* (1) - *ὁ τῶν ποιητῶν βασιλεύς* (1) - *ὁ τύραννος* (1) - *ὁ χαλκοῦς* (1) - *ποιητής* (1) - *σοφὸς πεμματολόγος* (1) - *συγγραφεύς* (1).

75 See section 5.5.6.

76 This data has been extracted from the database field *Characterization* of the digital version of the *Index Scriptorum* of Meineke and is arranged in alphabetical order by language. Numbers in round brackets refer to the total number of unique occurrences in the field *Characterization* with a distinction by *Name* and *Ethnicon*.

5.5.2 Kaibel – Index Scriptorum

This index is part of the third volume of the Teubner edition of the *Deipnosophists* published by Georg Kaibel in 1890 (*Index Scriptorum*).⁷⁷ The index includes a list of authors and works cited by Athenaeus and, like for the *Index Scriptorum* of Meineke, the digital version of it has been created starting from the OCR output of the printed volume.⁷⁸ Also in this case, the OCR output has been parsed using bash scripts and manually corrected in order to create an SQL database organized in fields containing data collected and arranged by Kaibel for each author and work. Like in the *Index Scriptorum* of Meineke, the OCR output embeds each index entry in a TEI XML element <p>.⁷⁹ The structure of the *Index Scriptorum* of Kaibel has more data than the *Index Scriptorum* of Meineke, as it is shown in the example concerning the entry of Demetrius of Scepsis (p. 604) in table 5.1.⁸⁰ Athenaeus' book numbers have been extracted and collected in a separate field, Roman numerals have been converted into Arabic numerals, and Casaubon citations have been converted into Kaibel citations using the *Casaubon-Kaibel Reference Converter*.⁸¹

Greek and Latin expressions used by Kaibel in his *index* have been preserved and entries have been structured to separate data in the following search fields that are accessible through the *Index Digger* (fig. 5.13):⁸²

- Name: author name (e.g., AESCHYLVS) and other index entries (e.g., TEΛXINIAXH ΙΣΤΟΠΙΑ);
- Ethnicon 1: place of origin of an author (e.g., Samius);
- Ethnicon 2: second place of origin of an author, when applicable (e.g., Babylonius);

77 Kaibel (1887–1890), vol. III 565–676.

78 The digital version of the *Index Scriptorum* is available at <http://www.digitalathenaeus.org/tools/KaibelIndexScriptorum/>. The digitization of the edition of Kaibel has been performed as part of the *Open Greek and Latin* project: see section 5.3.

79 The XML file is available at https://github.com/OpenGreekAndLatin/athenaeus-dev/blob/master/athenaeusKaibel_3.xml.

80 The page of the printed edition can be visualized at <https://archive.org/details/athenaevcrati03atheuoft/page/604/mode/1up>. In the table there are three fields called Ethnicon because there are cases where Kaibel prints more than one *ethnicon*, as in the examples of Agathocles (Cyzicenus, Babylonius) and of Polemo (ὁ εἶτε Σάμιος ἢ Σικυώνιος εἶτ' Ἀθηναῖος ὀνομαζόμενος). The field Passage has been added because Kaibel prints the reference passages of cited works, including fragment numbers. Finally, the field Asterisk includes the asterisk (*) that sometimes is printed by Kaibel to signal dubious works and passages. On these fields, see below.

81 See section 5.4.1. On the complexities represented by the correspondences between Casaubon sections and Kaibel paragraphs and on reference ranges, see section 5.5.1.

82 <http://www.digitalathenaeus.org/tools/KaibelIndexScriptorum/digger.php>

Table 5.1. Kaibel, *Index Scipiorum*: data structure (Demetrius of Scepsis)

| Name | Ethnicon1 | Ethnicon2 | Ethnicon3 | Characterization | Note | Work | SubWork | Note(Work) | Passage | Asterisk | Note(Reference) |
|-----------|------------|-----------|-----------|------------------|------|----------------------|--------------------------|-------------------------|---------|----------|-----------------|
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν τῷ α' | | fr. 1 | | IV.141e |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν τῷ α' | | fr. 1 | | IV.141f |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν δευτέρῳ | | fr. 3 | | XIV.658b |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν ὀγδωῶ | | fr. 6 | | VIII.346b |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν ὀγδωῶ | | fr. 6 | | VIII.346c |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν τῷ ι' | | fr. 6 | | XV.697c |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν τῷ ι' | | fr. 6 | | XV.697d |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν διδεδότῳ | | fr. 8 | | XIV.644a |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν τῷ ιε' | | fr. 7 | | IV.155a |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν τῷ ιε' | | fr. 7 | | IV.155b |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν τῷ ιε' | | fr. 9 | | III.80d |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν ἑκαταδε- σάτῳ | | fr. 10 | | IV.173f |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν ἑκαταδε- σάτῳ | | fr. 11 | | VII.300d |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν τῷ ιθ' | | fr. 13 | | XV.697d |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν τῷ κδ' | | fr. 14 | | IV.174a |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν ἑκτῷ καὶ εἰ- κοστῷ | | fr. 15 | | III.91c |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | ἐν ἑκτῷ καὶ εἰ- κοστῷ | | fr. 16 | | X.425c |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | | libro non indi- cato | fr. 72 | | II.44e |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | | libro non indi- cato | fr. 73 | | IV.167d |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | | libro non indi- cato | fr. 74 | | VI.236d |
| DEMETRIVS | ὁ Σκερῖφος | | | | | Τρικοῦ δι- σχημοῦ | | libro non indi- cato | fr. 74 | | VI.236e |

- Ethnicon 3: third place of origin of an author, when applicable (e.g., εἴτ' Ἀθηναῖος ὀνομαζόμενος);
- Characterization: literary genre or profession of an author (e.g., comicus);
- Note: Kaibel notes to name, ethnicon and/or characterization fields (e.g., Ἀλεξίνος coni);
- Work: work titles (e.g., Πέρσαι);
- Sub Work: sub works (e.g., ἐν τῇ πρὸς Φιλόξενον Ἐπιστολῇ) or book numbers (e.g., ἐν τῇ λ' Ἱστοριῶν);
- Note (Work): Kaibel notes to work titles (e.g., titulus suspectus);
- Passage: work passages cited in the *Deipnosophists* (e.g., fr. 33);
- Athenaeus Book: book numbers of the *Deipnosophists* for each occurrence (e.g., Book 5);
- Casaubon Reference: references to passages in the *Deipnosophists* where authors and works are cited (e.g., 9.388c);
- Kaibel Reference: conversion of Casaubon references into Kaibel references (e.g., 9.40);
- Asterisk: asterisks used by Kaibel to signal dubious works and passages (*);
- Note (Reference): Kaibel notes to Casaubon references (e.g., cf. adn. ad litt. d).

Additional outputs fields are the same of the *Index Scriptorum* of Meineke and the following are examples of combined search results for the *Index Scriptorum* of Kaibel: Name (HOMERVS) AND Work (Ἰλιάδος); Characterization (comicus) AND Athenaeus Book (Book 5); Work (Προμηθεὺς Δεσμώτης) OR Work (Προμηθεὺς Λυόμενος).

Also the *Index Scriptorum* of Kaibel has a *Dynamic Graph* where results can be obtained by filtering data using the following filter fields:⁸³

- Name: author name (e.g., AESCHYLVS) and other index entries (e.g., ΤΕΛΧΙΝΙΑΚΗ ΙΣΤΟΡΙΑ);
- Ethnicon 1: place of origin of an author (e.g., Samius);
- Ethnicon 2: second place of origin of an author, when applicable (e.g., Babylonius);
- Ethnicon 3: third place of origin of an author, when applicable (e.g., εἴτ' Ἀθηναῖος ὀνομαζόμενος);
- Characterization: literary genre or profession of an author (e.g., comicus);
- Work: work titles (e.g., Πέρσαι);
- Sub Work: sub works (e.g., ἐν τῇ πρὸς Φιλόξενον Ἐπιστολῇ) or book numbers (e.g., ἐν τῇ λ' Ἱστοριῶν);
- Passage: work passages cited in the *Deipnosophists* (e.g., 268).

83 http://digitalathenaeus.org/tools/KaibelIndexScriptorum/dynamic_graph.php

Digital Athenaeus
G. Kaibel: Athenaei Naucraticae Dipnosophistarum libri 15 - Index Scriptorum

Insert one or more entry... OR

Where Name='DEMETRIVS' AND Ethnicon_1='ὁ Σκιόπειος'

| # | Name | Ethnicon 1 | Ethnicon 2 | Ethnicon 3 | Characterization | Note | Work | Sub Work | Note (Work) | Page(s) | Athenaeus Book | Caesarian Reference | Kaibel reference | Year | Assorted | Note (Reference) | Read Greek Text (Perrux) | Read Greek Text (Orsini/Leipzig) | Annotate with Perrux |
|------|-----------|-------------|------------|------------|------------------|------|----------|-----------|-------------|---------|----------------|---------------------|------------------|------|----------|------------------|--------------------------|----------------------------------|----------------------|
| 1347 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 3 | 4 | 1.1107 | 4.25 | | | | | 4.25 | 4.25 | 4.25 |
| 1348 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 3 | 4 | 4.1417 | 4.25 | VM | | | | 4.25 | 4.25 | 4.25 |
| 1349 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 3 | 14 | 14.530b | 14.75 | | | | | 14.75 | 14.75 | 14.75 |
| 1350 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 6 | 8 | 8.360b | 8.36 | | | | | 8.36 | 8.36 | 8.36 |
| 1351 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 6 | 8 | 8.366c | 8.36 | VM | | | | 8.36 | 8.36 | 8.36 |
| 1372 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 6 | 15 | 15.077c | 15.33 | | | | | 15.33 | 15.33 | 15.33 |
| 1373 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 6 | 15 | 15.077b | 15.33 | | | | | 15.33 | 15.33 | 15.33 |
| 1374 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 8 | 14 | 14.549a | 14.51 | | | | | 14.51 | 14.51 | 14.51 |
| 1375 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 7 | 4 | 4.155a | 4.42 | VM | | | | 4.42 | 4.42 | 4.42 |
| 1376 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 7 | 4 | 4.155b | 4.42 | | | | | 4.42 | 4.42 | 4.42 |
| 1377 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 8 | 3 | 1.804 | 3.19 | | | | | 3.19 | 3.19 | 3.19 |
| 1378 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 8 | 4 | 4.173f | 4.74 | | | | | 4.74 | 4.74 | 4.74 |
| 1379 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 31 | 7 | 7.309f | 7.51 | VM | | | | 7.51 | 7.51 | 7.51 |
| 1380 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 31 | 15 | 15.975b | 15.33 | | | | | 15.33 | 15.33 | 15.33 |
| 1381 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 14 | 4 | 4.175a | 4.74 | VM | | | | 4.74 | 4.74 | 4.74 |
| 1382 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 11 | 3 | 1.816 | 3.41 | | | | | 3.41 | 3.41 | 3.41 |
| 1383 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 38 | 10 | 10.425c | 10.23 | | | | | 10.23 | 10.23 | 10.23 |
| 1384 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 12 | 2 | 2.466 | 2.22 | | | | | 2.22 | 2.22 | 2.22 |
| 1385 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 73 | 4 | 4.197d | 4.43 | VM | | | | 4.43 | 4.43 | 4.43 |
| 1386 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 74 | 6 | 6.276d | 6.29 | | | | | 6.29 | 6.29 | 6.29 |
| 1387 | DEMETRIVS | ὁ Σκιόπειος | | | | | Tragicus | Ἐπιχίριον | D. 74 | 6 | 6.276e | 6.29 | VM | | | | 6.29 | 6.29 | 6.29 |

Figure 5.13. Kaibel, *Index Scriptorum*: Demetrius of Scepsis

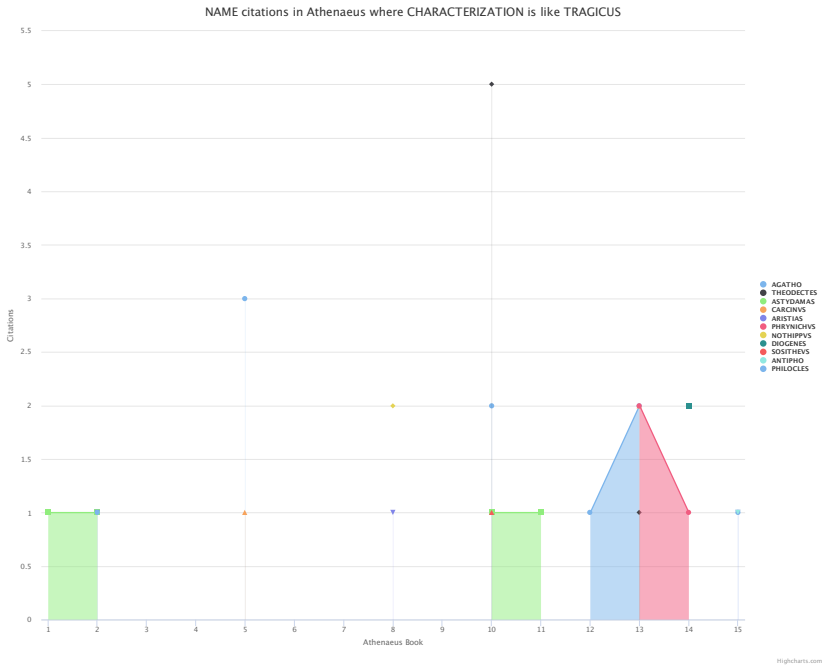


Figure 5.14. *Dynamic Graph (Kaibel, Index Scriptorum): tragicus*

The following are examples of filtered search results with their corresponding links to the *Dynamic Graph* of the *Index Scriptorum* of Kaibel: Work + Name (HOMERVS); Name + Characterization (tragicus) (fig. 5.14). Also in this case results of the *Dynamic Graph* are visualized through *Highcharts*, can be printed, and can be downloaded as a PNG image, JPEG image, PDF document and SVG vector image. It is also possible to hide/show graphs by selecting/deselecting entries in the list at the right of the chart, and visualize the number of occurrences in each book of the *Deipnosophists* by hovering the mouse over the selected book.⁸⁴

The *Digital Athenaeus* project provides scholars with a *Web API* with a JSON output of *Index Digger* queries of the *Index Scriptorum* of Kaibel.⁸⁵

api.php?what=<search string>&where=<search field>&exact=[yes:no]

Search fields of the Web API can be one of the following: name, ethnicon_1, ethnicon_2, ethnicon_3, characterization, note, work, sub_work, note_work, passage, book, casaubon_reference, kaibel_reference, note_reference. For example, if we want to visualize citations of Istros the Callimachean as they are collected and arranged by Kaibel in his index, we get the following result:⁸⁶

```
[
  {
    "Name": "ISTER",
    "Ethnicon_1": "",
    "Ethnicon_2": "",
    "Ethnicon_3": "",
    "Characterization": "ὁ Καλλιμάχειος (6.272b, 11.478b)",
    "Note": "",
    "Work": "ἐν ταῖς πρὸς Τιμαῖον Ἀντιγραφαῖς",
    "Sub_Work": "",
    "Note_Work": "",
    "Passage": "om. FHG",
    "Book": "6",
    "Casaubon_Reference": "6.272b",
    "Kaibel_Reference": "6.103",
    "Asterisk": "",
    "Note_Reference": "",
    "Is_Range": ""
  },
  {
    "Name": "ISTER",
    "Ethnicon_1": "",
    "Ethnicon_2": "",
```

84 Cf. fig. 5.12 for the *Index Scriptorum* of Meineke.

85 <http://digitalathenaues.org/tools/KaibelIndexScriptorum/api.php>

86 <http://digitalathenaues.org/tools/KaibelIndexScriptorum/api.php?what=ISTER&where=Name&exact=yes>

```

    "Ethnicon_3": "",
    "Characterization": "ὁ Καλλιμάχειος (6.272b, 11.478b)",
    "Note": "",
    "Work": "ἐν τοῖς Ἀργολικοῖς",
    "Sub_Work": "",
    "Note_Work": "",
    "Passage": "fr. 43",
    "Book": "14",
    "Casaubon_Reference": "14.650c",
    "Kaibel_Reference": "14.63",
    "Asterisk": "",
    "Note_Reference": "",
    "Is_Range": ""
  },
  {
    "Name": "ISTER",
    "Ethnicon_1": "",
    "Ethnicon_2": "",
    "Ethnicon_3": "",
    "Characterization": "ὁ Καλλιμάχειος (6.272b, 11.478b)",
    "Note": "",
    "Work": "τῶν Ἀττικῶν",
    "Sub_Work": "ἐν τῇ ἰδ'",
    "Note_Work": "",
    "Passage": "fr. 14",
    "Book": "13",
    "Casaubon_Reference": "13.557a",
    "Kaibel_Reference": "13.4",
    "Asterisk": "",
    "Note_Reference": "",
    "Is_Range": ""
  },
  {
    "Name": "ISTER",
    "Ethnicon_1": "",
    "Ethnicon_2": "",
    "Ethnicon_3": "",
    "Characterization": "ὁ Καλλιμάχειος (6.272b, 11.478b)",
    "Note": "",
    "Work": "ἐν τοῖς Ἀττικοῖς",
    "Sub_Work": "",
    "Note_Work": "",
    "Passage": "fr. 36",
    "Book": "3",
    "Casaubon_Reference": "3.74e",
    "Kaibel_Reference": "3.6",
    "Asterisk": "",
    "Note_Reference": "",
    "Is_Range": ""
  }

```

```

    },
    {
      "Name": "ISTER",
      "Ethnicon_1": "",
      "Ethnicon_2": "",
      "Ethnicon_3": "",
      "Characterization": "ὁ Καλλιμάχειος (6.272b, 11.478b)",
      "Note": "",
      "Work": "Πτολεμαῖος τῆς ἐν Αἴγυπτῳ πόλεως",
      "Sub_Work": "ἐν πρώτῳ",
      "Note_Work": "",
      "Passage": "fῤ. 38",
      "Book": "11",
      "Casaubon_Reference": "11.478b",
      "Kaibel_Reference": "11.55 and/or 11.56",
      "Asterisk": "",
      "Note_Reference": "",
      "Is_Range": ""
    },
    {
      "Name": "ISTER",
      "Ethnicon_1": "",
      "Ethnicon_2": "",
      "Ethnicon_3": "",
      "Characterization": "ὁ Καλλιμάχειος (6.272b, 11.478b)",
      "Note": "",
      "Work": "libri incerti",
      "Sub_Work": "",
      "Note_Work": "",
      "Passage": "om. FHG",
      "Book": "8",
      "Casaubon_Reference": "8.345d",
      "Kaibel_Reference": "8.35",
      "Asterisk": "",
      "Note_Reference": "",
      "Is_Range": ""
    }
  ]

```

The *Index Scriptorum* of Kaibel includes the following 751 unique expressions to refer to author names and their *ethnica* cited by Athenaeus in the *Deipnosophists*:⁸⁷

ACESIAS - ACHAEVS Eretriensis - ADAEVS Mitylanaeus - ADRASTVS - AEGIMIVS - AELIVS ASCLEPIADES - AESCHINES ὁ Κοθωκίδης - AESCHINES - AESCHRIO ὁ Σάμιος - AESCHYLIDES - AESCHYLVS - AESCHYLVS Alexandrinus - AESOPVS - AETHLIVS Samius

87 This data represents the language of Kaibel, has been extracted from the fields *Name*, *Ethnicon1*, *Ethnicon2*, and *Ethnicon3* of the database, and is arranged as in the *Index Scriptorum* of Kaibel.

- AGALLIS Corcyraea - AGATHARCHIDES Cnidius - AGATHOCLES Atracius - AGATHOCLES Cyzicenus Babylonius - AGATHO - AGELOCHVS - AGIAS Argivus - AGIAS - AGIS - AGLAOSTHENES Naxius - ALCAEVVS Mitylenaeus - ALCAEVVS - ALCETAS - ALCIDAMAS ὁ Ἐλαίτης - ALCIMVS ὁ Σικελιώτης - ALCIPHRO Magnes - ALCIPHRO ὁ Μαιάνδριος - ὁ τὴν ΑΛΚΜΑΙΩΝΙΔΑ ποιήσας - ALCMAN - ALEXAMENVS ὁ Τήσιος - ALEXANDER MAGNVS - ALEXANDER ὁ Αἰτωλός - ALEXANDER - ALEXANDER ὁ Μύνδιος - ALEXARCHVS - ALEXAS - ALEXINVS - ALEXIS - ALEXIS ὁ Σάμιος - †ΑΛΕΞΙΣΩΝ - AMARANTVS ὁ Ἀλεξανδρεὺς - AMERIAS ὁ Μακεδών - AMIPSIAS - AMMONIVS - AMPHICRATES - AMPHILOCHVS - AMPHIO ὁ Θεσπιεύς - AMPHIS - AMYNTAS - ANACREO Teius - ANANIVS - ANAXAGORAS - ANAXANDRIDES - ANAXILAS - ANAXIMANDER - ANAXIMENES ὁ Λαμψακηνός - ANAXIPPVS - ANDOCIDES - ANDREAS ὁ Πανορμίτης - ANDREAS - ANDRISCVS Naxius - ANDRO - ANDRO ὁ Ἀλεξανδρεὺς - ANDROCYNDES - ANDROSTHENES - ANDROTIO - ANICETVS - ANTHEAS ὁ Λίνδιος - ANTHIPPVS - ANTICLIDES ὁ Ἀθηναῖος - ANTIDOTVS - ANTIGONVS ὁ Καρύστιος - ANTIMACHVS ὁ Κολοφώνιος - ANTIOCHVS - ANTIOCHVS ὁ Ἀλεξανδρεὺς - ANTIPATER ὁ Ταρσεύς - ANTIPHANES - ANTIPHO - ANTISTHENES - APIO ὁ Ἀλεξανδρεὺς - APOLLAS - APOLLODORVS ὁ Ἀθηναῖος - APOLLODORVS Artamitenus - APOLLODORVS - APOLLODORI ὁ Γελῶς - APOLLODORI ὁ Καρύστεος - APOLLODORI incertum Geloii an Carystii - APOLLODORVS ὁ Κυρηναῖος - APOLLONIVS - APOLLONIVS ὁ Ῥόδιος ὁ Ναυκρατίτης - APOLLOPHANES - ARAROS - ARATVS - ARCHEDICVS - ARCHELAVS ὁ Χερροννησίτης - ARCHEMACHVS - ARCHESTRATVS ὁ Συρακόσιος ἢ Γελῶς - ARCHESTRATVS - ARCHILOCHVS - οἱ μετ' Ἀρχιλόχον ποιηταὶ - ARCHIMELVS - ARCHIPPVS - ARCHYTTAS - ARCTINVS - ARGAS - οἱ τὰ ΑΡΓΟΛΙΚΑ γράψαντες - ARIPHRO ὁ Σικυώνιος - ARISTAGORAS - ARISTARCHVS - ARISTEAS - ARISTIAS ὁ Φλ(ε)ιάσιος - ARISTIDES - ARISTIPPVS - ARISTO ὁ Κεῖος - ARISTOBVLVS ὁ Κασσανδρεὺς - ARISTOCLES - ARISTOCRATES - ARISTODEMVS - ARISTOGITO - ARISTOMENES - ARISTOMENES ὁ Ἀθηναῖος - ARISTONICVS - ARISTONYMVS - ARISTOPHANES - ARISTOPHANES ὁ Βυζάντιος - ARISTOPHANES Boeotus - ARISTOPHO - ARISTOTELES ὁ Σταγυρίτης - ARISTOXENVS - ARISTVS ὁ Σαλαμίνιος - ARMENIDES - ARTEMIDORVS ὁ Ἐφέσιος - ARTEMIDORVS - ARTEMO ὁ Κασσανδρεὺς - ASCLEPIADES ὁ Μυρλεανός - ASCLEPIADES Tragilensis - ASCLEPIADES - ASIVS ὁ Σάμιος - ASOPODORVS ὁ Φλ(ε)ιάσιος - ASPASIA - ASTYDAMAS - ATHANIS - ATHENAEVS Naucratis - ATHENIO - ATHENOCLES ὁ Κυζικηνός - ATHENODORVS - ATPEIDΩΝ ΚΑΘΟΔΟΣ - AVTOCRATES - AXIONICVS - AXIOPISTVS ὁ Λοκρὸς ὁ Σικυώνιος - BAETO - BACCHYLIDES - BASILIS - BATO ὁ Σινοπεύς - BATO - BEROSVS - BIO ὁ Βορυσθενίτης - BIO Solenais - BIO - BITO - BLAESVS - BOEOTVS - BOEVS - BOTHRYVS Messanius - CAECALVS Argivus - CAECILIVS - CALLIADES - CALLIAS - CALLIAS ὁ Ἀθηναῖος - CALLIAS ὁ Μιτυληναῖος - CALLIAS Syracusanus - CALLICRATES - CALLIMACHVS Cyrenaeanus - CALLINVS Ephesius - CALLIPPVS - CALLISTHENES - CALLISTRATA ἢ Λεσβία - CALLISTRATVS - CALLIXINVS ὁ Ῥόδιος - CANTHARVS - CAPITO ὁ Ἀλεξανδρεὺς - CARCINVS - CARYSTIVS ὁ Περγαμηνός - CASTORIO ὁ Σολεύς - CAVCALVS ὁ Χίος - CEPHALIO - CEPHALVS - CEPHISODORVS - CEPHISODORVS ὁ Θηβαῖος - CERCIDAS ὁ Μεγαλοπολίτης - CERCOPS ὁ Μιλήσιος - CHAEREAS - CHAER-

EMO - CHAEREPHO - CHAMAELEO ὁ Ποντικός ὁ Ἡρακλεώτης - CHARES ὁ Μιτυληναῖος -
 CHARICLES - CHARICLIDES - CHARO ὁ Λαμφακηρός - CHIONIDES - CHOERILVS Samius
 - CHOERILVS Iasensis - CHORONICVS - CHRYSIPPVS ὁ Σολεύς - CHRYSIPPVS ὁ Τυρανεύς
 - CHRYSOGONVS - CINESIAS - CLEANTHES - CLEARCHVS ὁ Σολεύς - CLEARCHVS -
 CLEOVLINA ἡ Λινδία - CLEOMENES ὁ Πηγῖνος - CLEOMENES - CLEOSTRATVS ὁ Τενέ-
 διος - CLIDEMVS - CLITARCHVS - CLITOMACHVS ὁ Καρχηδόνιος - CLYTVS ὁ Μιλήσιος -
 CORINNA - COTTA - CRATES - CRATES ὁ Θηβαῖος - CRATINVS - CREOPHYLVS - CRITIAS
 - CRITO - CROBYLVS - CTESIAS ὁ Κνίδιος - CTESIBIVS - CTESICLES - CYPRIAS ὁ Ἀλικαρ-
 νασσεύς - τὰ ΚΥΠΡΙΑ ΕΠΗ ὁ ποιήσας - DAIMACHVS - DAMO - DAMOXENVS - DEMADES
 - DEMARETE - DEMETRIVS ὁ Βυζάντιος - DEMETRIVS ὁ Ἰξίων - DEMETRIVS ὁ Μάγνης -
 DEMETRIVS ὁ Σκήψιος - DEMETRIVS ὁ Τροιζήνιος - DEMETRIVS ὁ Φαληρεύς - DEMETRIVS
 - DEMO - DEMOCHARES - DEMOCLIDES - DEMOCRITVS ὁ Ἐφέσιος - DEMODAMAS ὁ Ἀλι-
 καρνασσεύς ἢ Μιλήσιος - DEMONICVS - DEMOPHILVS - DEMOSTHENES ὁ Παιανιεύς - DER-
 CYLVS - DEXICRATES - DICAEOARCHVS ὁ Μεσσήνιος - DICAEOCLES ὁ Κνίδιος - DIDYMVS -
 DIEVCHES - DIEVCHIDAS - DINO - DINOLOCHVS - DIO - DIOCLES ὁ Καρύστιος - DIOCLES
 - DIOCLIDES ὁ Ἀβδηρίτης - DIODORVS - DIODORVS ὁ Σινοπεύς - DIODORVS ὁ Σικελιώ-
 τής - DIODOTVS Erythraeus - DIOGENES ὁ Βαβυλώνιος - DIOGENES - DIONYSIVS ὁ Θράξ
 - DIONYSIVS - DIONYSIVS ὁ Ἴτυκαῖος - DIONYSIVS ὁ Λεπτός - DIONYSIVS ὁ Λευκτρικός -
 DIONYSIVS ὁ Σάμιος - DIONYSIVS ὁ Σινοπεύς - DIONYSIVS ὁ Χαλκοῦς - DIONYSODOTVS
 ὁ Λάκων - DIOSCORIDES - DIOTIMVS - DIOTIMVS ὁ Ὀλυμπιηνός - DIOXIPPVS - DIPHILVS
 - DIPHILVS ὁ Λαοδικεύς - DIPHILVS ὁ Σίφνιος - DIYLLVS ὁ Ἀθηναῖος - DORIEVS - DORIO -
 DOROTHEVS - DOROTHEVS ὁ Ἀσκαλωνίτης ὁ Σιδώνιος - DOSIADAS - DRACO ὁ Κερκυραῖος
 - DROMO - DVRS ὁ Σάμιος - ECHEMENES - ECPHANTIDES - EMPEDOCLES - EMPEDVS -
 EPAENETVS - EPARCHIDES - EPHIPPVS ὁ Ὀλόνθιος - EPHIPPVS - EPHORVS - EPICHRMVS
 ὁ Συρακόσιος - EPICRATES ὁ Ἀμβρακιώτης - EPICVRVS - EPIGENES - EPIGRAMMATA - EPI-
 LYCVS - EPIMENIDES ὁ Κρής - EPINICVS - ERASISTRATVS ὁ Ἰουλιήτης - ERATOSTHENES
 ὁ Κυρηναῖος - ΕΡΓΕΙΑΣ ὁ Ῥόδιος - ERINNA - ERIPHANIS - ERIPHVS - ERXIAS - EVALCES
 - EVANGELVS - EVANTHES - EVBOEVS ὁ Πάριος - EVBVLVS - EVBVLIDES - EVCRATES -
 EVDOXVS ὁ Κνίδιος - EVENOR - EVENVS ὁ Πάριος - EVHEMERVS - EVMACHVS ὁ Κορυ-
 ραῖος - EVMACHVS ὁ Νεαπολίτης - EVMEDES - EVMELVS ὁ Κορίνθιος - EVMENES ὁ Καρ-
 διανός - EVMOLPVS - EVNICVS - ΕΥΠΑΤΡΙΑΔΩΝ - EVPHANTVS - EVPHORIO ὁ Χαλκιδεύς -
 EVPHRANOR - EVPHRO - EVPHRONIVS - EVPOLIS - EVRIPIDES - EVRYPYLVS - EVTHIAS -
 EVTHYCLES - EVTHYDEMVS - EVXITHEVS - GALENE ἡ Συμυρναία - GALENVS Pergamenus -
 GLAVCIAS - GLAVCIDES - GLAVCO - GLAVCVS ὁ Λοκρός - GNATHAENA - GORGAS ὁ Ἀθη-
 ναῖος - GORGO - HAGNOCLES ὁ Ῥόδιος - HAGNO - HANNONIS - HARMODIVS ὁ Πεπραάτης
 - HARPOCRATIO ὁ Μενδήσιος - HECATAEVS ὁ Μιλήσιος - HEDYLE - HEDYLVS ὁ Σάμιος
 ἢ Ἀθηναῖος - HEGEMO ὁ Θάσιος - HEGEMO - HEGESANDER ὁ Δελφός - HEGESIANAX ὁ
 Ἀλεξανδρεύς - HEGESIAS - HEGESIPPVS - HEGESIPPVS ὁ Ταρραντῖνος - HELIODORVS ὁ Ἀθη-
 ναῖος - HELLANICVS - HENIOCHVS - HEPHAESTIO - HERACLEO ὁ Ἐφέσιος - HERACLIDES
 ὁ Κυμαῖος - HERACLIDES ὁ Λέμβος - HERACLIDES ὁ Μοφεάτης - HERACLIDES ὁ Ποντικός -

HERACLIDAE δύο Συρακόσιοι - HERACLIDES ó Ταραντίνος - HERACLIDES - HERACLITVS - HERMESIANAX ó Κολοφώνιος - HERMIAS ó Κουριεύς - HERMIAS ó Μηθυμναίος - HERMIAS Σάμιος - HERMIAS fortasse Samius - HERMIPPVS - HERMIPPVS ó Συμυρναίος - HERMIPPVS ó Κυζικηνός - HERMOCLES - HERMONAX - HERODES ATTICVS - HERODIANVS - HERODICVS ó Βαβυλώνιος - HERODORVS ó Ἡρακλεώτης - HERODOTVS ó Ἀλικαρνασσεύς - HERODOTVS ó Λύκιος - HERONDAS - HEROPYTHVS - HESIODVS - HICESIVS - HIERONYMVS Cardianus - HIERONYMVS ó Ῥόδιος - HIPPIAS - HIPPARCHVS - HIPPASVS - HIPPIAS ó Ἐρυθραῖος - HIPPIAS - HIPPO - HIPPOCRATES - HIPPOLOCHVS ó Μακεδών - HIPPONAX - HIPPIVS ó Πηγῖνος - HOMERVS - HYBRIAS ó Κρής - HYPERIDES - HYPEROCHVS - IASO - IATROCLES - IBYCVS ó Πηγῖνος - IDOMENEVS - IO ó Χίος - ISIDORVS ó Χαρακηνός - ISOCRATES - ISTER - IVBA - LAMPROCLES - LAMYNTHIVS ó Μιλήσιος - LASVS ó Ἐριμονεύς - LEO - LEO ó Βυζάντιος - LEONIDAS ó Βυζάντιος - LESCHES - LEVCO - LICYMNIVS ó Χίος - LOCRICA - LYCEAS ó Ναυκρατίτης - LYCO ó Ἴασεύς - LYCOPHRO ó Χαλκιδεύς - LYCOPHRONIDES - LYCVRGVS - LYCVS - LYNCEVS ó Σάμιος - LYSANIAS ó Κυρηναῖος - LYSIAS - LYSIMACHVS - LYSIPPVS - MACAREVS - MACHO ó Σικυώνιος ἢ Κορίνθιος - MAEANDRIVS - MAGNES - MALACVS - MARSYAS Pellaeus? - MARSYAS Philippensis? - MATREAS - MATRIS fort. Thebanus - MATRO ó Πιτταναῖος - MEGACLES - MEGACLIDES - MEGASTHENES - MELANIPPIDES ó Μήλιος - MELANTHIVS - MELEAGER ó Γαδαρεύς - MENAECHEMVS ó Σικυώνιος - MENANDER - MENECLAS ó Βαρκαῖος - MENESTHENES - MENETOR - MENIPPVS - MENODORVS - MENODOTVS ó Σάμιος - METAGENES - METROBIVS - METRODORVS ó Σκήψιος - METRODORVS ó Χίος - METRODORVS - MIMNERMVS - MITHAECVS Siculus - MNASALCAS ó Σικυώνιος - MNASEAS ó Λοκρὸς ἢ Κολοφώνιος - MNASEAS ó Πατρεύς - MNESIMACHVS - MNESIP-TOLEMVS - MNESITHEVS ó Ἀθηναῖος - MOCHVS - MOERO ἢ Βυζαντία - MOLPIS ó Λάκων - MOSCHINA ἢ Ἀττική - MOSCHIO - MOSCHVS - MYRO ó Πριηνεύς - MYRSILVS - NAVSICRATES - NEANTHES ó Κυζικηνός - NEOCLES ó Κροτωνιάτης - NEOPTOLEMVS ó Παριανός - NESIOTES - NESTOR - NICAENETVS ó Σάμιος ἢ Ἀβδηρίτης - NICANDER ó Θυατειρηνός - NICANDER ó Καλχηδόνιος - NICANDER ó Κολοφώνιος - NICANOR ó Κυρηναῖος - NICIAS ó Νικαεύς - NICIAS - NICO - NICO ἢ Σαμία - NICOBVLE - NICOCHARES - NICOCLES ó Λάκων - NICOLAVS ó Δαμασκηνός - NICOMACHVS - NICOMEDES ó Ἀκάνθιος - NICOMEDES - NICOPHO - NICOSTRATVS - NOTHIPVS - NVMENIVS ó Ἡρακλεώτης - NYMPHIS ó Ἡρακλεώτης - NYMPHODORVS ó Συρακόσιος - OLYMPIAS - OPHELIO - OPPIANVS ó Κίλιξ - οἱ ΟΨΑΡΤΥΤΙΚΑ συνθέντες - ORACVLA DELPHICA - PAMPHILVS ó Σικελός - PAMPHILVS ó Ἀλεξανδρεύς - PANAETIVS ó Ῥόδιος - PANCRATES Aegyptius - PANCRATES ó Ἄρκας - PANYAS(S)IS - PARMENIO - PARMENISCVS - PARMENO ó Βυζάντιος - PARMENO ó Ῥόδιος - PARMEN(I)O - PARRHASIVS - PARTHENIVS - PAXAMVS - PERIANDER ó Κορίνθιος - PERSAEVS ó Κιτιεύς - PHAEDIMVS - PHAENIAS ó Ἐρέσιος - ΦΑΙΤΟΣ - PHALAEVCVS - PHANOCRITVS - PHANODEMVS - PHERECRATES - PHERECYDES - PHERENICVS ó Ἡρακλεώτης - PHILAENIS ἢ Λευκαδία - PHILEMO - PHILEMO ó Ἀθηναῖος - PHILETAERVS - PHILETAS ó Κῶος - PHILINVS - PHILIPPIDES - PHILIPPVS - PHILIPPVS ó Θεαργελεύς - PHILISCVS - PHILISTIO ó Λοκρὸς - PHILLIS ó Δῆλιος - PHILO - PHILO Nicomedensis? - PHILOCHORVS -

PHILOCLÉS - PHILOCRATES - PHILOMNESTVS - PHILONIDES - PHILOSTEPHANVS ὁ Κυρηναῖος - PHILOTIMVS - PHILOXENVS - PHILOXENVS ὁ Κυθήριος - PHILOXENVS ὁ Λευκάδιος - PHYLILLIVS - PHOCYLIDES - PHOENICIDES - PHOENIX ὁ Κολοφώνιος - PHORMVS - PHRYNICHVS - PHRYNIS - PHYLARCHVS ὁ Ἀθηναῖος ἢ Ναυκρατίτης - PHYLARCHVS - PHYLOTIMVS - PINDARVS - PISANDER - PLATO - PLISTONICVS - PLVTARCHVS - POLEMARCHVS - POLEMO ὁ εἶτε Σάμιος ἢ Σικυώνιος εἶτ' Ἀθηναῖος ὀνομαζόμενος - POLIOCHVS - POLYBIVS ὁ Μεγαλοπολίτης - POLYCHARMVS ὁ Ναυκρατίτης - POLYCHARMVS - POLYCLETVS ὁ Λαρισσαῖος - POLYCRATES - POLYDEVCEVS ὁ Παριανός - POLYZELVS - POSIDIPPVS - POSIDONIVS ὁ Ἀπαμεύς ὕστερον δὲ Ῥόδιος χρηματίσας - POSIDONIVS ὁ Κορίνθιος - POSISIS ὁ Μάγνης - PRATINAS ὁ Φλ(ε)ιάσιος - PRAXAGORAS ὁ Κῶος - PRAXILLA ἢ Σικυωνία - PRAXITELES - PROMATHIDAS ὁ Ἡρακλεώτης - PROTAGORIDES ὁ Κυζικηνός - PROVERBIA - PROXENVS - PTOLEMAEVVS ὁ Μεγαλοπολίτης - PTOLEMAEVVS - PYLADES - PYRES ὁ Μιλήσιος - PYRGIO - PYRRHANDER - PYTHAENETVS - PYTHAGORAE - PYTHAGORAS - PYTHEAS - PYTHEAS ὁ Φιγαλεύς - PYTHERMVS ὁ Ἐφέσιος - PYTHERMVS ὁ Τήριος - PYTHO ὁ Καταναῖος ἢ Βυζάντιος - PYTHONICVS ὁ Ἀθηναῖος - QVINTILII fratres - RHIANVS - RHINTO - RVTILIVS - SALPE ἢ Λεσβία - SANCHVNIATHON - SANNYRIO - SAPPHO - SATYRVS - SCAMO - SCIRAS ὁ Ταραντῖνος - SCOLIA ADESPOTA⁸⁸ - SCYLAX - SCYTHINVS ὁ Τήριος - SELEVCVS - SELEVCVS ὁ Ταρσεύς - SEMVS ὁ Δήλιος - ΣΙΚΥΩΝΙΑ (ΑΝΑΓΡΑΦΗ) - SILENVS - SILENVS ὁ Καλλατιανός - SIMARISTVS - SIM(M)IAS ὁ Ῥόδιος - SIMONIDES ὁ Ἀμόργιος - SIMONIDES ὁ Κεῖος - SIMVS ὁ Μάγνης - SIRO ὁ Σολεύς - SOCRATES - SOCRATES ὁ Ῥόδιος - SOLO - SOPATER ὁ Πάριος inde ὁ Φάκιος - SOPHILVS - SOPHOCLES - SOPHRO - SOSIBIVS ὁ Λάκων - SOSICRATES - SOSICRATES (Rhodius) - SOSICRATES ὁ Φαναγορείτης - SOSIPATER - SOSIPPVS - SOSITHEVS - SOSTRATVS - SOTADES - SOTADES Maronita - SOTIO ὁ Ἀλεξανδρεὺς - SPEVSIPPVS - SPHAERVS - SPHODRIAS - STAPHYLVS Naucratica - STASINVS - THENELVS - STEPHANVS - STESICHORVS - STESIMBROTVS ὁ Θάσιος - STILPO - STRABO - STRATO - STRATTIS - SVLLA - TEΛXINIAKH ΙΣΤΟΡΙΑ - TELECLIDES - TELENICVS ὁ Βυζάντιος - TELEPHANES - TELESILLA ἢ Ἀργεῖα - TELESTES ὁ Σελινούσιος - TENARVS - TERPSICLES - TERPSIO - TEVCER - THALETAS - ΘΗΒΑΙΣ - THEMISO - THEMISTAGORAS ὁ Ἐφέσιος - THEOCLES - THEOCRITVS ὁ Συρακόσιος - THEODECTES ὁ Φασηλίτης - THEODORIDAS ὁ Συρακόσιος - THEODORVS - THEODORVS ὁ Ἱεραπολίτης - THEOGNETVS - THEOGNIS ὁ Μεγαρεύς - THEOGNIS - THEOLYTVS ὁ Μηθυμναῖος - THEOPHILVS - THEOPHRASTVS ὁ Ἐφέσιος - THEOPOMPVS - THEOPOMPVS ὁ Χίος - THEOPOMPVS ὁ Κολοφώνιος - THRASYMACHVS ὁ Χαλκηδόνιος - THVCYDIDES - TIMACHIDAS ὁ Ῥόδιος - TIMAEVVS ὁ Ταυρομενίτης - TIMARCHVS - TIMO ὁ Φλ(ε)ιάσιος - TIMOCLES - TIMOCRATES ὁ Λάκων - TIMOMACHVS - TIMOTHEVS - TIMOTHEVS ὁ Μιλήσιος - TITANOMAXIA - TITVLI PVBLICI - TRYPHO ὁ Ἀλεξανδρεὺς - VARRO - XANTHVS ὁ Λυδός - XANTHVS - XENARCHVS - XENOCRATES ὁ Χαλκηδόνιος - XENODEMVS - XENOPHANES ὁ Κολοφώνιος - XENOPHO - ZENIS ὁ Χίος - ZENO ὁ Κιτιεύς - ZENODOTVS - ZENOPHANES - INCERTI.

88 This form, like others in this list, is treated as a main entry in the *Index Scriptorum* of Kaibel.

The following 1,947 Greek and Latin unique expressions have been extracted from the *Index Scriptorum* of Kaibel as referring to work titles:⁸⁹

Ὀψαρτυτικά - Ἄθλα - Αἶθων σατυρικός - Ἀλκμαίων σατυρικός - Ἡφαιστος - Τρις σατυρική - Κύκνος - Λίνος - Μοῖραι - Ὀμφάλη - *fab. inc.* - ἐν τοῖς περὶ Διαθέσεως - ἐν τῷ περὶ Ἀγαλματοποιῶν - πέντε βιβλία Περὶ τῶν παρὰ Θεοφράστῳ ἐν τοῖς περὶ Ἠθῶν, καθ' ἰστορίαν καὶ λέξιν ζητουμένων, ἕκτον δὲ Περὶ τῶν ἐν τοῖς Ἠθικοῖς Νικομαχείοις Ἀριστοτέλους - Πλακουντοποικὸν σύγγραμμα - ἐκ τῶν ἐπιγραφομένων Στεφάνων - ἐν τῷ κατὰ Τιμάρχου λόγῳ - Ctesiphont. - *de dialogis eius* - ἐν Ἀλκιβιάδῃ - ἐν τῷ Ἀξιόχῳ - ἐν τῇ Ἀσπασίᾳ - Καλλιᾶς - ἐν τῷ Τηλαυγεί - ἐν τινι τῶν Ἰάμβων - Γεωργικῶν - Ἀγαμέμνων - Ἀθάμας - Ἀμυμώνη - Γλαῦκος Πόντιος - Δαναίδες - Ἠδωνοί - Ἠλιάδες - Θεωροί - Ἰξίων - Κάβιροι - Κρηῆσαι - Λυκοῦργος - Μυρμιδόνες - Νεανίσκοι - Ὀστολόγοι - Παλαμήδης - Περραιβίδες - Πέρσαι - Προμηθεὺς Δεσμώτης - Προμηθεὺς Λυόμενος - Πρωτεὺς σατυρικός - Σφίγξ - Φιλοκτῆτης - Φινεύς - Φορκίδες - Φρύγες - *fab. incert.* - Aeschyli epitaphium ab ipso scriptum - Ἀμφιτρύων - Μεσσηνιακὰ Ἐπι-interrogatio Apollinis Pythii - Σαμίων Ὄρων - libri incerti - Ἀσιατικά - Εὐρωπαϊκά - Ἀλευτικά - περὶ Κυζίκου - Θυέστης - Τήλεφος - ἐν Ἀργολικοῖς - Ἰλίου Περσίς - *sedis incertae* - Alcaei scolia - Ἀδελφαὶ Μοιχευόμεναι - Γανυμήδης - Ἰερὸς Γάμος - Καλλιστώ - Παλαιστρα - Παλαιστραι - Περί τῶν ἐν Δελφοῖς ἀναθημάτων - Ἐγκώμιον Ναιῶδος τῆς ἐταίρας - ἐν τοῖς Σικελικοῖς - ἐν τῇ ἐπιγραφομένῃ τῶν βιβλίων Ἰταλικῇ - ἄσματα - Alcmanis fortasse carmen - Διάλογοι - Ἀγὴν σατυρικός - ἐν ταῖς Ἐπιστολαῖς ταῖς πρὸς τοὺς ἐν Ἀσίᾳ σατράπας - *De epistulario Alexandri et familiarium* - ἐν Ἀλιεῖ - ἐν Κρίκᾳ - Ἐλεγεῖον - Ἰωνικὰ ποιήματα - Πότος - Τυγόνιον - περὶ Ζῶων - περὶ Πτηνῶν Ζῶων - περὶ τῆς τῶν Πτηνῶν ἱστορίας - Πτηνῶν ἱστορίας - *ad Casandrenses epistula* - Παϊάν εἰς Κρατερὸν τὸν Μακεδόνα - ἐν τῷ περὶ Αὐταρχείας - Ὄρων Σαμιακῶν - Ἀγωνίς ἢ Ἰππίσκος - ἐν Ἰππίσκῳ - Ἀδελφοί - Αἰσωπος - Ἀλείπτρια - Ἄντεια - Ἀπεγλαυκωμένος - Ἀποβάτης - Ἀποκοπτόμενος - Ἀποκοπτομένη - Ἀρχίλοχος - Ἀσκληπιοκλείδης - Ἀσωτοδιδάσκαλος - Ἄτθις - Βρεττία - Γαλάτεια - Γραφή - Γυναικοκρατία - Δακτύλιος - Δημήτριος ἢ Φιλέταιρος - ἐκ τοῦ διεσκευασμένου δράματος ὃ ἐπιγράφεται Δημήτριος - ἐν Δημητρίῳ - Δίδυμοι - Δίς Πενθῶν - Δορκίς ἢ Ποππύζουσα - ἐν Ῥοδίῳ ἢ Ποππυζούση - Δρωπίδης - Εἰσοικιζόμενος - Εἰς τὸ φρέαρ - Ἐκκηρυττόμενος - Ἐκπωματοποιός - Ἐλένη - Ἐλληνίς - Ἐπίδαυρος - Ἐπικλήρος - Ἐπίτροπος - Ἐπτὰ ἐπὶ Θήβαις - Ἐρετρικός - Ἐριθιοί - Ἡσιόνη - Θεοφόρητος - Θεσπρωτοί - Θράσων - Ἰπτεύς - ἐν Ἰππῳ - Ἰππίσκος - Ἰσοστάσιον - Καταψευδόμενος - Κλεοβουλὴν - Κνιδία - Κονιάτης - Κουρίς - Κράτεια ἢ Φαρμακοπώλης - ἐν Φαρμακοπώλῃ ἢ Κρατεία - ἐν Κρατεία - Κυβερνήτης - Κυβευταί - Κύπριος - Λαμπάς - Λέβης - ἐν Λεβητίῳ - Λευκαδία ἢ Δραπέται - ἐν Λευκαδίᾳ - Λεύκη - Λοκροί - Λυκίσκος - Μανδραγοριζομένη - Μίνως - Μάντεις - Μίδων - Μιλησία - ἐν Μιλησίοις - Μίλκων - Μνηστήρες - Ὀδυσσεὺς Ὑφραίων - Ὀλύθνιοι - ἐν Ὀλύθνίῳ - Ὀμοία - Ὀπώρα *fabula* - Ὀρέστης - Ὀρχηστρίς - Παγκρατιαστής - Παμφίλη - Παννουχίς ἢ Ἐριθιοί - ἐν Παννουχίδι - Ἐριθιοί - Παράστος - Ποιητής - ἐν Ποιηταῖς - Πολύκλεια - Πονήρα - Ποντικός - Πρωτόχορος - Πυθαγορίζουσα - Πυλαῖαι - Πύραυρος - Σκίρων -

89 This list is arranged according to the order in which these expressions appear in the *Index Scriptorum* of Kaibel, and data has been extracted from the database field *work* of the digital version of the index.

Στρατιώτης - Συναποθνήσκοντες - Συντρέχοντες - Σύντροφοι - Σώρακοι - Ταραντινοί - Τίτθη
 - Τοκιστής ἢ Καταψευδομένος - ἐν Καταψευδομένῳ - Τραυματίας - Τροφώνιος - Τυνδάρειος
 - Ὑπνος - Ὑποβολμαῖος - Φαῖδρος - Φαῖδων ἢ Φαιδρίας - Φιλίσκος - Φιλόκαλος ἢ Νύμφαι -
 Φιλοῦσα - Φρύξ - ἐν τῇ τοῦ Φρυγίου διασκευῇ - Φυγᾶς - Χορηγίς - Ψευδόμενος - ἐν τῷ περὶ
 Αὐλῶν - ἐν τοῖς περὶ Σκηνης - ἐν ταῖς Γλώσσαις - ἐν τῷ Ῥιζοτομικῷ - Ἀποκοτταβίζοντες -
 Κατεσθίων - Κόννος - Σφενδόνη - Περὶ βωμῶν καὶ θυσιῶν - Περὶ τῶν Ἀθήνησιν ἐταυρίδων - ἐν
 τῷ Περὶ ἐνδόξων ἀνδρῶν συγγράμματι - Περὶ τοῦ ἐν Ἐλικῶν Μουσείου - Βαλανεῖον - Γυναι-
 κομανία - Διθύραμβος - Ἰάλεμος - Λευκάς - Ὀδυσσεύς - Οὐρανός - Πάν - Πλάνος - Φιλάδελφοί
 - Φιλέταιρος - τῶν τῆς Ἀσίας Σταθμῶν - Σταθμῶν - ἐν Σταθμοῖς Περσικοῖς - ἐν τοῖς Σταθμοῖς
 - τῶν Μελῶν - Anacreontis scolia - ἐν τοῖς Φυσικοῖς - Ἀγροῖκοι - Ἀγχίσις - Αἰσχρά - Ἀντέρως -
 Γερωντομανία - Ἡρακλῆς - Θησαυρός - Κέρκιος - Κυνηγέται - Νηρεὺς - Νηρηίδες - Ὀπλομάχος
 - Πάνδαρος - Πόλις - Πρωτεσίλαος - Σαμία - Σατυρίας - Τηρεὺς - Ὑβρις - Φαρμακόμαντις -
 Φιαληφόρος - *fab incert.* - Διθύραμβον ἐδίδασκεν Ἀθήνησιν - Αὐλητής - Εὐάνδρια - Καλυψῶ -
 Κίρκη - Λυροποιοὺς - Μάγειροι - Μονότροπος - Νεοττίς - Ὀρνητοκόμοι - Πλούσιοι - Ὑάκινθος
 Πορνοβοσκός - ἐν Ὑακίνθῳ - Χάριτες - Χρυσοχόος - ἐν τῇ Ἡρωολογίᾳ - ἐν ταῖς Πρώταις ἐπι-
 γραφομέναις Ἱστορίαις - ἐν τῷ ἐπιγραφομένῳ Βασιλέων Μεταλλαγᾷ - *incertae sedis - oratio*
in Phrygna - Ἐγκαλυπτόμενος - Κεραυνός - ἐν Κεραυνομένῳ - Κιθαρωδός - Φρέαρ - ἐν τῷ
 κατὰ Ἀλκιβιάδου - τῶν Συκελικῶν τῶν κατὰ πόλιν - ἐν τῷ περὶ Δακέτων - ἐν τῷ Περὶ τῶν
 ψευδῶς πεπιστευμένων - *incerti libri - Naxiacorum* - ἐν τοῖς Χρονικοῖς - ἐν τῷ τῆς Ἰνδικῆς
 Παράπλῳ - *Atthidis* - ἐν τῷ περὶ Γεωργικῶν - ἐν τῷ Γεωργικῷ - ἐν τῷ Ἐξηγητικῷ - Νόστοι -
 Μεμφίμοιρος - Βίος - ἐν Ἀντιπάρῳ - ἐν τῷ περὶ τοῦ Διονυσίου βίου τοῦ Ἡρακλεῶτου τοῦ
 ἐπικληθέντος Μεταθεμένου - ἐν τῷ Ζήνωνος Βίῳ - ἐν τῷ περὶ τοῦ Ζήνωνος βίου - ἐν τῷ περὶ
 Ζήνωνος - ἐν τῷ Μενεδήμου Βίῳ - ἐν τῷ περὶ Λέξεως - ἐν τοῖς ἐπιγραφομένοις Δέλτοις -
 Θηβαῖς - Λυδῇ - *Epistula ad Phaniam* - ἐν τῷ Περὶ τῶν ἐν τῇ μέσῃ κωμῳδίᾳ κωμωδομένων
 ποιητῶν - περὶ Δεισιδαιμονίας - περὶ Ὀργῆς - Ἀγροῖκος - ἐν Ἀγροῖκοις - ἐν Ἀγροικίαις - Αἰόλος
 - Ἀκέστρια - Ἀκοντιζομένη - Ἀλιευομένη - Ἀλκηστις - Ἀνταῖος - Ἀργυρίου Ἀφανισμός - Ἀρκάς
 - ἐν Ἀρκαδίᾳ - Ἀρπαζομένη - Ἀρχιστράτη - Ἄρχων - Ἀσκληπιός - Αὐλητρίς ἢ Δίδυμαι - Αὐτοῦ
 Ἐρῶν - ἐν Ἐαυτοῦ Ἐρῶντι - Ἀφροδίσιον - Ἀφροδίτης Γοναί - Βάχχαι - Βοιώτιον - ἐν Βοιω-
 τία - Βομβυλῖος - Βούσειρις - Βουταλίων - Γάμος - ἐν Γάμοις - Γόργυθος - Δευκαλίων - Δηλία
 - Διπλάσιοι - Δραπεταγωγός - Δυσέρωτες - Δύσπρατος - Δωδώνη - Εὐθύδικος - Ζάκυνθος -
 Θαμυράς - Θορίκοι ἢ Διορύττων - Ἰατρός - Ἰππῆς - Κανεύς - Κάρες - Καρίνη - Κηπουρός -
 Κιθαριστής - Κλεοφάνης - Κνωιθιδεύς ἢ Γάστρων - ἐν Κνωιθιδεῖ - Κορινθία - Κύκλωψ - Κώ-
 ρυκος - Λάμπων - Λεπτινίσκος - Λεωνίδης - Λήμνιοι - Λυδός - Λύκων - Μελανίων - Μέτοικος
 - Μητραγύρτης - Μισοπόνθηρος - Μνήματα - Μοιχοί - Μύστις - Οἰνόμαος ἢ Πέλοψ - Ὅμοιοι -
 Ὅμοπάτριοι - Ὅμωνομοι - Παιδεραστής - Παρεχιδιδομένη - Παροιμία - Ποίσις - Προβατεύς
 - Πρόβλημα - Πρόγονοι - Σαπφῶ - Σκληρία? - Σκύθης - Στρατιώτης ἢ Τύχων - ἐν Στρατι-
 ώτῃ - Τίμων - Τριταγωνιστής - Τυρρηνός - Ὑδρία - Φιλοθήβαιοι - Φιλομήτωρ - Φιλοπάτωρ -
 Φιλῶτις - Φρεάρριος - Χρυσίς - ἐν τῷ περὶ Ἐταυρῶν - ἐν τῷ κατὰ Ἀλκιβιάδου λοιδορίας -
 λόγος ἔχων ἐπίγραμμα περὶ Ταῶν - ἐν τῷ Πολιτικῷ - Γεωργικά - Ἀρχέλαος - Ἀσπασία - ἐν
 θατέρῳ τῶν Κύρων - Πολιτικὸς διάλογος - *Protrepticus* - Σάθων - Φυσιογνωμονικός - ἐν τῷ

Περὶ τῆς Ἀπικίου τρουφῆς - ἐν τῷ Περὶ τῆς Ῥωμαικῆς διαλέκτου - ἐν τῷ Περὶ τῶν ἐν Πελοποννήσῳ πόλεων - ἐν τῇ πρὸς τὴν Ἀριστοκλέους Ἐπιστολῇ Ἀντιγραφῇ - Ἄττικαὶ Γλῶσσαι - ἐν τῷ Περὶ τῶν Ἀθῆνσιν ἑταιρίδων - τῶν Ἐτυμολογουμένων - Ἐτυμολογιῶν - ἐν τῷ περὶ Ἐτυμολογιῶν - ἐν τοῖς περὶ Θεῶν - περὶ Νεῶν Καταλόγου - περὶ Σώφρονος τῷ εἰς τοὺς Ἀνδρείους Μίμους - ἐν τοῖς περὶ Σώφρονος - † ἐν τῷ περὶ τοῦ Κρατῆρος ῥησιδῶ - *incertum ad Glossas an ad Etymologumena referenda* - Παρθικῶν - Ἀπολιποῦσα - Φιλάδελφοι ἢ Ἀποκαρτερῶν - Γραμματειδιοποιός - Ἰέρεια - Προικιζομένη - Σφαττομένη - ἐν τῷ περὶ Θηρίων - ἐν τῷ περὶ Μύρων καὶ Στεφάνων - *causam dixit κατὰ Νεαίρας* - ἐν τῷ περὶ Μύρων - *Argonautica* - ἐν *Ναυκράτεως Κτίσει* - ἐν τῷ περὶ Ἀρχιλόχου - ἔγραψε περὶ τῶν τοῦ πατρὸς ποιημάτων σύγγραμμα - ὁ περὶ τούτων (*i.e. de conviviis Aegyptiorum*) γεγραφώς - ἐν *Τριηρικῶν* - Δαλῖς - Κρητες - ἐν τῷ Ἀρίστωνι - Ἄδωνις - Καμπυλίων - Ἀραρῶς ἢ Εὐβουλος ἐν *Καμπυλίωνι* - Πανὸς Γοναί - Ὑμέναιος - Διαμαρτάνων - ἐν τοῖς Ἰάμβοις - ἐν Ἰδιοφύσειν - ἐν τῇ γ' Εὐβοικῶν - *Γαστρολογία* - *Γαστρονομία* - *Δειπνολογία* - Ἡδυπάθεια - Ὀσφοποιία - Ἀρχεστράτεια δόγματα - *scripsit δύο βιβλία περὶ Αὐλητῶν* - ἐν *Ἐλεγείοις* - *Iamborum* - ἐν *Τετραμέτροις* - *Erodogum* - Ἐπίγραμμα - ἐν δευτέρῳ Ἀμφιτρύωνι - Ἡρακλῆς Γαμῶν - Ἰχθύες - Ῥίων - *scripsit περὶ Αὐλῶν* - *scripsit Ὀψαρτυτικά* - Παιῶν εἰς τὴν Ὑγίαιαν - Μαμμάκυθος - ἐξηγούμενος *Anacreontem* - ἐξηγούμενος *Ionis tragoedias* - *ad Homerum* - *incerti loci* - ἐν τῷ περὶ *Κιθαρωδῶν* - *Κῆρες* - *Cyclopiis* - περὶ *Παροιμῶν* - *eius dogmata* - Ἐρωτικῶν Ὁμοίων - τὰ κατ' Ἀλέξανδρον - Ἱστορίαι - ἐν τῷ περὶ *Μουσικῆς* - περὶ *Χορῶν* - ἐν τῷ περὶ *Χορῶν* - Ἐπιστολή - *Λακωνικῶν* - *Γελοίων* Ἀπομνημονευμάτων - ἐν τοῖς *Γελοίοις* Ἀπομν. - περὶ *Πινδάρου* - ἐν τῷ κατὰ *Φρύνης* λόγῳ - *Γόητες* - *Διώνυσος* - *Τῶν πρὸς τὰς ἱερουργίας* - Ἥλιος Ῥιγῶν - *Θησεύς* - *Αἰολοσίκων* - *Αἰολοσίκων* δευτέρῳ - Ἀμφιάραος - Ἀνάγυρος - Ἀχαρνῆς - *Βαβυλώνιοι* - *Βάτραχοι* - *Γεωργοί* - *Γῆρας* - *Γηρυτάδης* - *Δαίδαλος* - *Δαιταλῆς* - *Δράματα* ἢ *Νίοβος* - ἐν *Δράμασιν* - ἐν δευτέρῳ *Νιόβῳ* - *Εἰρήνη* - *Ἐκκλησιάζουσαι* - Ἥρωες - *Θεσμοφοριάζουσαι* - *Θεσμοφοριάζουσαι β'* - ἐν *Θεσμοφοριαζούσαις* - *Κένταυρος* - *Κώκαλος* - *Λυσιστράτη* - *Νεφέλαι* - *Νεφέλαι* δευτέραι - ἐν ταῖς *προτέραις* *Νεφέλαις* - ἐν *Νεφέλαις* - *Νῆσοι* - *Νίοβος* - Ὀλκάδες - Ὀρυνθες - *Πελαργοί* - *Πλοῦτος* δευτέρος - ἐν *Πλοῦτῳ* - *Προαγῶν* - *Σκευαί* - *Σκηναὶς* *Καταλαμβάνουσαι* - *Σφήκες* - *Ταγηνισταί* - *Τελμησῆς* - *Τριφάλης* - *Φοίνισσαι* - Ὠραι - ἐν Ἀττικαῖς *Λέξεσιν* - ἐν τῷ περὶ τῆς Ἀχρυνμένης *Σκυτάλης* - ἐν τῷ περὶ Ἡλικίων - ἐν τοῖς πρὸς τοὺς *Καλλιμάχου Πίνακας* - ἐν *Λακωνικαῖς* *Γλῶσσαις* - ἐν τῷ περὶ *Προσώπων* - *Καλλονίδης* - *Πειρίθους* - *Πλάτων* - *Πυθαγοριστής* - *Φιλωνίδης* - ἐν τῇ *Ἀπολογία* τῆς ἀσεβείας - εἰς Ἐρμεῖαν τὸν Ἀταρνέα *carmen* - Ἐρωτικῶν - ἐν τῷ περὶ *Εὐγενείας* - *Ζῶων Ἱστορίας* - ἐν τοῖς (s. τῷ) περὶ *Ζῶων* (s. *Ζωικῶν*) - ἐν τῷ ἐπιγραφομένῳ *Ζωικῶ* ἢ περὶ *Ἰχθύων* - ἐν τῷ περὶ *Ζωικῶν* ἢ *Ἰχθύων* - ἐν τῷ περὶ *Σῶων* καὶ *Ἰχθύων* - ἐν τῷ περὶ *Ἰχθύων* - ἐν τῷ περὶ *Ζῶων* ἢ περὶ *Ἰχθύων* - ἐν τῷ περὶ *Ἰχθύων* ἢ *Ζωικῶν* - ἐν τῷ περὶ *Ζῶων* Ἡθῶν καὶ *Βίων* - (περὶ) *Ζῶων* *Μορίων* vel *Μορίων* (om. *Ζῶων*) - ἐν τοῖς *Θαυμασιόσις* - ἐν τῷ περὶ *Μέθης* - *Meteorol.* - *Νόμιμα* *Τυρρηγῶν* - *Νόμοι* *Συμποτικοί* - *Βασιλικοὶ* *Νόμοι* - ἐν τῷ περὶ *Ποιητῶν* - *Πολιτεῖαι* - ἐν τῇ *Κολοφωνίων* *Πολιτεῖα* - *Προβλήματα* *Φυσικά* - *Rhetor. ad Alex.* - *Συμπόσιον* - *Ἵπομνήματα* *Ἱστορικά* - ἐν τῷ περὶ *Φύτων* - *Aristotelea varia* - ἐν τῷ Ἀρχύτα *Βίῳ* - † ἐν τοῖς περὶ *Αὐλητῶν* ἢ ἐν τοῖς περὶ *Αὐλῶν* ἢ Ὀργάνων - περὶ *Αὐλῶν* *Τρήσεως* - περὶ *Μουσικῆς* - *Πολιτικῶν* *Νόμων* - *Συγκρίσεων* - ἐν τοῖς *Συμμίκτοις* *Συμποτικοῖς*

- ἐν τοῖς κατὰ βραχὺ Ὑπομνήμασιν - τῶν Γεωγραφουμένων - ἐν Ἴωνικοῖς Ὑπομνήμασιν - περὶ Δωρίδος - Ὀφαρτυτικαὶ Λέξεις - ἐν ταῖς Ὀφαρτυτικαῖς Γλώσσαις - ἐν τῷ Περὶ συναγωγῆς βιβλίων - ἐν δευτέρῳ Βιβλίων Χρήσεως - περὶ Διονυσιακοῦ Συστήματος - ἐν τῷ περὶ τῆς Νεστορίδος - ἐν τοῖς Τραγωδουμένοις - ἐν τῷ Περὶ Δημητρίου τοῦ Φαληρέως συγγράμματι - Αἴγυπτιακῶν - *erigr.* - τὰ περὶ τὸν Ἴερωτα - ἐν τοῖς καταλογάδην Ἰάμβοις - ἐν τοῖς φερομένοις ὡς αὐτῆς Ἐπεσιν - Ἐρμῆς - Ἡρακλῆς σατυρικός - Σικελικῶν - ἐν τοῖς Περὶ τῶν ἐν Συρίᾳ βασιλευσάντων - Σαμόθρακες - ἐν τῷ Περὶ σπουδῆς καὶ παιδείας - Ἀχαικῶν - ἐν τοῖς Ἀχαιοῖς - Φιλευριπίδης - Φίλινα - Χαλκιδικός - *scripsit τὸν Κανόνα καὶ τὰς Γνώμας libros pseudepicharmeos* - ἐν τῷ ἐπιγραφουμένῳ Σταθμοὶ τῆς Ἀλεξάνδρου πορείας - ἐν Ἐρωτικοῖς - τῶν Ἰνδικῶν - ἐν τοῖς Περὶ τῶν ἐν Ἐφέσῳ τυράννων - ἐν τῷ περὶ Θεσσαλίας καὶ Αἰμονίας - ἐν τῷ Περὶ τῆς τοῦ Ἰερωνύμου τυραννίδος - ἐν τοῖς περὶ Ἴωνος τοῦ ποιητοῦ - Ἄνδροφόνος - Εὐδεργέται - Συνεξαπατῶν - Βαβυλωνιακῶν - ἐν Αἰθιοπικοῖς - ἐν τῷ πρὸς Ἄτταλον περὶ Ὀργάνων - Μεσοτρίβας - Στατοῦρονος - ἐν Ὀρνιθογονία - *scripsit Ἀλευτικά - librum edidit* περὶ τῶν Δουλικῶν Πολέμων - ἐν τῷ περὶ Ἰστορίας - Ἄγνοια - *Calliae fab. inc.* - Κύκλωπες - Πεδηται - Γραμματικὴ Θεωρία - ἐν τῷ Περὶ τῆς παρ' Ἀλκαίῳ λεπάδος - τῶν περὶ Ἀγαθοκλέα Ἰστοριῶν - Μοσχίων - ἐν Γαλατεία - ἐν Ἐθνικαῖς Ὀνομασίαις - ἐν τῇ Ἐκάλλῃ - ἐν τοῖς Ἐπιγράμμασιν - Ἐπινίκιον ἐλεγειακὸν εἰς Σωσίβιον - ἐν τῷ περὶ Ὀρνίθων - ἐν τῷ περὶ Ὀρνέων - ἐν τῷ τρίτῳ Πίνακι τῶν Νόμων - ἐν τῷ τῶν Παντοδαπῶν Πίνακι - ἐν τῇ τῶν Ρητορικῶν Ἀναγραφῇ - *Fabularum tabulae* - ἐν Ἰστορικοῖς Ὑπομνήμασιν - *Elegiarum* - ἐν τοῖς Ἐλεγείοις - Παννυχίς - ἐν ταῖς Ἑλληνικαῖς - ἐν τῷ περὶ τοῦ Ἰεροῦ Πολέμου - Στρατονίκου Ἀπομνημονεύματα - Συμμίκτων - ἐν Ὑπομνήμασι Θραττῶν Κρατίνου - περὶ Ἀλεξανδρείας - τοῖς περὶ Ἀλεξανδρείας - Συμμαχία - τῶν πρὸς Φιλόπαππον Ὑπομνημάτων - Ἀχιλλεύς - Σεμέλη - Ὑπομνημάτων - ἐν τῷ περὶ Διδασκαλιῶν - ἐν τῷ περὶ Σωτάδου συγγράμματι - εἰς τὸν Πάνα ποιήμα - ἐν τῷ τοῦ Ἡρακλέους Ἐγκώμιῳ - Ἐγκώμιον Λαγίδος τῆς ἐταίρας - Ἀμαζόνες - Ὑς - τῶν πρὸς Ἀριστοτέλην - ἐν τοῖς κατὰ Ἀριστοτέλους - Αἰγίμιος - Ἀλφεισίβοια - Ἰώ - Μινύαι - Οἰνεύς - ἐν τῷ περὶ Αἰσχύλου - ἐν τῷ περὶ Ἀνακρέοντος - ἐν τῷ περὶ Ἡδονῆς - περὶ Κωμωδίας - ἐν τῷ περὶ τοῦ Λάσου - ἐν τῷ περὶ Πινδάρου - ἐν τῷ Προτρεπτικῷ - ἐν τῷ περὶ Σαπφοῦς - ἐν τῷ περὶ Σιμωνίδου - ἐν τῷ περὶ Στησιχόρου - τῶν Ἰστοριῶν - ἐν ταῖς (περὶ Ἀλέξανδρον) Ἰστορίαις - περὶ τοῦ Ἀστικού Ἀγῶνος - Ἄλυσις - ἐν τοῖς Περσικοῖς - ἐν δευτέρῳ Ὄρων - ἐν τοῖς Ὄροις - Πτωχοί - *Persicorum* - ἐν τῷ Περὶ τῶν δι' αὐτὰ αἰρετῶν - ἐν τῷ Περὶ τῶν μὴ δι' αὐτὰ αἰρετῶν - ἐν τῇ εἰσαγωγικῇ περὶ ἀγαθῶν καὶ κακῶν πραγματεία - Περὶ τοῦ καλοῦ καὶ τῆς ἡδονῆς - ἐν τῷ Περὶ τοῦ καλοῦ - περὶ Ὀμοιοῖας - *libro non indicato - Sardanapalli carmen sepulcrale a Chr. immutatum* - ἐν τῷ Ἀρτοκοπικῷ - *scripsit τὴν Πολιτεῖαν librum pseudepicharmeum - carmen* - ἐν τῷ περὶ Μεταλήψεως - ἐν τῷ Γεργιθίῳ - περὶ Γρίφων - ἐν τῷ περὶ Γρίφων - ἐν τῷ περὶ τῶν Ἐνύδρων - ἐν τῷ Περὶ τῶν ἐν ὑγρῷ - τῶν Ἐρωτικῶν - ἐν Ἐρωτικῶν - ἐν τοῖς Ἐρωτικοῖς - ἐν τῷ περὶ † Θινῶν - ἐν τῷ περὶ Νάρκης - περὶ Παιδείας - ἐν τῷ περὶ τοῦ Πανικῶ - περὶ Παρομιῶν ἐν τῷ προτέρῳ - ἐν τοῖς περὶ Παρομιῶν - ἐν τῷ Περὶ τῶν ἐν τῇ Πλάτωνος Πολιτεία μαθηματικῶς εἰρημένων - περὶ Σκελετῶν - περὶ Φιλέας - ἐν περὶ Φιλέας - Κορίνθιοι - Πάνδροσος - *aenigmata* - ἐν τῷ ἐπιγραφουμένῳ (διθυράμβῳ) Μελεάγρῳ - ἐν τῇ πρὸς Ἀλέξανδρον Ἐπιστολῇ - Ἀστρολογία - τῆς Ἀτθίδος - ἐν τῇ Ἀτθίῃ - Ἐξηγητικόν - ἐν Πρωτογονίας

πρώτῳ - Γλωσσῶν - ἐν τῇ περὶ Γλωσσῶν πραγματεία - τῶν περὶ Ἀλέξανδρον (Ἱστοριῶν) - ἐν ταῖς π. Ἀλ'. Ἱστορίας - περὶ Μιλήτου - ἐν τοῖς περὶ Μιλήτου - ἐν τῷ περὶ τῆς Ῥωμαίων Πολιτείας - Γεῖτονες - Θηρία - Λάμια - Παιδιαί - Ῥήτορες - Σάμιοι - Τόλμαι - *carm.* - Ἀττικῆς Διαλέκτου - ἐν Ἀττικῆς Διαλέκτου - ἐν τοῖς περὶ τῆς Ἀττικῆς Λέξεως - Ἀρχίλοχοι - Βουκόλοι - Δηλιάδες - Διονυσολέξανδρος - Δραπέτιδες - Εὐνείδαι - Θραττῶν ὑπομήματα - Κλεοβουλῖναι - Μαλθακοί - Νέμεσις - Νόμοι - Ὀδυσσῆς - Πλοῦτοι - Πυτίνη - Χείρωνες - Γίγαντες - Θηραμένης - Τιτάνες - Χείρων - ἐν τοῖς Ἐφεσίων Ὄροις - *carminis epici* - ἐν Θετταλῶν Πολιτεία - ἐν τῇ Λακεδαιμονίων Πολιτεία - Πειρίθους *tragoedia* - Φιλοπράγμων - Ἀπαρχόμενος - Ψευδυποβολμαῖος - Περσικῶν - ἐν τῷ Περὶ τῶν κατὰ τὴν Ἀσίαν φόρων - *scripsit* περὶ τῆς Ὑδραύλεως - Χρονικῶν - Χρόνων - ἐν τοῖς Ἰνδικοῖς - οἱ περὶ Δάμωνα τὸν Ἀθηναῖον - ἐν τῷ περὶ Βυζαντίου - Αὐτὸν Πενθῶν - ποιημάτων ἀναφέρεται εἰς Δ. Τρίφυλλον - περὶ Ποιημάτων - ἐν τῷ περὶ τῆς Ἀλεξανδρῶν Διαλέκτου - Ἐτυμολογουμένων - ἐν Ἐτυμολογία - ἐν τοῖς Ὀμωνύμοις - Τρωικοῦ διακόσμου - Σικελία - Ἀρεοπαγίτης - ἐν τῷ Περὶ τῶν κατ' Αἴγυπτον - Ἀθίδος - ἐν τῷ ὑπὲρ Σοφοκλέους πρὸς Φίλων - Περὶ τοῦ ἐν Ἐφέσω ναοῦ - ἐν τῷ περὶ Ἀλικαρνασσοῦ - Ἀχελώιος - ἐν τῷ κατὰ Ἀνδροτιῶνος - ἐν τῷ περὶ Ἀτελειῶν - ἐν τῷ κατὰ Εὐέργου καὶ Μνησιβούλου - ἐν τῷ ὑπὲρ Κτησιφώντος - ἐν τῷ κατὰ Μειδίου - ἐν τῷ κατὰ Νεαίρας - ἐν τῷ κατὰ Ν. - ἐν τῷ κατὰ Ν. λόγῳ - ὁ τὸν κατὰ Ν. γράψας λόγον - ἐν τῷ περὶ τῆς Παραπροσβείας - ἐν τῷ πρὸς Τιμόθεον ὑπὲρ χρέως - ἐν τοῖς Φιλππικοῖς - ἐν τῷ περὶ Χρυσίου - Ὑφ' ἑαυτῶν Πλανώμενοι - ἐν τῷ περὶ Ἀλκαίου - Περὶ τοῦ τῆς Ἑλλάδος βίου - ἐν τοῖς π. τ. τ. Ε. β. - ἐν τῷ Περὶ τῆς ἐν Ἰλίφ θυσίας - ἐν τῷ Ὀλυμπικῷ - ἐν τῷ Τριπολιτικῷ - τῆς εἰς Τροφωνίου Καταβάσεως - ἐν τοῖς περὶ τῆς εἰς Τρ. κατ'. - Διατριβῶν - ἐν ταῖς εἰς Ἴωνα Ἀντεξηγήσεις - *comment. Achaei Ἄθλα* - *comment. Arist. Pluti* - ἐξηγούμενος - *comment. in Sophoclis Phoenicis* - *e libris incertis* - ἐν τοῖς Μεγαρικοῖς - τῶν Περσικῶν - ἐν τῇ Περσικῇ πραγματεία - ἐν τῷ περὶ Θανασίμων Φαρμάκων - τῶν πρὸς Πλείσταρχον Ὑγιειῶν - Ὑγιειῶν - ἐν τοῖς πρὸς Πλείσταρχον - ἐν τοῖς Ὑγιεινοῖς - Θάλαττα - Μέλισσαι - ἐν Ἰταλικαῖς Γλώσσαις - ἐν τῷ πρὸς Λυκόφρονα - Αὐλητρίς - ἐν τοῖς περὶ Βιβλιοθήκης - ἐν τοῖς περὶ Εὐγενείας - ἐν τῷ πρώτῳ τῶν Νόμων - Κεφαλίων - ἐν τῇ Πολιτεία - ἐν τῷ περὶ Διαλέκτων - ἐξηγούμενος Θεοδωρίδα εἰς τὸν Ἔρωτα μέλος - περὶ τοῦ Κύκλου - Ἀκοντιζόμενος - Θεσμοφόρος - Σώζουσα - περὶ Ὀνομάτων - ἐν τῷ περὶ Ὀνομάτων - *libro non nominato* - ἐν ταῖς πρὸς Σπεύσιππον Ἐπιστολαῖς τῇ Ἐπιστολῇ - *distichorum compositio* - ἐν Ὀψαρτυτικῷ - Παιάνις - περὶ τῶν παρ' Ὀμήρῳ Νόμων - Πολιτείας - ἐν τοῖς Ἀπομνημονεύμασιν - ἐν τῇ Ἡρακλείᾳ - ὁ γράψας τὰ κατ' Ἐπικούρου βιβλία - Ἀντιπορνοβοσκός - Ἱστοριογράφος - Φιλάργυρος - Αἰρησιτεΐχης - ἐν Εὐνούχῳ ἢ Στρατιώτῃ - Στρατιώτῃ - Ἀνασφζόμενοι - Ἀπληστος - Διαμαρτάνουσα - Ἐκάτη - Ἐλαιωνοφρουροῦντες - Ἐμπορος - Ἐναγιζόντες - Ζωγράφος - Ἦρως - Μνημάτων - Παιδερασταί - Πελιάδες - Πολυπράγμων - Συνωρίς - ἐν τῇ διασκευῇ τοῦ αὐτοῦ δράματος - Τελεσίας - Τιθραύστης - ἐν τῷ περὶ τῶν Νικάνδρου Θηριακῶν - ἐν τῷ Περὶ τῶν προσφερομένων τοῖς νοσοῦσι καὶ τοῖς ὑγιαίνουσιν - *sine titulo* - *epigramma* - τῶν περὶ Ἀλέξανδρον Ἱστοριῶν - Περὶ Ἀντιφάνους καὶ περὶ τῆς παρὰ τοῖς νεωτέρους κωμικοῖς ματτύης - πρὸς τοῖς ἑκατὸν τῆς Λέξεων Συναγωγῆς - τῶν Κρητικῶν - ἐν τῷ περὶ Λίθων - Ψάλτριαι - ἐν τῷ περὶ Εὐριπίδου καὶ Σοφοκλέους - Ἱστοριῶν - Μακεδονικῶν - ἐν τοῖς Σαμίων Ὄροις - ἐν τῷ περὶ Τραγωδίας - ἐν τοῖς Κρητικοῖς - Σάτυροι

- ἐν Ἀπομνημονεύμασιν - ἐν τῷ Ὀψαρτυτικῷ - ἐν τῷ Περί τῆς Ἀλεξάνδρου καὶ Ἡφαιστίωνος ταφῆς - Ἄρτεμις - Βούσ(ε)ρις - Γηροσύνη - Ἐμπολή - Ἐφηβοί - Κύδων - Ναυαγός - Ὅμοιοι ἢ Ὀβελιαφόροι - Ὀβελιαφόροι - Πελασστής - Φιλύρα - περὶ Εὐρημάτων - ἐν τοῖς περὶ Εὐρ. - ἐν τοῖς Εὐρήμασιν - Ἀγρωστίνος - Ἀλκυών - Ἀταλάνται - Γᾶ (bis Γῆ) καὶ Θάλασσα - Διόνυσοι - Ἐλπίς ἢ Πλοῦτος - ἐν Ἐλπίδι - Ἐορτὰ καὶ Νᾶσοι - Ἦβας Γάμος - ἐν Ἦβης Γάμῳ κἀν Μούσαις - Θεαροί - Κωμασταί - Λόγος καὶ Λόγυνα - Μεγαρίς - Μοῦσαι - Ὀδυσσεὺς Αυτόμολος - Ὀδυσσεὺς Ναυαγός - Ὀρούα *fabula* - Περίαλλος - Πύρρα καὶ Προμαθεὺς - ἐν Πύρρα - Σειρήνες - τὰ εἰς Ἐπίχαρμον ἀναφερόμενα ποιήματα - Ἀνταίαις - Τριόδους ἢ Ῥωποπώλης - ἐν τῇ περὶ Ἐπιτηδευμάτων Ἐπιστολῇ - διὰ τῶν πρὸς Ἐρμαρχον Ἐπιστολῶν - Συμπόσιον (p. 115 Us) - ἐν τῷ Συμποσίῳ - ἐν τῷ περὶ Τέλους - Βακχίς - ἐν Βακχίῳ - Ἡρώνη - *ad Ionis Agam.* - in *Abrotonam Themistoclis matrem* - in *Arcadionis sepulcro* - in *Atheniensium sepulcro occisorum a Romanis in Delo insula* - in *Bacchiadem Sicyonium Thespiis* - in *Bacchidae sepulcro* - in *Cleonem Thebanum* - in *Cratinum* - in *Eleos scopticum* - in *Erasixeni sepulcro* - ? *Heliconis Salamini textoris Delphis* - in *Laidis sepulcro* - in *Machonis sepulcro* - ? *Myis caelatoris* - in *Pausaniam regem* - in *Philetæ sepulcro* - in *Pythagoram* - in *Sardanapalli sepulcro* - in *Thrasymachi sepulcro* - in *Timocreontis sepulcro* - *scopticum de philosophis* - *Delphica: in gladio Antenoridae* - in *tripode a Diomede dedicato* - ἐν τῇ Σικωνίᾳ (Ἀναγραφῇ) *traditum* - Κωραλίσκος - Μνησιπτόλεμος - Ὑποβαλλόμενοι - ἐν τῇ Περί τῶν καθόλου πραγματείᾳ - ἐν τῷ ἐπιγραφομένῳ Ἀρίστωνι - ἐν τῷ ἐπιγραφομένῳ Ἀρσινόῃ συγγράμματι - ἐν τῇ πρὸς Ἀγήτορα τὸν Λάκωνα Ἐπιστολῇ - ἐν ταῖς Ἐπιστολαῖς - περὶ κωμωδίας - ἐν πρώτῳ Ὀλυμπιονικῶν - *Carmina* - ἐν τοῖς περὶ τῆς πατρίδος - ἢ ὁ πεποικῶς τὸ εἰς αὐτὴν ἀναφερόμενον ποιημάτων - Μελίβοια - ἐν Κολοφωναίοις - ἐν τοῖς Ἐφεσιακοῖς - Ἀνακαλυπτομένη - ἐν τῷ εἰς τὸν Γλαῦκον ὕμνῳ - Ἀγκυλίων - Ἀμάθεια - Ἀντιόπη - Ἄστυτοι - Αὐγή - Βελλεροφόντης - Διονύσιος - Δόλων - Εὐρώπη - Ἠχώ - Ἴων - Κατακολλόμενος - Κέρκωπες - Κλεψύδρα *memoratur* - Λάκωνες ἢ Λήδα - ἐν Λήδᾳ - Μήδεια - Μυλωθρίς - Μυσοί - Νάνιον - Ναυσικάα - Ὀδυσσεὺς ἢ Πανόπται - Οἰδίπους - Ὀλβία - Ὀρθάνης - Πάμφιλος - Πορνοβοσκός - Πρόκρις - Προσουσία ἢ Κύκνος - Σεμέλη ἢ Διόνυσος - Στεφανοπώλιδες - Σφιγγοκαρίων - Τίτθαι - Φοῖνιξ - Χρῦσιλλα - Ψάλτρια - ἐν δράματι Κωμασταῖς - Γῆς Περιόδου - τῆς Ἰεράς Ἀναγραφῆς - ἐν Ῥιζοτομικῷ - τῶν περὶ Ἀννίβαν Ἱστοριῶν - Σφαττόμενος - ἐν ταῖς Ἐφημερίσιν Ἀλεξάνδρου - τὰ πάτρια - ἐν Γεράνῳ - ἐν τῷ περὶ Ἰσθμίων - ἐν τῷ περὶ Μελοποιῶν - ἐν Χιλιάσιν - Ἀποδιδοῦσα - Παραδιδόμενη - Συνέφηβοι - ἐν Ὑπομνήμασιν - Αἶγες - Ἀστράτευτοι - Αυτόλυκος - Βάπται - Δῆμοι - ὁ τοὺς Εἰλωτας ποιήσας - ἐν Εἰλωσι - Κόλακες - Μαρικάς - Προσπάλτιοι - Ταξίαρχοι - Φίλοι - Χρυσοῦν Γένος - *Aeoli* - *Andromachae* - Ἀνδρομέδας ἐπεισόδιον - *Antigonae* - *Antiopeae* - *Augae* - ἐν τῷ πρώτῳ Αυτόλυκῳ - ἐν Βάκχαις - *Danaae* - Δεσμῶτις Μελανίππη - Εὐρουσθεὺς - Ἰκετίδες - Ἰππόλυτος - *Iphigeniae Aulid.* - Μελανίππη Δεσμῶτις - *Oedipi* - *Orestae* - τὸν Πειρίθου ὁ γράφας, εἶτε Κριτίας ἐστὶν ὁ τύραννος ἢ Εὐριπίδης - Πλεισθένης - Σθενέβοια - *Telephi* - *Troadam* - Φαέθων - *Phoenissanim* - Φριξὸς - Ἐπινίκιον in *Alcibiadem* - τὸν ἐπιγραφόμενον κατ' αὐτῆς (*Phrynae*) Εὐθύου λόγον Διόδωρος ὁ περιηγητὴς Ἀναξίμενους φησὶν εἶναι - Ἄστωι ἢ Ἐπιστολῇ - ἐν τῷ περὶ Λαχάνων - ἐν τῷ περὶ Ταρχίων - ἐν (τῷ) Ὀψαρτυτικῷ - νόμον συσσιτικὸν συνέγραψεν - ἐν τῷ Περί τῶν ἐν Ῥόδῳ θυσίων - ἐν Κορωνισταῖς - ἐν τῷ Περί τῶν κατὰ Φιγάλειαν νομίμων

- ἐν τῷ περὶ Πλακούντων - τῶν Γενεαλογῶν - Περιηγήσεις - Ἐκ. ἐν Ἀσίας Περιηγήσει - ἐν Ἀσίας Περιηγήσει - ἐν τῇ Ἀσίᾳ ἐπιγραφομένη - ἐν τῇ τῆς Εὐρώπης Περίοδῳ - Περιηγήσεως - ἐν τῇ ἐπιγραφομένη Σκύλλῃ - Δείπνου ἀναγραφή - κωμῳδία εἰς τὸν ἀρχαῖον τρόπον, ἦν ἐπιγράφουσιν Φιλίνην (s. Φίλινναν) - ἐν Φιλίνῃ - Παρωδίαι - Γιγαντομαχία *parodia - carminis incerti* - Ὑπομνήματα - ἐν τῷ ἐπιγραφομένῳ Ὑπομνήματι Ἀνδριάντων καὶ Ἀγαλμάτων - ἐν (τοῖς) Ὑπομνήμασιν - ὁ τὰ Κεφαλίωνος ἐπιγραφόμενα Τρωικὰ συνθεῖς - ὁ τὰς Ἱστορίας γράψας - ποιήματα (?) - Φιλέταιροι - περὶ Ἀκροπόλεως - ἐν τοῖς περὶ Ἀκροπόλεως - ἐν τοῖς Αἴγυπτιακοῖς - ἐν τῇ εἰς Ἄμμωνος Ἀναβάσει - Δευκαλιωνείας - ἐν Ἐθνῶν Ὀνομασίαις - ἐν ταῖς Ἱστορίαις - ἐν Καρνεονίκαις, ἔν τε τοῖς ἐμμέτροις κὰν τοῖς καταλογάδην - ἐν Κτίσεσιν - τῆς Φορωνίδος - Γοργόνες - Πολύευκτος - Τροχίλος - Περὶ τοῦ παρ' Ἀνακρέοντι λυγίνου στεφάνου - Περὶ τοῦ παρὰ Ξενοφῶντι ἐν τοῖς Ἀπομνημονεύμασιν Ἀντιφῶντος - τῶν ἐπιγραφομένων Παρασκευαστικῶν - ἐν τοῖς Παρασκευαστικοῖς - περὶ Δικαιοσύνης - ἐν τῷ περὶ Δικαιοσύνης - ἐν τῷ περὶ Ἑρωτικῶν - ἐν τρίτῳ περὶ Μουσικῆς - *lescharum versiculus* - † ἐν τῷ περὶ Θεσμῶν - ἐν τῷ Ξενοφῶντι - Λεόντιον *carmen tribus libris compositum* - ἐκ τῶν Ἰάμβων - ἐν τρίτῃ Σικελικῶν - τῶν περὶ τοῦ Γρυνείου Ἀπόλλωνος - Ἀρτοπώλιδες - Δημόται - Θεοί - Στρατιῶται - Φορμοφόροι - Ἰαμβοὶ - περὶ Ἀριστοτέλους - ἐν τῷ περὶ Γοργίου - ἐν τοῖς περὶ τῶν Ἑπτὰ Σοφῶν - ἐν τοῖς περὶ Ἰππώνακτος - ἐν τῷ περὶ Ἰσοκράτους - ἐν τοῖς Περὶ τῶν Ἰσοκράτους μαθητῶν - Νομοθετῶν - περὶ Νομοθ. - ἐν τοῖς περὶ Νομοθ. - *Raeanes* - ἐν Κρητικαῖς Γλώσσαις - ἐν Γλώσσαις - ἐν Συνωνύμοις - τῶν Κωμωδομένων - ἐν τοῖς Συμμίκτοις Ὑπομνήμασιν - ἐν τοῖς πρὸς τὸν Φιλοσωκράτην - τοῦ καθ' Ἡρακλέα Λόγου - ἐν τῷ περὶ Σύκων - ἐν Συνεραζομέναις - ἐν Ὀροις Κολοφωνίων - ἐν τῇ Ἀσπίδι - ὁ τὴν εἰς Ἡσίοδον ἀναφερομένην ποιήσας Ἀστρονομίαν - Ἔργων - αἱ εἰς Ἡσίοδον ἀναφερόμεναι Μεγάλαι Ἠοῖαι καὶ Μεγάλα Ἔργα - ἐν ταῖς Ἠοῖαις - ἐν Κήρυκος Γάμψ - Μελαμποδίας - ἐν τῷ Μελαμποδίας - ἐν τῇ Μελ. - *Hesiodi carmen spurium* - περὶ Ὑλῆς - ἐν τοῖς περὶ Ὑλῆς - ἐν τῷ περὶ Κιθαρωδῶν, ὅπερ ἐστὶ πέμπτων τῶν περὶ Ποιητῶν - ἐν τοῖς Ἱστορικοῖς Ὑπομνήμασιν - περὶ τῆς Καρχηδονίων Πολιτείας - Θαῖς - ὁ τὴν Αἴγυπτιακὴν Ἰλιάδα συνθεῖς (3.101a) - τῶν περὶ τῆς πατρίδος Ἱστοριῶν - ἐν τῷ ἐπιγραφομένῳ Συναγωγῇ - ἐν τῷ περὶ Διαίτης - ἐν τῷ περὶ Πτισάνης - ἐν τῷ περὶ Τόπων - ἐν τῷ περὶ Ὑδάτων - *libro nom indicato* - Δειπνητικαὶ Ἐπιστολαὶ ad *Lynceum Samium* - ἐν τῇ πρὸς Λυγκέα ἐπιστολῇ - Ἰλιάδος - Ὀδυσσεΐας - Ἐπικιχλίδες - ἐν τῷ εἰς Ἀπόλλωνα ὕμνῳ - ἐκ τῶν εἰς Ὅμηρον ἀναφερομένων - σκόλιον - ἐν τῷ κατὰ Ἀρισταγόρας - ἐν τῷ κατὰ Ἀρισταγόρας β' - Δηλιακῶ - ἐν τῷ κατὰ Δημάδου - ἐν τῷ κατὰ Δημοσθένους - ἐν τῷ κατὰ Μαντιθέου αἰκίας - ἐν τῷ κατὰ Πατροκλέους - κατὰ Φιλίππιδου - ἐν τῷ ὑπὲρ Φρύνης - ἢ ὁ ποιήσας τὰ εἰς αὐτὸν ἀναφερόμενα Κυμαϊκά - Περὶ τῶν Ἀλεξάνδρου ἱερῶν - ἐν Ἀρτοποικῶ - Μελῶν - ἐν (τοῖς) Ἐλεγείοις - ἐν (ταῖς) Ἐπιδημῖαις - ἐν τῷ περὶ Χίου - *Tragoediae* - ἐν τῷ τῆς Παρθίας Περιηγητικῶ - ἐν τῷ Ἀρεοπαγτικῶ - ἐν τῷ περὶ Ζεύγους - ἐν ταῖς πρὸς Τιμαῖον Ἀντιγραφαῖς - ἐν τοῖς Ἀργολικοῖς - τῶν Ἀττικῶν - ἐν τοῖς Ἀττικοῖς - Πτολεμαίδος τῆς ἐν Αἰγύπτῳ πόλεως - Ἐπίγραμμα in *Leonteum histrionem tragicum* - Θεατρικῆς Ἱστορίας - ἐν τοῖς περὶ Λιβύης - ἐν ταῖς Ὀμοίτησιν - Λυδῆ *carmen melicum* - Ὑμνος εἰς τὴν ἐν Ἐρμιόνη Δήμητρα ἄσιγμος - ἢ ἄσιγμος ὦδῆ, ἣτις ἐπιγράφεται Κένταυρος - Ἀλιευτικὰ καταλογάδην - Φράτρες - ἐν Διθυράμβοις - *incerti carminis* - ἐν τῷ περὶ Πυθαγορείου - ἐν τοῖς περὶ Κῶμ. - Μενέδη-

μος σάτυροι - ἐν τῷ κατὰ Λεωκράτους - ἐν τῷ κατὰ Λυκόφρονος - ἐν τοῖς Ἀποφθέγμασιν
 - Ἐπιστολαὶ Δειπνητικαὶ ad Hippolochum Macedonem - ἐν τῇ πρὸς Ἀπολλόδωρον Ἐπιστολῇ -
 ἐν τῇ πρὸς Ἐπιστολῇ - ἐν τῇ πρὸς τὸν κωμικὸν Ποσειδίππον Ἐπιστολῇ - ἐν Ἐπιστολαῖς -
 comoedia - loci incerti - περὶ Ἰαμβοποιῶν - ἐν τοῖς περὶ Ἰαμβοπ. - πρὸς Αἰσχίνην - ἐν τῷ κατὰ
 Ἀλκιβιάδου λόγῳ - περὶ Ἐγγυθῆκης ἐπιγραφόμενός τις λόγος ἀναφέρεται εἰς Λυσίαν - ἐν
 τῷ κατὰ Θεοπόμπου αἰκίας - ἐν τῷ κατὰ Λαίδος - ἐν τῷ πρὸς Μέδοντα ψευδομαρτυριῶν
 - ἐν τῷ κατὰ Μικίνου φόνου - ἐν τοῖς τῶν Συμβολαίων λόγοις, ἐν τῷ πρὸς Αἰσχίνην τὸν
 Σωκρατικὸν χροῶς - ἐν τῷ ὑπὲρ Φανίου παρανόμων - ἐν τῷ κατὰ Φιλωνίδου βιαιῶν - ἐν τῷ
 περὶ Χρυσοῦ Τρίποδος - περὶ τῆς Ἀτάλου Παιδείας συγγέγραφε βίβλους πᾶσαν κολακείαν
 ἐμφανισάσας - Νόστων - Κωακῶν - ἐν ταῖς ἐπιγραφόμεναις Χρειαῖς - συνέγραψεν ἐν τῶν Πα-
 ραγγελημάτων φορτικώτερον - ἐν Διονύσῳ πρώτῳ - ἐν Διονύσῳ δευτέρῳ - ἐν Λυδοῖς - ἐν τοῖς
 Σιφνίων ὄροις - Atacta? - Δείπνου ἀναγραφὴν πεποιήται - ἐν τῷ Δείπνῳ - Ἀττικὸν δεῖπνον
 διαγράφει - ἐν (ταῖς) Παραφθίαις - ἐν τῷ Περί ἐνδόξων ἀνδρῶν - ἐν ταῖς Δαναΐσιν - ἐν τῷ
 Μαρσύα - ἐν τῷ Περί τῶν ἐν Ἐλευσίῃ μυστηρίων - ἐν ταῖς Χάρισιν - ἐν τοῖς Σικωνιακοῖς
 - ἐν τοῖς περὶ Τεχνιτῶν - Ἀλειῖς - (ἐν) Ἀλειῖ - Ἀνδρόγυνος ἢ Κρής - Ἀνεψιοί - Ἀρηφόρος ἢ
 Αὐλητρῖς - Αὐλητρίσι - Αὐτὸν Τιμωρούμενος - Δημιουργός - Δίδυμαι - Δύσκολος - Ἐγχειρίδιον -
 Ἐμπιπραμένη - Ἐπικλήρος πρώτη - Ἐπιτρέποντες - Ἐφέσιος - Θαῖς fabula - Θεοφορουμένη -
 Θρασυλέων - Καρχηδόνιος - Κεκρύφαλος - Κόλαξ - Μέθη - Μηναγύρτης - Μισογύνης - Ναύ-
 κληρος - Νομοθέτης - Ὀργῇ - Παιδίον - Παλλακή - Παρακαταθήκη - Περνυθία - Πωλούμενοι -
 Ραπιζομένη - Συναριστώσαι - Ὑδρέα - Ὑμνίς - Φάνιον fabula - Φάσμα - Χαλκεία - Ψευδηρα-
 κλῆς - τῆς Συναγωγῆς - Πολιτικῶν - ἐν τῷ περὶ Ἀναθημάτων - ἐν τῷ Ἀρχεσιλάῳ - ἐν τῷ Περί
 τῶν κατὰ τὸ ἱερὸν τῆς Σαμίας Ἦρας - Τῶν κατὰ τὴν Σάμον ἐνδόξων ἀναγραφῇ - Αὔραι -
 ἐξ Αὐρῶν - Θουριοπέρσαι, ἀδίδακτον - Φιλοθύτης - περὶ Ἀλειπτικῆς - ἐν τῷ περὶ Συνηθείας
 - ἐν Τρωικοῖς - Ναννώ - Ναννοῖ - ἐν Ἐπιγράμμασιν - hunc συνταξάμενον τὰ ἐπιγραφόμενα
 Παίγνια διὰ τὸ ποικίλον τῆς συναγωγῆς Σάλπην οἱ συνῆθεις προσηγόρευον - περὶ Ἀσίας -
 (τῶν) Εὐρωπιακῶν - ἐν τῷ Περίπλῳ - Ἰπποτρόφος - Φίλιππος - Ἱστορία - ἐν τῷ περὶ Ἐδεστών
 - ἐν τῇ περὶ Κωθωνισμοῦ Ἐπιστολῇ - ὁ τὰ Φοινικικὰ συγγεγραφώς - ἐν τῇ Μνημοσύνῃ ἐπιγρα-
 φομένη - περὶ τῆς ὑπὸ Ἰέρωνος τοῦ Συρακοσίου κατασκευασθείσης νεῶς - Μηχανικῶν - ἐν
 ἐξηγήσει Ῥοδιακῶν Λέξεων - Μεσσηνιακῶν - ἐν Ἱστορικοῖς Παραδόξοις - Ναύκληροι - Πέριος
 - τῶν περὶ Ἄτταλον Ἱστοριῶν - Ἑλληνικῶν - τῶν Ἑλληνικῶν Ἱστοριῶν - τῶν Ἑλληνικῶν - ἐν
 τοῖς Μυθικοῖς - περὶ Τελετῶν - Ὄρων - ἐν τῇ Διονυσιάδι - ἐν τῷ περὶ Ἐπιγραμμάτων - ἐν τοῖς
 Θεατρικοῖς Ὑπομνήμασιν - Γυναικῶν Κατάλογος - ἐν τοῖς Ἀττικοῖς Ὄνόμασιν - Περιπετειῶν
 - Προυσίου Συμπτωμάτων - (τῶν) Αἰτωλικῶν - ἐν Γεωργικοῖς - ἐν (ταῖς) Γλώσσαις - Ἐτεροι-
 ουμένων ἐν τετάρτῳ - ἐν Ἐτεριουμένοις - Εὐρωπίας - ἐν Θηριακῶ - ἐν (τοῖς) Θηριακοῖς -
 Κολοφονιακῶν - ἐν Μελισσοουργικοῖς - Οἰταικῶν - loco non indicato - ἐν Μετονομασίαις - ἐν
 ταῖς Διαδοχαῖς - ἐν τῇ περὶ τῶν Φιλοσόφων ἱστορίᾳ - ἐν τοῖς Ἀραδικοῖς - ἢ ὁ ἀναθεῖς ταύτη
 τὰ συγγράμματα - Ἡρακλῆς Χορηγός - Λάκωνες - Εἰλείθια - περὶ Ἑορτῶν Αἰγυπτίων - ἐν τῷ
 περὶ Ὀρφέως - ἐν τοῖς Ἐγχειρογράφτοισιν - Χειρογράφτορες - Πανδώρα - Ἄβρα - Ἀντερῶσα -
 Ἄντυλλος - Ἀπελαυνόμενος - Βασιλεῖς - Διάβολος - Ἡσιόδος - Ἱεροφάντης - Κλῆνη - Μάγειρος
 - Οἰνοποιός - Πατριῶται - Πλούτος - Σύρος - Τοκιστής - Ψευδοστιγματίας - ἐν Ἀλειπτικῷ -

περὶ Ἡρακλείας - ἐν Περίπλῳ Ἀσίας - ἐν τῷ τῆς Ἀσίας Περίπλῳ - ἐν τοῖς Περίπλοις - ἐν τῷ Περί τῶν ἐν Σικελίᾳ θαυμαζομένων - πρὸς Ἀλέξανδρον Ἐπιστολῇ - Κάλλαισχος - eius versus extemporanei - ἐν Ἀττικαῖς Λέξεσι - ἐν τοῖς περὶ Γλωσσῶν καὶ Ὀνομάτων - ἐν τοῖς περὶ Ὀνομάτων - Βοκχορηίδος - ἐν τῷ ποιήματι - ἐν (τοῖς) Θαλασσίσις Ἔργοις - Ἡρακλείας - Ἡρ. - ἐν Ἡρακλείᾳ - ἐν ταῖς πρὸς Ἀλέξανδρον Ἐπιστολαῖς - ἐν τῇ πρὸς Ἄλ'. Ἐπιστολῇ - Κυνικῶν Συμπόσιον - ἐν πρώτῳ Μαγειρικῆς Διδασκαλίᾳ - ἐν τῷ περὶ Διαλέκτου - Epigrammata - τῶν παρὰ τοῖς ἱστορικοῖς λέξεων - videtur igitur, Ὁφρατυτικά scripsisse - ἐν τῇ Λακωνικῇ Πολιτεία - Συμποτικοὶ Διάλογοι - ἐν τοῖς Συμποτικοῖς Ὑπομνήμασιν - περὶ Ποιητῶν - Πρυτάνεων Ἐρεσιῶν - ἐν τοῖς πρὸς τοὺς Σοφιστάς - ἐν τῷ Περί τῶν ἐν Σικελίᾳ τυράννων - ἐν τῷ ἐπιγραφομένῳ Τυράννων ἀναίρεσις ἐκ τιμωρίας - περὶ Φύτων - ἐν τοῖς περὶ Φύτων - ἐν τῷ περὶ Εὐδόξου - ἐν Ἀθίδῳ - Ἀγαθοί - ἄγριοι - Αὐτόμολοι - Γράες - Γραφῆς - Δουλοδιδάσκαλος - Ἐπιλήσμων ἢ Θάλαττα - ἐν Ἐπιλήσμονι - Ἰπνὸς ἢ Παννουχίς - Κοριαννῶ fabula - Κραπάταλλοι - Λῆροι - Μεταλλῆς - Φ. ἐν (τοῖς) Μεταλλεῦσι - Μυρμηκάνθρωποι - Φ. ἐν (τοῖς) Πέρσαις - Πετάλη - Τυραννίς - ὁ τὸν Χείρωνα πεποιθῶς τὸν εἰς Φ. ἀναφερόμενον - εἰς ἣν ἀναφέρεται τὸ περὶ Ἀφροδισίων ἀκόλαστον σύγγραμμα - Ἀνανεουμένη - Ἀραπζόμενος - Βαβυλώνιος - Μετιῶν ἢ Ζωμιῶν - ἐν Μετιόντι - Μοιχός - Νέαιρα - Παρεισιῶν - Πτωχὴ ἢ Ῥοδία - ἐν Πτωχῇ - ἐν τῷ ἐπιγραφομένῳ Σικελικῷ - Χίρα - ἐν τοῖς Ἀττικοῖς Ὀνόμασιν ἢ Γλώτταις - ἐν τῷ περὶ (τῶν) Ἀττικῶν Ὀνομάτων - ἐν ταῖς Ἀττικαῖς Φωναῖς - Παντοδαπῶν Χρηστηρίων - Ἀταλάντη - Κορινθιαστής - Κυναγίς - Κυνηγίς - Λαμπαδηφόροι - Οἰνοπίων - Φίλαυλος - carminum - ἐν (τοῖς) Ἀτάκτοις - ἐν τῇ Κροκωνιδῶν Διαδικασία - Ἀνανέωσις - Αὐλοὶ - Συμπλέουσαι - ἐν τῷ περὶ Καρῶν καὶ Λελέγων συγγράμματι - περὶ Αὐλητῶν - λόγον ἔγραψε κατὰ Σοφοκλέους - ἐν τῷ Μεταλλικῷ - ἐν τοῖς περὶ Μαντικῆς - ἐν τῇ ἐπιγραφομένῃ Τετραπόλει - Θετταλικῶν - ἐν τῷ περὶ τῶν ἐν Ῥόδῳ Σμινθειῶν - Κόθορονοι - περὶ τῶν ἐν Ἀσίᾳ Πόλεων - ἐν Δηλίῳ - ἐν τῷ περὶ τῶν Παραδόξων Ποταμῶν - Δεῖπνον - Ἄντεια fabula - Φρεῶρυχος - Μισουμένη - Φύλαρχος - τῶν Ἰάμβων - Ἀπελεύθεροι fabula - Ἐφιάλτης - Κρόνος - Ποάστριαι - Τραγωδοί - περὶ Τροφῆς - ἐν τοῖς περὶ Τροφῆς - ἐν Ὀλυμπιονόκαις - ryth. - nem. - ἐν τῷ πρὸς Τέρωνα Σκολίῳ - Σκόλιον in Xenophontem Corinthium - incerta - Αἰ ἄφ' ἱερῶν - Γρῦπες - Ἐορταί - Ζεὺς Κακούμενος - Κλεοφῶν - Λάιος - Μενέλεως - Νύξ Μακρά - Πείσανδρος - Περιαλήγης - Πρέσβεις - Σοφισταί - Σύρφαξ - Ὑπέροβολος - Φάων - Ἀλκιβιάδης - ὁ δεύτερος Ἀλκιβιάδης - ἐν τῷ περὶ Ἀνδρείας - Αρολογίαι - ἐν τῷ Ἀτλαντικῷ - ἐν τῷ Γοργία - ἐν τῷ Εὐθουδήμῳ - Theaet. - Ἰππίας - ἐν τῷ Ἴωνι - † ἐν τῷ Κίμωνι - ἐν Κρατύλῳ - Κριτίας - Κρίτων - ἐν τῷ Κρίτωνι - Λάχης - ἐν τῷ Μενεξένῳ - ἐν (τῷ) Μένωνι - Νόμων - Parmenidis - ἐν (τῷ) Πρωταγόρᾳ - ἐν τῷ Τιμαίῳ - ἐν Φαίδρῳ - ἐν Φιλίβῳ - ἐν τῷ Χαρμίδῃ - ἐν τῷ περὶ ψυχῆς - quae. symp. - τῶν πρὸς Ἀδαῖον καὶ Ἀντίγονον - περὶ τῆς Ἀθήνησιν Ἀχροπόλεως - ἐν τοῖς περὶ Ἀχροπ. - ἐν τοῖς πρὸς Ἀντίγονον περὶ Ζωγράφων - ἐν τῇ πρὸς Ἀράνθιον Ἐπιστολῇ - de Arto Messapiorum rege σύγγραμμα - ἐν τῇ πρὸς Ἄτταλον Ἐπιστολῇ - ἐν τῷ περὶ τοῦ Δίου Κωδίου - ἐν τῷ Περί τῶν κατὰ πόλεις ἐπιγραμμάτων - ἐν τῷ περὶ Θαυμασιῶν - ἐν τῷ Περί τῶν ἐν Καρχηδόνι πέπλων - ἐν τῷ Περί τῶν ἐν Λακεδαιμόνι ἀναθημάτων - ἐν τῷ περὶ (τοῦ) Μορούχου - ἐν ταῖς πρὸς τὸν Νεάνθη Ἀντιγραφαῖς - ἐν τῷ παρὰ Ξενοφῶντι Κανάθρῳ - ἐν τῇ περὶ Ὀνομάτων Ἀδόξων Ἐπιστολῇ - περὶ Παρασῆτων - ἐν τῷ περὶ τῆς Ποικίλης Στοᾶς τῆς ἐν Σικυῶνι - ἐν τῷ περὶ τῶν ἐν Σικυῶνι πινάκων - ἐν τῷ περὶ

Σαμοθράκης - ἐν τῷ Περι τῶν ἐν Σικελίᾳ ποταμῶν - τῶν πρὸς Τιμαῖον - ἐν τοῖς πρὸς Τιμαῖον
 - περὶ Ἀφροδίτης - Λυκιακῶν - τὸ περὶ Ἀφροδισίων σύγγραμμα Philaenidi supposuit - ἐν τοῖς
 Λακωνικοῖς - Δημοτυνδάρειος - Μουσῶν Γοναί - ἐν τοῖς Ῥοδιακοῖς - Ἀποκλειομένη - Ἐφεσία
 - Λοκρίδες - Μεταφερόμενος - Χορεύουσαι - ἐν τῇ Αἰθιοπίδι - ἐν τῇ Ἀσωπίδι - Ἐπιγράμματα
 - ἐν τῇ Ἱστορίᾳ - Ἀμαζονίδος - Μαγνητικῶν - ἐν Δυμαίναις ἢ Καρυάτιν - Ὑπόρχημα - eius
 scolia - ἐν Ἠμιάμβοις - ἐξηγούμενος τὴν κατὰ Διονύσιον (Thracem) διάταξιν (scil. poculi Ne-
 storei) - Ἀκροάσεις Ἐρωτικά - περὶ Δαφνικῶν Ἀγῶνων - τῶν Κομικῶν Ἱστοριῶν - Λακωνικῆς
 Πολιτείας - τῶν περὶ τὸν Φιλοπάτορα Ἱστοριῶν - ἐν ταῖς π. τ. Φ. Ἱστορίαις - Ὑπομνημάτων
 libri fuerunt XXIV - σύγγραμμα περὶ Ὁρχήσεως - Κρητικῶν Νομίμων - ἐν τῷ περὶ Αὐλητῶν
 - περὶ Αἰγίνης - ἐν τῷ περὶ τῆς Ἐρυθρᾶς Θαλάσσης - scol. - Ἄγην σατυρικὸν δράματιον - οἱ
 τὰ Γεωργικὰ συγγράψαντες ἀδελφοὶ - Histor. - Γέλως - ἐν τῷ Φιλίππου Βίῳ - ἐν τοῖς Βίοις -
 ἐν τοῖς περὶ Χαρακτήρων - ἐν πρώτῳ περὶ Εὐρημάτων - ἐν Μελεάγρῳ - ἐν τῇ ἐπιγραφομένη
 Ἱστορίᾳ - περὶ Ἑλληνισμοῦ - ἐν τῷ Ἀλευτικῷ - Δηλιάδος - Νησιάδος - ἐν τῷ περὶ Παιάνων -
 Συνωνύμων - ἐν τοῖς Συνωνύμοις - ἐν τῇ Γοργοῖ - glossae - ἐν δευτέρῳ Ἰάμβων - ἐν Ἰάμβοις
 - ἐν Ἰάμβῳ - Castorionis - ἐν τοῖς Ποιήμασιν - Ἐμφυλίου Πολέμου - Ἐπικλήσεων - ἐν τῷ Περι
 ὄρων καὶ τόπων καὶ πυρὸς καὶ λίθων - διὰ τῶν Νόμων - Γαλάται - Εὐβουλοθεόμβροτος -
 Μυστάκου Θητίον - Νεκυία - Πύλαι - Σίλφαι - Φακῆ - Φυσιολόγος - ἐν τινὶ τῶν συγγραμμά-
 των - Ἀνδροκλῆς - Αἴας - Aiacis Locri - Αἰγέυς - Αἰθίοπες - Ἄμυκος σατυρικός - Ἀμφιάραος
 σατυρικός - Ἀνδρομέδα - Ἀντηγορίδαι - Ἀντιγόνη - Ἀχαιῶν Σύνδειπνον - Ἀχιλλέως Ἐρασταί -
 Ἐλένης Γάμος - Ἐπιταινάριοι - Ἔρις - Electrae - Θαμύρας - Ἰναχος - Ἰφιγένεια - Ἰχνευταί -
 Καμικοί - Κηδαλίων - Κολχίδες - Κρίσις - Λαρισαῖοι - Μάντις? - Νιόβη - Οἰνόμαος - Ποιμένες
 - Σαλμωνεύς - Σκύθαι - Σύνδειπνον - Συνδείπνω - ἐν Συνδείπνοις - Τραχίνιαι - Τριπτόλεμος
 - Τυμπανισταί - Τυρῶ - Φαίακες - ἐν (Μίμοις) Ἀνδρείοις - ἐν (Μίμοις) Γυναικείοις - ἐν Μί-
 μοις - ἐν τῷ Ἀγροιώτῃ - ἐν τῷ Ὀλιεὺς τὸν ἀγροιώταν - ἐν τῷ μίμῳ Γυναίκες αἱ τὰν θεὸν
 φαντὶ ἐξελᾶν - Θυνοθήρας - ἐν τῇ ἐπιγραφομένη Νυμφοπόλῳ - ἐν τῷ Παιδικὰ ποιφυξείς
 - ἐν τῇ Πενθερᾷ - περὶ Ἀλκμᾶνος - περὶ Βασιλείας - ἐν τοῖς Περι θυσιῶν - ἐν Ὁμοίτησιν
 - ἐν τῷ περὶ Χρόνων - Φιλοσόφων Διαδοχῆς - Κρητικῶν - Ἠοῖοι - Δαφνὶς ἢ Λιτυέρσας - ἐν
 τοῖς περὶ Ζῶων - Ἐγκλειόμεναι - Παραλυτρούμενος - ἐν τοῖς περὶ τῶν Τίμωνος Σίλλων -
 Ὁμοίων - ἐν τοῖς Ὁμοίοις - Τέχνη Ἐρωτικῆ - Φιλολάκων - ἐν τοῖς Ἄθλοις - ἐν Γηρουνηίδι -
 ἐν Ἐλένη - Καλύκη - Ὁρεστεία - Παῖδεια - ἐν Συοθήραις - ἐν τῷ περὶ Θεμιστοκλέους καὶ
 Θουκυδίδου καὶ Περικλέους - Ἀπομνημονεύματα - Γεωγραφικῶν - Γεωγραφουμένων - Φοι-
 κίδης - Ἀνθρωπορέστης - Καλλιπίδης - Κινησίας - Λημνομέθα - Μακεδόνες ἢ Πausanias -
 ἐν Μακεδόσιν - ἐν Πausanias - Πausanias - Ποτάμιοι - Τρωῖλος - Χρυσίππος - Ψυχασταί -
 Σατυρικαὶ Κωμῳδία - Ἀμφικτύονες - Ἡσίοδοι - Πρυτάνεις - Στερροί - ἐν τῷ περὶ τοῦ Ἄστεος
 - ἐν Ἄργοι - ἐν τῷ Ἀσκληπιῷ - ἐν Ὑμεναίῳ διθυράμβῳ - ἐν τῷ περὶ Ἀφροδισίων - ὁ πρῶτος
 Γαστρολογίαν γράψας - ἐν τοῖς Ὀρισμοῖς - Ἄισματα - ὁ τὴν Θηβαίδα ποιήσας - ἐν Παλληνίδι
 - ἐν τῇ Χρυσῇ Βύβλῳ - ἐν Ἰθυφάλλοις - ἐν τῇ Βερενίκη - ἐν ταῖς Φαρμακευτρίαις - εἰς τὸν
 Ἔρωτα μέλος - ἐν Κενταύροις διθυράμβῳ - ἐν τινὶ ποιηματίῳ - ἐν (ταῖς) Ἀττικαῖς Γλώσσαις
 - ἐν τοῖς περὶ Ἀγῶνων - Φάσμα ἢ Φιλάργυρος - Φιλοδέσποτος - ἐν ταῖς Ἐλεγείαις - Περι
 τῶν ἐν Ῥόδῳ θυσιῶν - ἐν τοῖς Βακχικοῖς Ἔπεσιν - Βοιωτία - Νεοπτόλεμος - Προϊτίδες - Αἴτια

- ἐν τῷ πρὸς Κάσανδρον περὶ Βασιλείας - ἐν τῷ περὶ Γελοίου - ἐν τῷ περὶ τῶν Δακέτων καὶ Βλητικῶν - ἐν τῷ περὶ Ἐνθουσιασμοῦ - ἐν τῷ Ἑρωτικῷ - ἐν τῷ Περὶ ἑτεροφωνίας τῶν ὁμογενῶν - ἐν τῷ περὶ Εὐδαιμονίας - περὶ Ἡθῶν - περὶ Ἰχθύων? - ἐν τῷ περὶ Κολακείας - ἐν τῷ περὶ Κωμωδίας - ἐν τῷ Περὶ τῶν μεταβαλλόντων τὰς χροῶς - ἐν τῷ Περὶ τῶν ἐν τῷ ξηρῷ διαιτωμένων - ἐν τῷ περὶ Ὀδῶν - ἐν τῷ Περὶ τῶν κατὰ τόπους διαφορῶν - ἐν τῷ περὶ Πιγγμοῦ - ἐν Φυτικαῖς Αἰτίοις - τῶν Αἰτίων - Φυτικῶν Αἰτίων - τῆς (περὶ) Φύτων Ἱστορίας - ἐν τῷ περὶ Φύτων Ἱστορίας - ἐν τῷ περὶ (τῶν) Φωλεούντων - Ἄδμητος - Ἀλθαία - Ἀφροδίτη - Ἡδυχάρης - Μῆδος - Νεμέα - Πηνελόπη - Στρατιώτιδες - Φιλιππικῶν s. Ἱστοριῶν s. Φιλιππικῶν Ἱστοριῶν - ἐν ταῖς πρὸς Ἀλέξανδρον Συμβουλαῖς - ἐν τοῖς περὶ τῆς Χίας Ἐπιστολῆς - ἐν τῷ Περὶ τῶν ἐκ Δελφῶν συληθέντων χρημάτων - ἐν τῷ Κατὰ τῆς Πλάτωνος διατριβῆς - ἐν τῷ ἐπιγραφομένῳ Ἀρματίῳ - ἐν τινι τῶν Προοιμίων - ἐν τῷ εἰς Εὐριπίδην Ἐπιγράμματι - Δείπνον δι' ἐπῶν ἐν ἑνδεκα βιβλίοις ἢ καὶ πλείοσι - Δείπνων - τοῦ Δείπνου - ἐν τοῖς Δείπνοις - ἐν ταῖς πρὸς αὐτὸν Ἀντιγραφαῖς - ἐν τετάρτῳ περὶ τοῦ Ἐρατοσθένους Ἐρμοῦ - Σίλλων - ἐν τοῖς Σίλλοις - κατὰ τὸν Τίμωνος Πρόδικον - Ἰνδαλάτων? - Αἰγύπτιοι - Δῆλος - Δημοσάτυροι - Διονυσιάζουσαι - Δρακόντιον - Ἐπιστολαί - Ἐπιχαιρέκακος - Ἰκάριοι Σάτυροι - Ἰκάριοι - Καύνιοι - Κένταυρος ἢ Δεξάμενος - Κονίσσαλος - Λήθη - Μαραθῶνιοι - Ὀρεσταυτοκλείδης - Πορφύρα - Πύκτης - Φιλοδικαστής - Ψευδολσαι - περὶ Σφαιριστικῆς - ἐν τοῖς Κυπριακοῖς - Κυνάριον - ἐν Κύκλωπι - Ναυτίλος *carmen a Dorione irrisum* - Ὠδῖς - ἐν τοῖς τοῦ Βασιλέως Νόμοις - ἐν τοῖς κύρβεισι τοῖς περὶ τῶν Δηλιαστῶν - ἐν τοῖς Δημοπράτοις - στήλη ἐν Ἀκροπόλει, ἢ τὰ ἀναθήματα περιέχει - στήλη ἐν τῷ Ἀνακείῳ - ψηφίσματα - ἐν Ἀττικῇ Προσωδία - ἐν τοῖς περὶ Σῶων - (περὶ) Ὀνομασιῶν - ἐν τοῖς Ὀνοματικοῖς - Φυτικῶν - Φύτων Ἱστορίας - ἐν τοῖς Φυτικοῖς - Τὸ ἐπὶ τῇ φακῇ μύρον - τῶν Λυδιακῶν - ἐν τοῖς Λυδιακοῖς - Βουκολίων - Πένταθλος - Πρίαπος - ἐν Παρωδίας - ἐν Ἀγησιλάῳ - Ἀλκιβιάδης - Ἀναβάσεως - Ἀπομνημονευμάτων - ἐν (τοῖς) Ἀπομνημονεύμασιν - ἐν τῷ Ἰέρωνι ἢ Τυραννικῷ - ἐν (τῷ) Ἰέρωνι - ἐν τῷ περὶ Ἴπικῆς - ἐν Κυνηγετικῷ - Κύρου Παιδεία - ἐν Οἰκονομικῷ - Παιδείας - ἐν τῷ περὶ Πόρων - ἐν τῷ περὶ τῆς πατρίδος συγγράμματι - Ἀπομνημοεύματα - Ἐπιτομῶν - Ἱστορικὰ Ὑπομνήματα - *ad Hom.* - ἐν τῷ Συγγενικῷ - *popularium carminum* - *Sotadeus versiculus*.

As already explained for the index of Meineke at p. 344, also Kaibel makes an effort to preserve the original Greek forms of work titles cited by Athenaeus. These forms are represented in the database of the *Digital Athenaeus*, but there are many occurrences where information about book numbers and internal divisions of works has been extracted and stored in the database field Sub Work.⁹⁰

90 For example, the expression ἐν τετάρτῳ περὶ Ποιημάτων in the entry of DEMETRIVS ὁ Βυζάντιος at p. 603 of the index has been split into ἐν τετάρτῳ (Sub Work) and περὶ Ποιημάτων (Work).

Finally, the following 136 unique expressions are used by Kaibel to characterize authors in his index:⁹¹

adespota (1) - *alibi ó γλωσσογράφος* (1) - *comici* (3) - *comicus* (98) - *comoediae poetae* (1) - *comoediae veteris poeta* (1) - *cynicus* (2) - *Dieuchis medici discipulus* (1) - *Duridis frater, Theophrasti discipulus* (1) - *elegi* (1) - *Epicureus* (1) - *generis incerti poetae* (1) - *grammatica* (1) - *grammaticus* (20) - *grammaticus?* (3) - *griphi* (1) - *Hadrianae aetatis poeta* (1) - *hexametri* (1) - *hilarodus* (1) - *iambi* (1) - *iambographi* (1) - *iambographus* (1) - *inter Halieuticorum scriptores* (1) - *Iulii Caesaris legatus* (1) - *lyricus* (1) - *Machonis discipulus* (1) - *medicus* (4) - *medicus poeta* (1) - *medicus?* (3) - *melici* (1) - *melicus poeta* (1) - *minor, comicus* (1) - *musicus* (1) - *orator* (7) - *parodi* (1) - *parodiarum scriptor* (1) - *philosophus* (2) - *poeta* (5) - (*poeta*) (1) - *poeta epicus* (1) - *poeta ignotus* (1) - *sophista* (1) - *stoicus* (1) - *tragici* (1) - *tragicus* (10) - *tragicus poeta* (1) - *ἀπὸ τῆς νέας Ἀκαδημίας* (1) - *Ἀριστοτέλους μαθητής;* *ó Ἀριστοτελικός* (1) - *ἐλεγειοποιός* (1) - *ἐποποιός* (1) - *ἡ μελοποιός* (1) - *ιαμβοποιός* (2) - *Ίαμβων ποιήτρια* (1) - *ιατρός* (3) - *ἰλαρῶν ἄσμάτων ποιητής* (1) - *Καλλιμάχου γνώριμος* (1) - *μουσικός* (1) - *ó Ἀκαδημαϊκός* (2) - *ó Ἀλεξάνδρου βηματιστής* (1) - *ó ἀπὸ τῆς στοᾶς* (3) - *ó ἀπὸ τοῦ περιπάτου, τῶν Ἀριστοτέλους μαθητῶν οὐδενὸς δεύτερος* (1) - *ó ἀριθμητικός* (1) - *ó Ἀριστοτέλους γνώριμος* (1) - *ó Ἀριστοτέλους μαθητής* (1) - *ó Ἀριστοφάνειος* (3) - *ó ἄρμονικός* (1) - *ó αὐλητής* (1) - *ó βασιλεύς* (1) - *ó γλωσσογράφος* (1) - *ó γραμματικός* (2) - *ó δεύτερος Εὐεργέτης* (1) - *ó διαλεκτικός* (2) - *ó διθυραμβοποιός* (2) - *ó ἐμὸς συγγραφεύς* (1) - *ó ἐξ Ἀκαδημίας* (1) - *ó ἐπικαλούμενος Ἴαμβος* (1) - *ó ἐποποιός* (5) - *ó Ἐρασιστράτειος* (2) - *ó ζωγράφος* (1) - *ó Ἡροφίλειος* (1) - *ó ἰαμβοποιός* (2) - *ó ἱατρός* (6) - *ó Ἰσοκράτους μαθητής* (2) - *ó ἱστοριογράφος* (1) - *ó Καλλιμάχειος* (2) - *ó Κρατήτειος* (1) - *ó κριτικός* (1) - *ó κυνικός* (3) - *ó κωμικός* (1) - *ó κωμωδιοποιός* (1) - *ó λογοποιός ἢ ἄλλοις τις* (1) - *ó Μαυρουσίων βασιλεύς* (1) - *ó μελοποιός* (2) - *ó μηχανικός* (1) - *ó μουσικός* (2) - *ó νεώτερος* (2) - *ó νομοθέτης* (1) - *ó παρωδός* (1) - *ó περιηγητής* (2) - *ó περιπατητικός* (3) - *ó περιπατητικός, Ἀριστοτέλους μαθητής* (2) - *ó περιπατητικός, ó Ἀριστοτέλους μαθητής* (1) - *ó ποιητής* (3) - *ó Πυθαγορικός* (3) - *ó Πυρρώνειος* (1) - *ó ῥήτωρ* (4) - *ó ῥήτωρ ó ἀπὸ Καλῆς ἀκτῆς* (1) - *ó ῥυθμικός* (1) - *ó Ῥωμαίων στρατηγός* (1) - *ó σοφιστής* (2) - *ó σοφὸς πεμματολόγος* (1) - *ó συγγραφεύς* (1) - *ó Σωκρατικός* (3) - *ó Σωτᾶδου* (1) - *ó τὰ Περσικὰ συγγράψας* (1) - *ó τῆς ἀρχαίας κωμωδίας ποιητής* (1) - *ó τῆς τραγωδίας ποιητής* (1) - *ó τοῦ Ἀρείου* (1) - *ó τοὺς εἰς Χωνιδίην ἀναφερομένους ποιήσας Πτωχούς* (1) - *ó τραγικός* (1) - *ó τραγικὸς ποιητής* (1) - *ó τραγωδοδιδάσκαλος* (1) - *ó Τρύφωνος* (1) - *ó τύραννος* (2) - *ó τῶν κωμωδιῶν ποιητής* (1) - *ó τῶν ποιητῶν βασιλεύς* (1) - *ó φιλόσοφος* (2) - *ó φλυακογράφος, ó παρωδός* (1) - *ó φυσικός* (1) - *οὐχ ὁ Μαρωνεΐτης ἀλλ' ὁ τῆς μέσης κωμωδίας* (1) - *παρωδιῶν ποιητής ἐνδοξότατος, σῶζεται αὐτοῦ τῶν Παρωδιῶν βιβλία τέσσαρα* (1) - *ποιητής* (2) - *ποιητής μοχθηρῶν νόμων* (1) - *ó ῥήτωρ* (3) - *συγγραφεύς* (1) - *τῆς Ἰταλικῆς καλουμένης κωμωδίας ποιητής* (1).

91 This data is extracted from the database field *Characterization* of the digital version of the *Index Scriptorum* of Meineke and is arranged in alphabetical order by language. Numbers in round brackets refer to the total number of occurrences in the field *Characterization* with a distinction by *name* and *ethnicon*.

5.5.3 Kaibel – Dialogi Personae

The Teubner edition of the *Deipnosophists* of Georg Kaibel includes also an index entitled *Dialogi Personae*, where the editor collects references to the following twenty-four *deipnosophistai* and a group of anonymi who participate in the dialogues described by Athenaeus:⁹² Aemilianus Maurus, Alcides Alexandrinus, Amoebeus, Arrianus, Athenaeus Naucratica, Cynulcus, Daphnus Ephesius, Democritus Nicomedensis, Dionysocles, Galenus Pergamenus, Larensis, Leonidas Eleus, Magnus (*fortasse Romanus genere*), Masurius, Myrtilus Thessalus, Palamedes ὁ Ἑλεατικός, Philadelphus Ptolemaeensis, Plutarchus Alexandrinus, Pontianus Nicomedensis, Rufinus Nicaeensis, Timocrati Athenaeus amicus, Ulpianus Tyrius, Varus, Zoilus, and Anonymi.

The digital version of this index has been created with the same method used for the *indices scriptorum* of Meineke and Kaibel starting from the OCR output of the printed edition.⁹³ Also in this case each entry is embedded in a TEI XML element <p>.⁹⁴ Each entry has been structured in order to generate an SQL database that can be queried with the following search fields that are accessible through the *Index Digger*:⁹⁵

- Name 1: character name (e.g., VLPIANVS);
- Name 2: second character name, when applicable (e.g., Maurus);
- Ethnicon: place of origin of a character (e.g., Alexandrinus);
- Characterization: literary genre or profession of a character (e.g., medicus);
- Note: Kaibel notes to name, ethnicon and/or characterization fields (e.g., graece Λαρήνσιος s. Λαρίνσιος ...);
- Speech: references to when and how characters speak in the *Deipnosophists* (e.g., loquitur);
- Athenaeus Book: book numbers of the *Deipnosophists* for each occurrence (e.g., Book 12);
- Casaubon Reference: references to passages in the *Deipnosophists* where characters are cited (e.g., 3.83c);

92 Kaibel (1887–1890), vol. III 561–564. Entries are here reproduced as in the index of Kaibel. The *deipnosophistai* are twenty-two with the addition of the narrator Athenaeus and his interlocutor Timocrates. On the structure of the *Deipnosophists* and its characters, see Wilkins (2000). The edition of Kaibel prints also an *Index Nominum* (677–780) and an *Index Glossarum* (781–810).

93 The digital version of the *Dialogi Personae* is available at <http://digitalathenaeus.org/tools/KaibelDialogiPersonae/>. The printed version is openly available at <https://archive.org/stream/athenaevinacrati03atheoft#page/561/mode/1up> (*Dialogi Personae* p. 561).

94 The XML output is available at https://github.com/OpenGreekAndLatin/athenaeus-dev/blob/master/athenaeusKaibel_3.xml.

95 <http://digitalathenaeus.org/tools/KaibelDialogiPersonae/digger.php>

- Kaibel Reference: conversion of Casaubon references into Kaibel references (e.g., 3.25);
- Note (Reference): Kaibel notes to Casaubon references (e.g., cf. praef. I vi).

Additional output fields are the same of the other indices, ambiguous correspondences between Casaubon sections and Kaibel paragraphs can be voted and disambiguated, and reference ranges are represented like in the *indices scriptorum* of Meineke and Kaibel (see pp. 324 ff.). The following are examples of combined search results: Name 1 (VLPIANVS) AND Speech (loquitur); Name 1 (ANONYMI) AND Athenaeus Book (Book 14); Characterization (grammaticus) OR Characterization (medicus) (fig. 5.15).

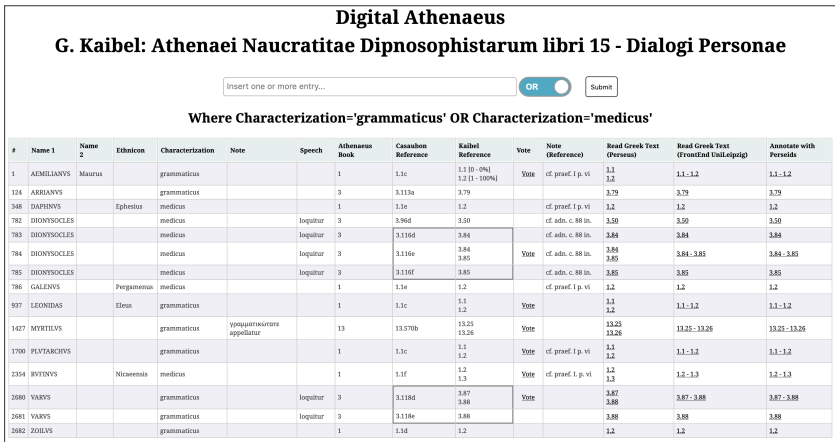


Figure 5.15. Kaibel, *Dialogi Personae*: grammaticus or medicus

Also the *Dialogi Personae* has a *Dynamic Graph* where results can be obtained by filtering data using the following filter fields:⁹⁶

- Name 1: character name (e.g., VLPIANVS);
- Name 2: second character name, when applicable (e.g., Maurus);
- Ethnicon: place of origin of a character (e.g., Alexandrinus);
- Characterization: literary genre or profession of a character (e.g., medicus);
- Speech: references to when and how characters speak in the *Deipnosophists* (e.g., loquitur).

96 http://digitalathenaeus.org/tools/KaibelDialogiPersonae/dynamic_graph.php

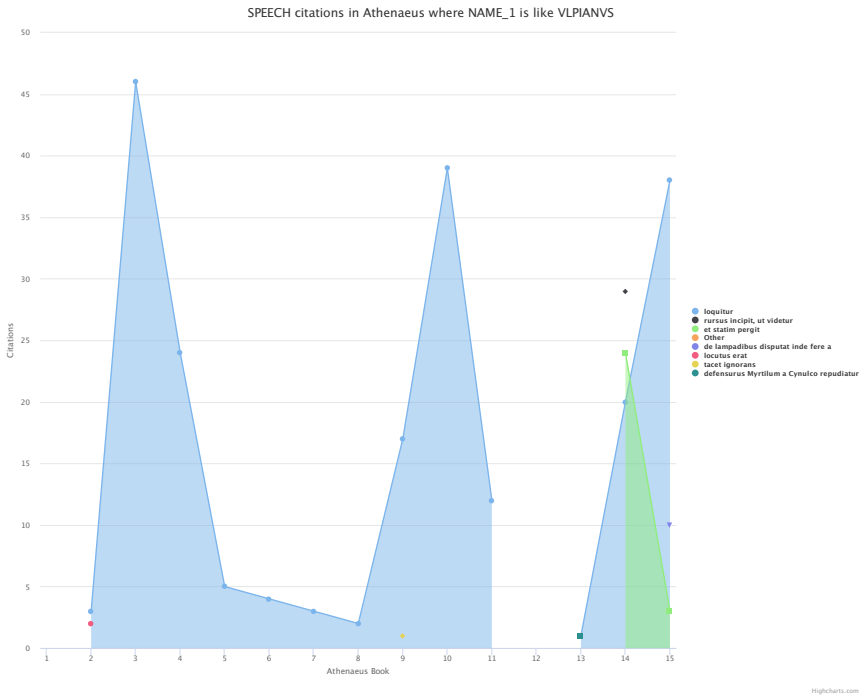


Figure 5.16. *Dynamic Graph (Kaibel, Dialogi Personae): Ulpianus*

The following are examples of filtered search results with their corresponding links to the *Dynamic Graph*: Speech + Name 1 (VLPIANVS) (fig. 5.16); Name 1 + Ethnicon (Alexandrinus). Also in this case results of the *Dynamic Graph* are visualized through *Highcharts*, can be printed, and can be downloaded as PNG image, JPEG image, PDF document and SVG vector image. It is also possible to hide/show graphs by selecting/deselecting entries in the list at the right of the chart, and visualize the number of occurrences in each book of the *Deipnosophists* by hovering the mouse over the selected book.⁹⁷

The *Digital Athenaeus* project provides scholars with a *Web API* with a JSON output of *Index Digger* queries of the *Dialogi Personae* of Kaibel:⁹⁸

```
api.php?what=<search string>&where=<search field>&exact=[yes:no]
```

Search fields of the Web API can be one of the following: name_1, name_2, ethnicon, characterization, note, speech, book, casaubon_reference, kaibel_reference, note_reference. For example, if we want to know when Athenaeus refers to himself in the *Deipnosophists*, we get the following result:⁹⁹

```
[
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "Naucratis",
    "Characterization": "",
    "Note": "",
    "Speech": "",
    "Book": "3",
    "Casaubon_Reference": "3.73a",
    "Kaibel_Reference": "3.2",
    "Note_Reference": "",
    "Is_Range": ""
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "ὁ τῆς βῆλου πατήρ",
    "Note": "",
    "Speech": "",
    "Book": "1",
    "Casaubon_Reference": "1.1a",
    "Kaibel_Reference": "1.1",
    "Note_Reference": ""
  }
]
```

97 Cf. fig. 5.12 for the *Index Scriptorum* of Meineke.

98 <http://digitalatheneus.org/tools/KaibelDialogiPersonae/api.php>

99 http://digitalatheneus.org/tools/KaibelDialogiPersonae/api.php?what=ATHENAEVS&where=Name_1&exact=no


```

    "Is_Range": ""
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "libri argumenta",
    "Note": "",
    "Speech": "",
    "Book": "1",
    "Casaubon_Reference": "1.1a",
    "Kaibel_Reference": "1.1",
    "Note_Reference": "",
    "Is_Range": "range start"
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "libri argumenta",
    "Note": "",
    "Speech": "",
    "Book": "1",
    "Casaubon_Reference": "1.1b",
    "Kaibel_Reference": "1.1",
    "Note_Reference": "",
    "Is_Range": "range"
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "libri argumenta",
    "Note": "",
    "Speech": "",
    "Book": "1",
    "Casaubon_Reference": "1.1c",
    "Kaibel_Reference": "1.1 and/or 1.2",
    "Note_Reference": "",
    "Is_Range": "range"
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "libri argumenta",
    "Note": "",
    "Speech": "",
    "Book": "1",

```

```

    "Casaubon_Reference": "1.1d",
    "Kaibel_Reference": "1.2",
    "Note_Reference": "",
    "Is_Range": "range"
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "libri argumenta",
    "Note": "",
    "Speech": "",
    "Book": "1",
    "Casaubon_Reference": "1.1e",
    "Kaibel_Reference": "1.2",
    "Note_Reference": "",
    "Is_Range": "range"
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "libri argumenta",
    "Note": "",
    "Speech": "",
    "Book": "1",
    "Casaubon_Reference": "1.1f",
    "Kaibel_Reference": "1.2 and/or 1.3",
    "Note_Reference": "",
    "Is_Range": "range end"
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "libri forma",
    "Note": "",
    "Speech": "",
    "Book": "1",
    "Casaubon_Reference": "1.2a",
    "Kaibel_Reference": "1.3",
    "Note_Reference": "ipse Timocrati enarrat dipnosophistarum
sermones, v. TIMOCRATES",
    "Is_Range": ""
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",

```

```

    "Characterization": "eius liber de Syriae regibus",
    "Note": "",
    "Speech": "",
    "Book": "5",
    "Casaubon_Reference": "5.211a",
    "Kaibel_Reference": "5.47",
    "Note_Reference": "",
    "Is_Range": "range start"
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "eius liber de Syriae regibus",
    "Note": "",
    "Speech": "",
    "Book": "5",
    "Casaubon_Reference": "5.211b",
    "Kaibel_Reference": "5.47",
    "Note_Reference": "",
    "Is_Range": "range"
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "eius liber de Syriae regibus",
    "Note": "",
    "Speech": "",
    "Book": "5",
    "Casaubon_Reference": "5.211c",
    "Kaibel_Reference": "5.47",
    "Note_Reference": "",
    "Is_Range": "range"
  },
  {
    "Name_1": "ATHENAEVS",
    "Name_2": "",
    "Ethnicon": "",
    "Characterization": "eius liber de Syriae regibus",
    "Note": "",
    "Speech": "",
    "Book": "5",
    "Casaubon_Reference": "5.211d",
    "Kaibel_Reference": "5.47",
    "Note_Reference": "",
    "Is_Range": "range end"
  }
]

```

The *Dialogie Personae* of Kaibel includes the following 55 unique expressions to characterize the *deipnosophistai*:¹⁰⁰

alii (1) - *appellatur ó Ρωμαίων μεγαλοσοφιστής* (1) - *apud Corinthios publice declamarat* (1) - *cognomine Βλεψιάς* (1) - *cognomine Κειτούκειτος* (1) - *cynicus* (1) - *eius bibliotheca* (1) - *eius liber de Syriae regibus* (1) - *eius mores et ingenium* (1) - *eius mores ingenium doctrina* (1) - *eius προπάτωρ dicitur* (propter studiorum μεταχειρίζεσθαι cf. Dessau 1. s) Varro Menippeus (1) - *grammaticus* (7) - *helluo et lascivus saepius notatur velut* (1) - *Homeri carminum diligentissimus* (1) - *iter fecerat ἐκ Συννάδων εἰς Μητρόπολιν ἀφικνούμενος* (1) - *iure consultus, iamborum poeta, musicus* (1) - *libatione facta et praene recitato dimittit convivias* (1) - *libri argumenta* (1) - *libri forma* (1) - *medicus* (4) - *musicus* (1) - *nomen e Parmenisci symposio petatum videtur* (1) - *pater eius κρηπιδοποιός* (1) - *patria incerta, nam quod dicit κατὰ τὸν ἐμὸν Μεγαλοπολίτην Κερκιδᾶν non Megalopolitanum se esse significat sed cynicum; cynicus enim Cercidas fuit, ut docent versuum reliquiae* (1) - *philosophus* (3) - *placidam mortem obiit* (1) - *procurator prov. Moesiae* (1) - *senex est* (1) - *significatur obscurius ó † Νιττούνης ἡμῶν* (1) - *stoici aderant* (1) - *Ulpiano inimicus* (1) - *Ulpiano ἀεὶ ἀντιχοροσσύμενος* (1) - *utriusque linguae peritus indeque Ἀστροπαῖος vocatus* (1) - *verum nomen Theodorus* (1) - *verum nomen Theodorus, quod ipse celare solet* (1) - *Ἐπικούρειός τις εἰκαδιστής τῶν συνδειπνούντων* (1) - *καθεσταμένος ἐπὶ τῶν ἱερῶν εἶναι καὶ θυσιῶν ὑπὸ τοῦ πάντα ἀρίστου βασιλέως Μάρκου καὶ μὴ ἔλαττον τῶν πατρίων τὰ τῶν Ἑλλήνων μεταχειρίζεσθαι* (1) - *κύον ἀδδεές appellatur ab Ulpiano* (1) - *λογιστής* (1) - *μουσικῆς ἐραστῆς* (1) - *μουσικώτατον appellat Cynulcus* (1) - *ó καθ' ἡμᾶς κίθαρωδός, comparatur cum Amoebeo antiquo citharoeo* (1) - *ó λαμπρός s. καλὸς ἡμῶν ἐστιάτωρ* (1) - *ó μάγειρος, qui Σόφων nomine e comoedia petito appellatur* (1) - *ó ὀνοματολόγος* (1) - *ó τῆς βίβλου πατήρ* (1) - *ó τῶν δειπνῶν ταμίας* (1) - *ó φιλεπιτιμητής* (1) - *τῶν γραμματικῶν τις* (1) - *τῶν κυνικῶν τις* (1) - *τῶν παρασίτων καὶ κολάκων τις* (1) - *τῶν παρόντων ἰατρῶν τις* (1) - *τῶν σοφιστῶν μαγείρων* (1) - *φιλόσοφοι οἱ παρόντες* (1) - *Φοῖνιξ ἄττα γεραῖέ appellatur* (1).

These expressions have of course to be understood in connection with each entry of the *Dialogi Personae* of Kaibel, but nevertheless they reveal the complexity of the references to the protagonists of the dialogues of the *Deipnosophists* and the deep level of interpretation and *annotation* by Kaibel.

100 This data has been extracted from the database field *Characterization* of the digital version of the *Dialogi Personae* of Kaibel and is arranged in alphabetical order by language. Numbers in round brackets refer to the total number of unique occurrences in the field *Characterization* with a distinction by *name* and *ethnicon*.

5.5.4 Olson – Index of Authors, Texts, and Persons

The last index which is available in the *Digital Athenaeus* project is the *Index of Authors, Texts, and Persons* published by Douglas S. Olson in the last volume of his Loeb edition of the *Deipnosophists*.¹⁰¹ This index is not a selection of authors and works cited by Athenaeus, but a list that includes also other persons mentioned in the text, as explained by Olson himself.¹⁰² The reference to the online *Thesaurus Linguae Graecae* (TLG) and the possibility of searching ancient Greek words in text of the *Deipnosophists* is certainly true, but this assertion reveals a traditional perspective with an interest in single occurrences. The same consideration is also valid for names of authors and titles/descriptions of works.

The value of the *indices scriptorum* of August Meineke and Georg Kaibel is due to the efforts made by these editors to extract and disambiguate information pertaining to the citations preserved by Athenaeus.¹⁰³ As we will see in the

101 Olson (2006–2012), vol. VIII 220–360. The digital version of the index is available at <http://www.digitalatheneus.org/tools/OlsonIndex/>.

102 Olson (2006–2012) 219: “This index supersedes those at the end of the first seven individual volumes of the new Loeb Athenaeus, which were prepared by different research assistants working under my supervision, and which accordingly vary somewhat in format, coverage, citation style, and the like. Almost every personal name in the index is followed by a brief identifier. Individuals of primarily historical rather than literary interest are further identified, where possible, by reference to one or more of the relevant standard prosopographies. In the case of obscure homonyms, I have generally chosen to split rather than to combine entries, although absolute consistency in this matter — as in many others — is impossible. Fragmentary authors and texts are identified by the modern editor or editors on whose numbering I have relied; for clarity’s sake, I have attempted to follow the individual preferences of such editors in the use of the designations fr., F, and the like. Occasional parentheses around numbers indicate that while the editor of the standard edition of the author or work in question regards this as a legitimate fragment or testimonium, I do not. Lowercase Roman numerals at the beginning of entries refer to page numbers in the introduction in Volume 1 (LCL 204). Gulick included a separate index of Greek words in the final volume of his Loeb. The ongoing development of digital search tools has made a printed — and thus inevitably selective — Greek index less necessary or useful than one might have been in his day. I have accordingly chosen instead to catalog material less easily accessible via a simple TLG search or the like.” Olson has published also an *Index of Places and People* (ibid. 361–380: “This index includes commodities, flora and fauna, dialects, measures, and the like associated with individual cities, regions, or peoples named in the text. It does not include geographical terms used primarily as identifiers for individuals. Thus, for example, Philip of Macedon is not included here under ‘Macedon.’ Nor does this index include geographical or ethnic terms that are merely part of the titles of literary works (e.g., Aristophanes’ *Lemnian Women* and Crates’ *Attic Dialect*).”)

103 Meineke and Kaibel produced also an *Index Rerum* (in Latin), an *Index Nominum* (in ancient Greek), and an *Index Glossarum* (in ancient Greek) in their editions: see pp. 322, 369, and 370. Charles Gulick, who is referred to by Olson, published a *Greek Index* and an *English Index*: see Gulick (1951–1957), vol. VII 277–327 and 329–345. Cf. also ibid. x: “In the *Indexes*, prepared with the devoted aid of my wife, effort has been made to show as completely as possible the vast scope and encyclopaedic nature of Athenaeus’ work.”

following sections and in particular in the discussion about Named Entity Recognition, this is the reason why the work of Meineke and Kaibel is more useful than the index of Olson in order to provide data for generating a catalog of ancient Greek authors and works in the original language.¹⁰⁴

The index of Olson is now readable as part of the *Digital Loeb Classical Library*, which is accessible with a subscription.¹⁰⁵ This resource allows users to consult the index on the screen, but is not dynamic and doesn't connect index entries with the text of the *Deipnosophists* and other tools. The *Digital Athenaeus* project offers an expanded and dynamic version of the index of Olson that has been generated from the HTML version of it. The output has been structured in an SQL database that can be queried with the following search fields that are accessible through the *Index Digger*:¹⁰⁶

- Name: author/person/god name (e.g., Achaeus of Eretria);
- Identifier: literary genre, profession, or characterization of authors and persons (e.g., philosopher);
- Sub Identifier: further characterization of authors, persons, and gods (e.g., as Mother of the Gods);
- Prosopographical Reference: references to prosopographies (e.g., PAA);¹⁰⁷
- Prosopographical Reference ID: prosopography identifiers for authors and persons (e.g., 101398);
- Work: abbreviation of work titles (e.g., PV);
- Edition: references to modern editions and collections (e.g., FGrH);¹⁰⁸
- Edition ID: edition and collection identifiers for authors and work passages (e.g., 488);
- Passage: work passages cited and quoted in the *Deipnosophists* (e.g., T 1);
- Athenaeus Book: book numbers of the *Deipnosophists* for each occurrence (e.g., Book 7);
- Casaubon Reference: references to passages in the *Deipnosophists* where authors, persons, and texts are cited (e.g., 1.17d);
- Kaibel Reference: conversion of Casaubon references into Kaibel references (e.g., 1.30).

Additional output fields are the same of the other indices, ambiguous correspondences between Casaubon sections and Kaibel paragraphs can be voted and disambiguated, and reference ranges are represented like in the *indices scriptorum*

104 Also the indices of “names”, “things”, and “glossae” produced by Meineke and Kaibel (see n. 103) are useful as disambiguated lists of entries and lemmata than can be used to perform NLP analyses of the text of the *Deipnosophists*.

105 See https://www.loebclassics.com/view/LCL519/2012/pb_LCL519.219.xml (pp. 220–221). On the *Digital Loeb Classical Library*, see p. 47.

106 <http://www.digitalathenaeus.org/tools/OlsonIndex/digger.php>

107 Olson refers to a total of 11 prosopographical resources in his index.

108 Olson refers to a total of 117 editions in his index.

of Meineke and Kaibel.¹⁰⁹ The following are examples of combined search results: Name (Aristophanes) AND Edition (Kassel-Austin eds.); Identifier (historian) AND Athenaeus Book (Book 7); Name (Aeschylus of Alexandria) OR Name (Aeschylus of Athens).

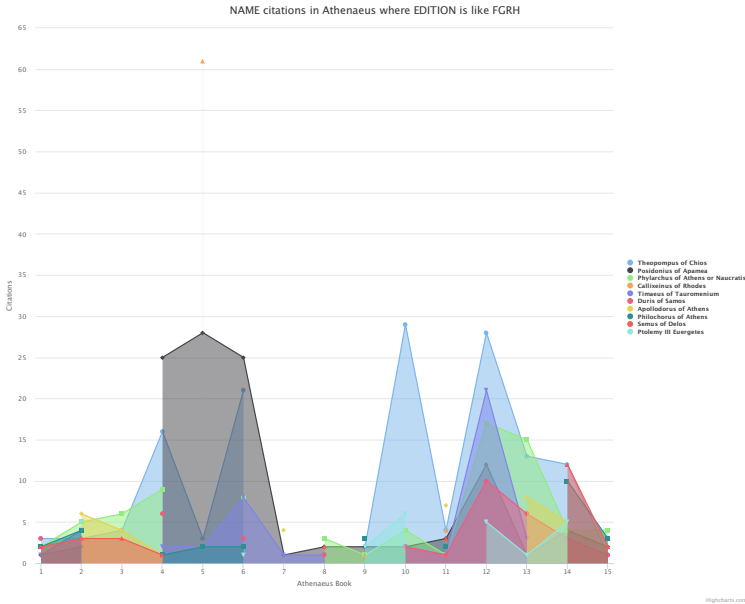


Figure 5.17. *Dynamic Graph (Olson, Index of Authors, Texts, and Persons): FGRH*

Also the *Index of Authors, Texts, and Persons* has a *Dynamic Graph* where results can be obtained by filtering data using the following filter fields:¹¹⁰

- Name: author/person/god name (e.g., Achaeus of Eretria);
- Identifier: literary genre, profession, or characterization of authors and persons (e.g., philosopher);
- Sub Identifier: further characterization of authors, persons, and gods (e.g., as Mother of the Gods);
- Prosopographical Reference: references to prosopographies (e.g., PAA);
- Prosopographical Reference ID: prosopography identifiers for authors and persons (e.g., 101398);
- Work: abbreviation of work titles (e.g., PV);

¹⁰⁹ See pp. 324 ff. The *Index Digger* of the index of Olson provides a further output field, which is called *Note Reference* and visualizes Olson notes to Casaubon references (constituted only by the forms *note*, *round brackets* to refer to the use of () by Olson to embed references, and *with note*).

¹¹⁰ http://digitalatheneaus.org/tools/OlsonIndex/dynamic_graph.php

- Edition: references to modern editions and collections (e.g., FGrH);
- Edition ID: edition and collection identifiers for authors and work passages (e.g., 488);
- Passage: work passages cited and quoted in the *Deipnosophists* (e.g., 1.225).

The following are examples of filtered search results with their corresponding links to the *Dynamic Graph*: Name + Edition (FGrH); Name + Edition (FGrH) – limited to the 10 first results (fig. 5.17); Name + Identifier (goddess). Also in this case results of the *Dynamic Graph* are visualized through *Highcharts*, can be printed, and can be downloaded as PNG image, JPEG image, PDF document and SVG vector image. It is also possible to hide/show graphs by selecting/deselecting entries in the list at the right of the chart, and visualize the number of occurrences in each book of the *Deipnosophists* by hovering the mouse over the selected book.¹¹¹ The *Digital Athenaeus* project provides scholars with a *Web API* with a JSON output of *Index Digger* queries of the *Index of Authors, Texts, and Persons* of Olson:¹¹²

```
api.php?what=<search string>&where=<search field>&exact=[yes:no]
```

Search fields of the Web API can be one of the following: name, identifier, sub_identifier, prosopographical_reference, prosopographical_reference_id, work, edition, edition_id, passage, book, casaubon_reference, kaibel_reference. For example, if we want to know when and how Athenaeus refers to Cleidemus of Athens in the *Deipnosophists*, we get the following result:¹¹³

```
[
  {
    "id_key": "5023",
    "id": "5023",
    "Name": "Cleidemus of Athens",
    "Identifier": "historian",
    "Sub_Identifier": "",
    "Prosopographical_Reference": "",
    "Prosopographical_Reference_id": "",
    "Work": "",
    "Edition": "FGrH",
    "Edition_id": "323",
    "Passage": "F 11",
    "Book": "6",
    "Casaubon_Reference": "6.235a",
    "Kaibel_Reference": "6.26",
    "Votes": "0",
    "Is_Range": ""
  }
]
```

111 Cf. fig. 5.12 for the *Index Scriptorum* of Meineke.

112 <http://digitalathenaues.org/tools/OlsonIndex/api.php>

113 <http://digitalathenaues.org/tools/OlsonIndex/api.php?what=CleidemusofAthens&where=Name&exact=yes>


```

    "Note_Reference": ""
  },
  {
    "id_key": "5024",
    "id": "5024",
    "Name": "Cleidemus of Athens",
    "Identifier": "historian",
    "Sub_Identifier": "",
    "Prosopographical_Reference": "",
    "Prosopographical_Reference_id": "",
    "Work": "",
    "Edition": "FGrH",
    "Edition_id": "323",
    "Passage": "F 5a",
    "Book": "14",
    "Casaubon_Reference": "14.660a",
    "Kaibel_Reference": "14.78@14.79",
    "Votes": "0",
    "Is_Range": "range start",
    "Note_Reference": ""
  },
  {
    "id_key": "5025",
    "id": "5025",
    "Name": "Cleidemus of Athens",
    "Identifier": "historian",
    "Sub_Identifier": "",
    "Prosopographical_Reference": "",
    "Prosopographical_Reference_id": "",
    "Work": "",
    "Edition": "FGrH",
    "Edition_id": "323",
    "Passage": "F 5a",
    "Book": "14",
    "Casaubon_Reference": "14.660b",
    "Kaibel_Reference": "14.79",
    "Votes": "0",
    "Is_Range": "range end",
    "Note_Reference": ""
  },
  {
    "id_key": "5026",
    "id": "5026",
    "Name": "Cleidemus of Athens",
    "Identifier": "historian",
    "Sub_Identifier": "",
    "Prosopographical_Reference": "",
    "Prosopographical_Reference_id": "",
    "Work": "",

```

```
    "Edition": "FGrH",
    "Edition_id": "323",
    "Passage": "F 5b",
    "Book": "14",
    "Casaubon_Reference": "14.660d",
    "Kaibel_Reference": "14.79@14.80",
    "Votes": "0",
    "Is_Range": "range start",
    "Note_Reference": ""
  },
  {
    "id_key": "5027",
    "id": "5027",
    "Name": "Cleidemus of Athens",
    "Identifier": "historian",
    "Sub_Identifier": "",
    "Prosopographical_Reference": "",
    "Prosopographical_Reference_id": "",
    "Work": "",
    "Edition": "FGrH",
    "Edition_id": "323",
    "Passage": "F 5b",
    "Book": "14",
    "Casaubon_Reference": "14.660e",
    "Kaibel_Reference": "14.80",
    "Votes": "0",
    "Is_Range": "range end",
    "Note_Reference": ""
  },
  {
    "id_key": "5028",
    "id": "5028",
    "Name": "Cleidemus of Athens",
    "Identifier": "historian",
    "Sub_Identifier": "",
    "Prosopographical_Reference": "",
    "Prosopographical_Reference_id": "",
    "Work": "",
    "Edition": "FGrH",
    "Edition_id": "323",
    "Passage": "F 5c",
    "Book": "10",
    "Casaubon_Reference": "10.425e",
    "Kaibel_Reference": "10.26",
    "Votes": "0",
    "Is_Range": "",
    "Note_Reference": ""
  }
]
```

The index of Olson includes the following 1,293 unique English expressions to identify authors, texts, and persons:¹¹⁴

accompanied Jason (1) - Achaean deity (1) - actor (5) - addressee of Alcaeus (1) - addressee of Anacreon (1) - addressee of Arcestratus of Gela (2) - addressee of Lynceus of Samos (1) - addressee of Nicaenetus (1) - addressee of Parmeniscus and historian (1) - addressee of Pindar (1) - addressee of Sappho (1) - addressee of Semonides (1) - addressee of Theognis (1) - agent of Philip II (1) - Alexander the Great's chief financial officer in Egypt (1) - Alexander's regent in Greece (1) - alleged inventor of dialogue genre (1) - alleged plagiarist (1) - alleged Pythagorean (3) - ally of Heracles (1) - ally of Philip II (1) - also known as Hellôtis (1) - also known as Lightning-Bolt (1) - Amazon mother of Hippolytus (1) - ambassador to Artaxerxes II (1) - ambassador to Dionysius II (1) - ambassador to Nicodemus (1) - ambassador to Persia (2) - ambidextrous Homeric hero (1) - ancestor of Altheplius (1) - ancestor of Leagrus (1) - Apollo's priestess (1) - Apollo's priestess at Delphi (1) - Ares-like deity (1) - aristocrat (1) - Ariston's general on Delos (1) - artisan (1) - as Clymenus (1) - as god (1) - as Heracles' mother (1) - as historian (1) - as Lord of Hosts (1) - as Prytanitis (1) - as Theodorus (1) - aspired to tyranny (2) - assessor (1) - associate of Alexander the Great (6) - associate of Antagoras of Rhodes (1) - associate of Demetrius Poliorcetes (3) - associate of Philip II (2) - associate of Philip II and Plato (1) - associate of Socrates (2) - associate of Socrates and sophist (1) - associate of Socrates and Xenophon (1) - associated with Dionysus and drinkers (1) - astronomer-poet (1) - Athenaeus' interlocutor, ix (1) - Athenian general (3) - Athenian priestly family (2) - athlete (2) - athlete and glutton (3) - athletic trainer (3) - attempted coup against Antiochus VIII (1) - attendant of pampered Paphian boy (3) - Attic hero (1) - aulode (2) - author of amusing songs (1) - author of Art of Fishing (1) - author of Art of Interpretation (1) - author of Changes of Names (1) - author of Cynics' Drinking Party, xiii (1) - author of epic poem about Heracles (1) - author of epic poem on fishing (1) - author of Erotic Technique (1) - author of Geography (1) - author of Halieutica (2) - author of Humorous Memoirs (1) - author of hymn to Glaucus (1) - author of Korônistai (1) - author of Literal Tragedy (1) - author of Maritime Occupations (1) - author of Obscure Sayings (1) - author of On Animals (1) - author of On Epigrams (1) - author of On the Sense of Words (1) - author of On the Stage (1) - author of Origin of Birds (1) - author of paeans (1) - author of Paignia (2) - author of Returns (1) - author of riddle (1) - author of Strange Creatures (1) - author of The Host (1) - author of Theatrical Commentaries (1) - author of treatise on agriculture (1) - author of treatise on Alcman (1) - author of treatise on ball-playing (1) - author of treatise on bread-making (1) - author of treatise on cake-making (5) - author of treatise on cakes (1) - author of treatise on citharodes (1) - author of treatise on Cleoboulina's Obscure Sayings (1) - author of treatise on cooking (2) - author of treatise on dancing (1) - author of treatise on Elean festivals (1) - author of treatise on farming (2) - author of treatise on figs (1) - author of treatise on fish (1) - author of treatise on fishing (3) - author of treatise on flowers (1) - author of treatise on great ship of Hieron I (1) - author of

114 This data represents the language of Olson, has been extracted from the field Identifier of the database, and is arranged in alphabetical order. Numbers in round brackets refer to the total number of unique occurrences in the field Identifier with a distinction by Name.

treatise on iambic poets (1) - author of treatise on mechanics (1) - author of treatise on mining (1) - author of treatise on music (1) - author of treatise on perfumes and garlands (1) - author of treatise on pipe-players (2) - author of treatise on pipes and pipe-players (1) - author of treatise on proverbs (1) - author of treatise on Red Sea (1) - author of treatise on root-gathering (1) - author of treatise on sculptors (1) - author of treatise on sex (1) - author of treatise on siege-machinery (1) - author of treatise on siege-machines (1) - author of treatise on Syracusan institutions (1) - author of treatise on triremes (1) - author of treatise on vegetables (1) - author of treatise on wild animals (1) - author of treatise on wreaths (1) - author of treatise on wreaths or flowers (1) - author of treatises on music and choruses (1) - author of treatises on vegetables, saltfish, and shellfish (1) - author(s) of treatise(s) on cooking (1) - baker (1) - ballplayer (1) - ballplayer and brother of sophist Theocritus (1) - banker (2) - bard of Astyages (1) - bartender (1) - beautiful and wise woman (1) - befriended dolphin (1) - belletrist and wit, xiii (1) - beloved of Agamemnon (1) - beloved of Alcibiades (1) - beloved of Alcman (1) - beloved of Aphrodite (2) - beloved of Argynnus (1) - beloved of Cyclops (1) - beloved of Eriphanis (1) - beloved of Glaucus (1) - beloved of Philoxenus (1) - beloved of Pindar (1) - beloved of Pythagoras (1) - beloved of Sappho (1) - beloved of Zeus (1) - benefactor of Athens (1) - besieged Phalanthus king of Ialysus (1) - betrayed Greeks to Tissaphernes (1) - betrayed Phalanthus king of Ialysus (1) - biographer and poet (1) - bodyguard and successor of Alexander the Great (1) - Boeotian deity (2) - book-collector (2) - boy befriended by dolphin (1) - boy loved by Atticus (1) - boy loved by goose (1) - boyfriend of Antiochus II (1) - boyfriend of Demetrius of Phaleron (1) - boyfriend of Demosthenes (1) - boyfriend of emperor Hadrian (1) - boyfriend of Epaminondas of Thebes (1) - boyfriend of Sophocles (1) - breastplatemaker (1) - bride of Antiochus III (1) - bridegroom mentioned by Asius (1) - brother of Alcibiades (1) - brother of Cassander of Macedon and founder of Ouranopolis (1) - brother of Cleopatra (1) - brother of Cnopus (1) - brother of Demetrius of Phaleron (1) - brother of Euthydemus (1) - brother of Homeric Ajax of Salamis (1) - brother of Menecrates the Epicurean (1) - brother of Pythodorus of Athens (1) - brother of Sappho (2) - bucolic and epigrammatic poet (1) - called Apollo by Menecrates of Syracuse (1) - called Mentor (1) - Calm personified (1) - Cassander's general (1) - Cassander's general in Munychia (1) - catalogue poet (1) - cause of Crisaic War (1) - cause of Third Sacred War (1) - Celtic chieftain (1) - centaur (2) - charlatan (1) - chief official of Lysimachus (1) - child of Fish and Peace-and-Quiet (1) - cithara-player (1) - citharaplayer (1) - citharode (11) - citharode and deipnosophist (1) - citharode and dithyrambic poet (1) - citharode and lyric poet (1) - citharodic parodist (1) - clever lover (1) - cleverly evaded sumptuary law (2) - client of Eirenis (1) - client of Nico (1) - client of Phryne of Thespieae (1) - close friend of Ctesippus (1) - clown (1) - co-founder of Olympic games (1) - collector of cups (1) - comedian (2) - comedian and dancer (1) - comic (1) - comic actor (6) - comic and iambic poet (1) - comic cook (1) - comic poet (111) - comic poet and anecdotalist (1) - comic poet and memoirist (1) - comic poet, 1.4d n. (1) - comic slave (1) - commander and successor of Alexander the Great (1) - commented on lentil soup in tragedy (1) - companion of Alexander the Great (3) - companion of Alexander the Great and historian (1) - companion of Alexander the Great and satrap of Lydia (1) - companion of Dionysus and

Homeric priest of Apollo at Ismarus (1) - companion of Heracles (1) - companion of Mimnermus (1) - companion of Socrates (1) - companion of Xenophon (3) - compared to Rhadamanthys (1) - composed fables (1) - concubine associated with Oxyartus (1) - concubine of Achilleus (1) - concubine of Agamemnon (1) - concubine of Heracles (1) - consumed only milk (1) - cook (13) - cook and first Olympic victor (1) - cook for Demetrius of Phaleron (1) - cook for Olympias and Alexander the Great (1) - cook in Larensius' house (1) - cookbook author (8) - correspondent of Lynceus of Samos (1) - courtesan (81) - courtesan and glutton (1) - courtesan and lover of Demetrius Poliorcetes (1) - courtesan and lover of Hermesianax of Colophon (1) - courtesan and lover of Menander (1) - courtesan and lover of Ptolemy II (4) - courtesan and lover of Ptolemy IV (1) - courtesan and lover of Seleucus II (2) - courtesan and mother of younger Laïs (1) - courtesan and notorious drinker (1) - courtesan and owner of Bacchis (1) - courtesan and student of Plato (1) - courtesan associated with Alcibiades (1) - courtesan associated with Alexander the Great and Ptolemy I (1) - courtesan associated with Antimachus of Colophon (1) - courtesan associated with Charaxus (1) - courtesan associated with Cyrus the Younger (1) - courtesan associated with Demetrius of Phaleron (1) - courtesan associated with Demetrius Poliorcetes (4) - courtesan associated with Epicurus (1) - courtesan associated with Harpalus (1) - courtesan associated with Hyperides (2) - courtesan associated with Isocrates (1) - courtesan associated with Lamynthius of Miletus (1) - courtesan associated with Lysias (1) - courtesan associated with Lysias and Isocrates (1) - courtesan associated with Sophocles (2) - courtesan associated with Stephanus (1) - courtesan associated with Themistocles (1) - courtesan beloved of Pericles and Socrates (1) - courtesan in Alexandria (1) - courtesan loved by Harpalus (1) - courtesan loved by Ion (1) - courtesan mentioned by Hedylus (1) - courtesan murdered in temple of Artemis (1) - credited with the invention of Phrygian scale (1) - creditor (1) - Cretan lawgiver (1) - critic of Aristotle (2) - crossed desert without growing thirsty (1) - cured of epilepsy by Menecrates of Syracuse (1) - Cynic philosopher (4) - Cynic philosopher and deipnosophist, x (1) - Cyrenaic philosopher (1) - dancer (9) - dancer and choreographer (1) - dancer and flatterer (1) - dancing-girl favored by Philomelus of Thebes (1) - dandy (1) - daughter of Acrisius and mother of Perseus (1) - daughter of Agemon (1) - daughter of Aristeides of Athens, purported wife of Socrates (1) - daughter of Cadmus (1) - daughter of Cleisthenes of Sicyon (1) - daughter of Eurystheus (1) - daughter of Gnathaena, Courtesan (1) - daughter of Homartes and most beautiful woman in Asia (1) - daughter of Icarius (1) - daughter of Janus (1) - daughter of King Cecrops of Athens (1) - daughter of Leontion the Epicurean (1) - daughter of Megacles of Alexandria, female trumpeter (1) - daughter of Minos (1) - daughter of Nanos, renamed Aristoxene (1) - daughter of Neaira (1) - daughter of Oxylus (1) - daughter of Phalanthus, king of Ialysus (1) - daughter of Philip II (2) - daughter of Procles, married Periander of Corinth (1) - daughter of Pronax (1) - daughter of Ptolemy I and Thaïs (1) - daughter of Socrates, wife of Hipparchus son of Pisistratus (1) - daughter of Thyrsus (1) - daughter of Triopas (1) - daughters murdered Minos (1) - daughters of Atlas and Pleione (2) - dealer in castrated boys (1) - deceitful employer of Heracles (1) - dedicant at Delphi (1) - dedicated cup on Delos (1) - dedicated hair at Delphi (1) - dedicated Scholar (1) - deipnosophist (3) - deity (3) - deity worshipped in Munychia (1) - delivered Against Neaira (1) -

demagogue (2) - devotee of Leto (1) - devotee of sympotic pleasure (1) - didactic poet (2) - didactic poet, historian, and grammarian (1) - dinner-guest of Ptolemy I (1) - discussed birth of Helen from egg (1) - distinguished theatrical figure (1) - dithyrambic parodist (1) - dithyrambic poet (6) - dithyrambic, epic, and epigrammatic poet (1) - dogs Pythodelus (1) - doomed lover (1) - drinker (1) - drinker mentioned by Alcaeus (1) - drinker mentioned by Hedylus (1) - drinking-companion of Pindar (1) - drowned Atargatis and Ichthys (1) - early Greek king (1) - effeminate (1) - Egyptian dancer and fertility god (1) - Egyptian deity (1) - Egyptian king (1) - Egyptian lover of Ptolemy II (1) - elegiac poet (7) - elegiac poet and general (1) - Eleusinian hierophant and enemy of Aristotle (1) - emaciated (1) - emaciated politician (1) - Emesan deity (1) - enemies of Olympian gods (2) - enemy of Antigonus Gonatas (1) - enemy of Aristotle (1) - enemy of Epicurus (1) - enemy of Heracles (1) - enemy of King Agesilaus of Sparta (1) - enemy of Mimnermus (1) - enemy of Philip II (1) - engineer (3) - engraver of cups (7) - entertained narrator of Callimachus' *Hecale* (1) - envoy to Delphi (1) - envoy to Gelon (1) - epic and elegiac poet (1) - epic and epigrammatic poet (1) - epic and tragic poet and historian (1) - epic hero and enemy of Odysseus (1) - epic poet (8) - epic poet and memoirist, author of *Erotica* (1) - epic poet, author of *Sack of Troy* (1) - epic, lyric, and epigrammatic poet and grammarian (1) - epic/elegiac (1) - Epicurean philosopher (4) - Epicurian philosopher and tyrant of Samos (1) - epigrammatic poet (7) - epigrams (1) - epinician poet (2) - eponymous archon for 348/7 BCE (1) - eponymous archon for 349/8 BCE (1) - eponymous archon for 366/5 or 323/2 BCE (1) - eponymous archon for 403/2 BCE (1) - eponymous archon for 406/5 BCE (1) - eponymous archon for 417/6 BCE (1) - eponymous archon for 420/19 BCE (1) - eponymous archon for 421/0 BCE (1) - eponymous archon for 422/1 BCE (1) - eponymous archon for 423/2 BCE (1) - eponymous archon for 424/3 BCE (1) - eponymous archon for 429/8 BCE (1) - eponymous archon for 430/29 BCE (1) - eponymous archon for 431/0 BCE (1) - eponymous archon for 432/1 BCE (1) - eponymous hero of tragedy by Antiphon (1) - erotic Poet (2) - eunuch loved by Alexander the Great (1) - eunuch of Sardanapallus (1) - Euripidean hero (1) - expert at games (2) - explored Moroccan coast (1) - father of Ajax and companion of Heracles (1) - father of Alcibiades (1) - father of Alcyone (1) - father of Amphithea (1) - father of Andocides (1) - father of anonymous glutton attacked by Hipponax (1) - father of Anticleia (1) - father of Daochos (1) - father of Glaucus (3) - father of Hamadryad nymphs (1) - father of Homeric Achilles (1) - father of Lamia (1) - father of Lepreus (1) - father of Molionidae (1) - father of Musaeus (1) - father of Ocyroe (1) - father of Odysseus (1) - father of Olympian gods (1) - father of Orpheus (1) - father of Oxylus and Hamadryas (1) - father of Penelope (1) - father of Philoxenus the glutton (1) - father of Phoenix (1) - father of Pleiades (1) - father of Scylla (1) - father of Sepia (1) - father of Theodorus the pipe-player (1) - father of Theseus (1) - father of tortoise (1) - father-in-law of Antiochus III (1) - father of Callias (1) - favorite of Lysimachus (1) - fell in love with statue (1) - female glutton (1) - ferryman of the Underworld (1) - ferryman transformed into fish (1) - first author of a *Gastrology* (1) - first teacher of hoplite fighting (1) - first wife of Aegeus (1) - fish-seller (2) - fisherman transformed into fish (1) - fishseller (1) - flatterer of Agathocles son of Oenanthe (1) - flatterer of Alexander II (1) - flatterer of Alexander the Great (1) - flatterer of Antigonus Doson (1) - flatterer of Attalus I (1) - flatterer of Cavarus of

Thrace (1) - flatterer of Dionysius I (1) - flatterer of Dionysius II (1) - flatterer of Dionysus I and II (1) - flatterer of Hieronymus of Syracuse (1) - flatterer of Hieronymus of Syracuse (1) - flatterer of Licinius Crassus and tyrant (1) - flatterer of Mithridates VI (1) - flatterer of Persian king (1) - flatterer of Philip II (1) - flatterer of Philip V (1) - flatterer of powerful men (1) - flatterer of Ptolemy III (1) - flatterer of Seuthes of Thrace (1) - flatterer of Sisyphus of Pharsalus (1) - food-snatching monsters (1) - fought Achilles (1) - founder of Gela (1) - founder of Ozolian Locris (1) - founder of Phaselis (1) - founder of Rome (1) - founder of Syracuse (1) - friend of Alcibiades (1) - friend of Alexander the Great (1) - friend of Arcestratus of Gela (1) - friend of Epicurus (1) - friend of Heracles (1) - friend of Naïs (1) - friend of Pompeianus of Philadelphia (1) - friend of Roman emperor Trajan (1) - friend of Sophocles and Athenian proxenos (1) - gambler (1) - gastronomic poet (1) - gave name to Altheplian vine (1) - gave name to Anthedonias wine (1) - gave name to drinking vessel (1) - gave name to Hypereias wine (1) - general (22) - general at Arginusae (1) - general at Delium (1) - general of Alexander the Great (1) - general of Demetrius II Nicator (1) - general of Philip II (1) - general of Philip II and companion of Alexander the Great (1) - general of Ptolemy II (1) - generous host (1) - geographer (6) - Giant (1) - giant hunter (1) - giant killed by Athena (1) - girl described by Sappho (1) - glutton (28) - glutton and cookbook author (1) - glutton and opponent of Heracles (1) - gnomic poet (1) - goat that nursed Zeus (1) - god of healing (1) - goddess (3) - goddess of retribution (1) - goddess who supplies prophecies via dreams (1) - got books of Euripides and Aristotle (1) - got Persian gold (1) - grammarian (49) - grammarian and author of treatise on cooking (1) - grammarian and deipnosophist (5) - grammarian and deipnosophist, xi (1) - grammarian and historian (1) - grammarian and student of Aristonicus (1) - grammarian and student of Tryphon (1) - grammarian and symposiarch, x, xi, xii (1) - grammarian or historian (1) - grammarian, xiii (1) - grandson of Demetrius of Phaleron and spendthrift (1) - guard-dog of Underworld (1) - guest at symposium (1) - harp-player (3) - harpplayer (1) - head of the Academy (1) - Health personified (1) - hedonist (5) - hedonist mentioned by Anacreon (1) - hedonist mentioned by Archilochus (1) - hedonist philosopher, xiii (1) - Heracles' teacher (1) - herald and mimeactor (1) - herald of Heracles (1) - hero (2) - hero and son of Danae (1) - Herodotean courtesan (1) - Hesiodic Hundredhander (1) - hexameter poet (2) - hierophant (1) - hilarodic poet (1) - historian (193) - historian and boyfriend of Antiochus II (1) - historian and comic actor (1) - historian and grammarian (3) - historian and orator (1) - historian and poet (2) - historian and rhetorician (1) - historian of philosophy (1) - historian or grammarian (1) - historian(s) (1) - historian, epic poet, and grammarian (1) - historian, grammarian, and lyric poet (1) - holy man and possible author of Telchian History (1) - Homeric Athena in disguise (1) - Homeric bard (2) - Homeric companion of Achilles (1) - Homeric goatherd (1) - Homeric goddess (1) - Homeric herald (2) - Homeric hero (16) - Homeric king of Phaeacia (1) - Homeric king of Pylos (1) - Homeric monster (1) - Homeric princess (1) - Homeric singers (1) - Homeric Trojan (1) - Homeric villain (1) - Homeric warrior (2) - Homeric whirlpool (1) - Homeric witch (1) - horse belonging to Helios (1) - horse-men associated with Dionysus (1) - host of Cynic drinking party (1) - host of dinner party attended by Philoxenus the Heel-tapper (1) - host of Helen and Menelaus (1) - host of Heracles (1) - host of the dinner-party, viii (1)

- host of Xenophon (1) - hosted Astyanax of Miletus (1) - hosted enormous feast (1) - hosted Euphorion at dinner (1) - hosted Himerus (1) - hosted wedding feast attended by Hippolochus of Macedon (1) - hosted Xerxes' army (1) - human being transformed into Poseidon's groom (1) - iambic poet (9) - indecent poet (2) - Indian deity (1) - Indian king (1) - Indian philosopher (1) - invective poet and philosopher (1) - invented sikinnisdance (1) - inventor of Pan-pipe (2) - inventor of pneumatic devices (1) - inventor of satyrdance (1) - Ionicologos (1) - Ionikologos (2) - ithyphallic deity (2) - ithyphallic poet (1) - Kerykid priest and grammarian (1) - kidnapped by Glaucus (1) - king of Argos (1) - king of Argos and father of Danae (1) - king of Armenia (1) - king of Assyria (2) - king of Athens (10) - king of Avernians (1) - king of Babylon and Seleucia (1) - king of Bithynia (4) - king of Boeotian Orchomenos (1) - king of Cappadocia (1) - king of Crete (1) - king of Crobyzoi (1) - king of Cyprian Salamis (3) - king of Cyprian Soli (1) - king of Cyprus (1) - king of Cyprus and father of Adonis (1) - king of Cyrene (1) - king of Egypt (15) - king of Egypt and memoirist (1) - king of Epirus (1) - king of Ialysus (1) - king of Illyria (2) - king of India (1) - king of Iolcus (1) - king of Lapiths (1) - king of Leleges (1) - king of Libya (1) - king of Lydia (5) - king of Lydia and glutton (1) - king of Macedon (8) - king of Macedon and brother of Philip II (1) - king of Macedon and father of Alexander the Great (1) - king of Macedon and notorious drinker (1) - king of Marathoi and father of Odatis (1) - king of Massilia (1) - king of Mauretania and historian (1) - king of Molossia (1) - king of Numidia (1) - king of Odrysia (1) - king of Oechalia (1) - king of Paphlagonia (1) - king of Parthia (1) - king of Pergamum (4) - king of Persia (7) - king of Pherae (1) - king of Phrygia (1) - king of Phylace (1) - king of Pontos (2) - king of Rhodes (1) - king of runaway slaves (1) - king of Salmydessus (1) - king of Sidon (1) - king of Sipylus and father of Pelops (1) - king of Sotiani (1) - king of Sparta (10) - king of Syria (6) - king of Syria (unclear which) (1) - king of Taphians (1) - king of the Celaenai and glutton (1) - king of the Celts (2) - king of the Lapiths (1) - king of the Medes (1) - king of the Messapians (1) - king of Thebes (4) - king of Thessaly (1) - king of Thrace (4) - king of Troy (1) - king of Troy and father of Ganymede (1) - king visited by ambassadors from Tauromenium (1) - lawgiver (2) - lawgiver and sage (1) - lawgiver of Catana in Sicily (1) - lawgiver of Epizypherean Locris (1) - lawgiver, elegiac poet, and sage (1) - leader of Argonauts (1) - led colony to Lesbos (1) - led revolt against Pisistratids (1) - left cup as prize for wisdom (1) - legal guardian of Naïs (1) - legal scholar, poet, and deipnosophist, xi (1) - legendary founder of Carian Cnidus (1) - legendary founder of Erythrae (1) - legendary founder of Thebes (1) - legendary seer (2) - lexicographer and deipnosophist (1) - librarian of Alexandria, poet, historian, and philosopher (1) - Libyan nomad credited with inventing pipe-playing (1) - literary historian (1) - litigant (1) - lord of Underworld (1) - love interest of Calycê (1) - love personified (1) - love-interest of Harpalycê (1) - love-object in Callimachus (1) - love-object of Ibycus (1) - love-object of Pindar (1) - loved Pyrrhus (1) - lover of Agathon (1) - lover of Alcibiades (1) - lover of Archippe (1) - lover of Cratinus of Athens (1) - lover of Dorus (1) - lover of Hesiod (1) - lover of Laïs (1) - lover of Musaeus (1) - lover of Naïs (1) - lover of Neaira (1) - lover of Nico (1) - lover of Orpheus (1) - lover of Ptolemy II (1) - lover of Python (1) - lover of Rhadamanthys the Just (1) - lover of Seleucus II (1) - lover of Telesis (1) - lover of Zeus (2) - lyre-

player (3) - lyreplayer (3) - lyreplayer and magician (1) - lyric (1) - lyric and elegiac poet (1) - lyric and epigrammatic poet (1) - lyric and tragic poet (1) - lyric poet (14) - lyric poet and joker (1) - lyric poetess (3) - Macedonian nobleman and general (1) - Macedonian princess (2) - made witty remark about parasite (1) - magician (3) - magician and mime-actor (1) - magician and musician (1) - married daughter of King Nanos (1) - married Strymbele/Phano (1) - masterbuilder (1) - mathematician (1) - mathematician and geographer (1) - Megarian philosopher (1) - member of Areopagus Council and Parasite (1) - member of court of Demetrius Poliorcetes (2) - member of Socrates' circle (1) - Memory personified (1) - mentally defective son of Philip II (1) - mentioned by Callimachus (1) - mentioned by Hipponax (1) - mercenary commander (2) - messenger of the gods (1) - metal-worker (1) - metalworker (1) - military commander (1) - military commander and glutton (1) - mime-actor (2) - mime-actress and lover of Ptolemy II (1) - mime-author (1) - mimeauthor (1) - mimic (1) - mistress of Dionysius I of Syracuse (1) - mocked as fox-shit (1) - monster (2) - monster that plagued Thebes (1) - monstrous enemy of gods (1) - monstrous herdsman (1) - monstrous snake killed by Apollo (1) - mortal father of Heracles (1) - mortal loved by Sleep (1) - mortal lover of Dawn (2) - mortal lover of Demeter (1) - mother of Achilles (1) - mother of Ajax (1) - mother of Alcibiades (1) - mother of Alexander the Great (1) - mother of Arrhidaeus (1) - mother of Bion of Borysthenes (1) - mother of Callistion (1) - mother of courtesan Glycera (1) - mother of Dionysus (1) - mother of Glaucus (2) - mother of Hamadryad Nymphs (1) - mother of Hedyle (1) - mother of Helen and Dioscuri (1) - mother of Heracles (1) - mother of Hermes (1) - mother of Lepreus (1) - mother of Lysandridas (1) - mother of Mopsus (1) - mother of Odysseus (1) - mother of Olynthus (1) - mother of Philetaerus of Pergamum (1) - mother of Pleiades/Peliades (1) - mother of Themistocles (2) - mother of Theseus (1) - mother of Tigris of Leucas (1) - mother of Zeus (1) - murderous witch (1) - Muse (2) - Muse-like figure (1) - music-theorist (1) - musician (7) - musician and deipnosophist (1) - musician and magician (1) - musician and poet (1) - musicologist (1) - mystic philosopher (1) - mythical craftsman (2) - mythical epic singer (2) - mythical monster (1) - mythical seer (1) - mythical Spartan king (1) - natural scientist and philosopher (1) - naturalist (1) - naval commander (1) - never grew thirsty (2) - nickname of first Athenian to shave his beard (1) - North Wind personified (1) - notorious courtesan (3) - notorious drinker (5) - notorious drinker (and politician?) (1) - notorious wit (3) - notorious wit and glutton (1) - nurse of Alexander the Great (1) - nurse of Odysseus (1) - nymph (1) - nymph raped by Apollo (1) - nymphs who guard golden apples (1) - obese hedonist (1) - object of song for Philetas (1) - Odysseus' swineherd (1) - officer of Alexander the Great (1) - Old Man of the Sea (1) - oligarch (1) - Olympian deity (13) - Olympian goddess (1) - Olympic victor (1) - one of Fates (1) - one of Seven Against Thebes (3) - one of Seven Wise Men (2) - one of tyrants of Piraeus (1) - opponent of philosophers (1) - oracular god (1) - orator (17) - orator and historian (2) - orator and speech-writer (1) - original Cynic (1) - original Stoic philosopher (1) - overthrew Sardanapallus (1) - owner of slave-prostitutes (1) - owner of the pipegirl Bromias (1) - painter (6) - pancratiast (3) - pancratiast and associate of Alexander the Great (1) - pancratiast and parasite of Aristomachus of Argos (1) - pantomime dancer (1) - parasite (7) - parasite of Antiochus VIII (1) - parasite of Athena (2) - parasite of Demetrius

Poliorcetes (1) - parasite of Lysimachus (1) - parasite of Seleucus I (1) - parodic (1) - parodist (9) - parodist and comic poet (1) - parodists (1) - paroemiographer (3) - participant in Parmeniscus' Cynics' Drinking Party (1) - participated in boar-hunt (1) - participated in founding of Phaselis (1) - pauper (1) - pauper and glutton (1) - pedant (3) - perfume-maker (4) - perfumeseller (1) - Peripatetic philosopher (12) - Peripatetic philosopher and governor of Athens (1) - Peripatetic philosopher and historian (2) - Peripatetic philosopher and poet (1) - Peripatetic philosopher and tyrant (1) - Persian deity (2) - Persian general (1) - Persian nobleman (1) - Persian satrap (4) - personified (30) - personified mountain where Dionysus was born (1) - Phaeacian herald (1) - philosopher (17) - philosopher and author of paeon in honor of Craterus (1) - philosopher and deipnosophist (1) - philosopher and deipnosophist, xi (2) - philosopher and member of Socrates' circle (1) - philosopher and naturalist (1) - philosopher and poet (1) - philosopher and soldier, xiii, xiv (1) - philosopher, biographer, and bore (1) - philosopher, wrestler, and tyrant (1) - philosopher, xiii, xiv (1) - philosopher-poet (1) - philosophical historian (1) - phlyax poet (4) - Phrygian pipe-player (6) - phylarch (1) - physician (25) - physician and author of treatise on perfumes and garlands (1) - physician and deipnosophist (1) - physician and deipnosophist, x (1) - physician and deipnosophist, xi (2) - physician and poet (1) - physician to Alexander the Great (1) - Pindaric singers (1) - pipe-girl (2) - pipe-girl and owner of Pythionice (1) - pipe-girl associated with Mimnermus (1) - pipe-player (20) - pipe-player and flatterer of Ptolemy VII (1) - pipe-player and parasite of Antiochus III (1) - pipeplayer (3) - pipeplayer and pedant (1) - pipeplayer and poet (1) - plaque-painter (1) - plotted against Cnopus (3) - poet (18) - poet and grammarian (1) - poet and judge for Attalus I (1) - poet and orator (1) - poet and philosopher (1) - poet and scholar (1) - poetess (5) - polemarch (1) - politician (17) - politician and ambassador to Persia (1) - politician and bean-eater (1) - politician and donkey (1) - politician and general (4) - politician and glutton (3) - politician and notorious drinker (1) - politician and spendthrift (1) - pornographer (1) - pornographic painter (3) - possible author of Telchian History (1) - possible author of Titanomachy (2) - possible author of treatise on agriculture (2) - potter (7) - Presocratic philosopher (6) - pretender to Persian throne (1) - priestess of Athena (1) - prince of Nemea (1) - prince of Thebes torn apart by his own dogs (1) - prince of Troy (3) - prince of Troy and husband of Dawn (1) - pro-Macedonian leader? (1) - prominent citizen (1) - prophet (1) - proposer of decree (1) - prostitute married by Hieronymus of Syracuse (1) - Pseudepicharmeia (1) - pseudo-historical Egyptian priest (1) - psilotharistês (3) - Ptolemaic official (1) - pupil and supposed boyfriend of Parmenides (1) - puppeteer (1) - purchased kingship (1) - purported author of pseudepicharmic texts (1) - purported author of treatise on sex (1) - purported founder of Gumnopaidiai Festival (1) - Pygmy woman (1) - Pythagorean philosopher (7) - Pythagorean philosopher and mathematician (1) - Quadrennial Festival personified (1) - quartermaster of Alexander the Great and historian (1) - queen of Assyria (1) - queen of Egypt (4) - queen of Lemnos (1) - queen of Lydia (1) - queen of Thebes (3) - queen of Tiryns (1) - queen of Troy (1) - rebel gladiator (1) - rebel slave-leader in Sicily (1) - red-hot (1) - regent of Philip V (1) - rescued Phorbas and Parthenia (1) - restrained pederast (1) - rhapsode (4) - rhythmician perhaps author of Pherecr. fr. 162 (1) - riddler (1) - rival of Mimnermus (1) - rival turned friend of Plangon of

Miletus (1) - Roman consul (4) - Roman emperor (4) - Roman emperor, vii (1) - Roman emperor, vii, viii (2) - Roman general (10) - Roman general and dictator (1) - Roman general and statesman (1) - Roman god of doors and beginnings (1) - Roman hedonist (1) - Roman literary scholar (1) - Roman magistrate (1) - Roman politician and philosopher (1) - Roman statesman (1) - Roman statesman and general (1) - ruler of Ephesus (1) - ruler of Pella (1) - sacrificed himself for city (1) - sage (1) - sage and poet, xii (1) - saltfish dealer (1) - saltfishseller (1) - saltfishvendor and glutton (1) - satrap of Babylon (1) - satrap of Caria (1) - satrap of Ecbatana (1) - satrap of Media (1) - satyr musician (1) - saved Cromnus (1) - Sceptic philosopher (1) - scholar and poet (3) - scholarly exegete (1) - sculptor (4) - sea-divinities (1) - sea-divinity (2) - second king of Rome (1) - second wife of Jason (1) - secretary of Alexander the Great and historian (1) - secretary to Antiochus Epiphanes (1) - seer (3) - seized Syrian throne (1) - Seleucid general (1) - Seleucid king (7) - seller of magic charms (1) - served with Caesar in Britain (1) - shape-shifting sea-divinity (1) - shared living quarters with son of Pericles (1) - sharp-sighted Argonaut (1) - shepherd who sold site of Phaselis (1) - shoemaker (1) - Siamese twins killed by Heracles (1) - Sicilian cowherd and inventor of boukoliasmos (1) - Sicilian deity (1) - sister and wife of Janus (1) - sister of Cimon (1) - sister of Odysseus (1) - sister of Xenopeitheia (1) - slave assistant of banker Pasion (1) - slave in Larensius' house (1) - slave killed by Heracles (1) - slave of impoverished braggart (1) - slave-holder and friend of Aristotle (1) - slave-woman belonging to Nestor (1) - slave-woman of Homeric Helen (3) - sleight-of-hand artist (1) - snake-haired monsters (1) - snake-like monster (1) - sold gold to Hieron I (1) - son of Aeolus, settled Lesbos after Great Flood (1) - son of Agamemnon (1) - son of Agesarchus of Megalopolis, historian (1) - son of Amphiarus, one of Epigoni (1) - son of Amyclas of Sparta (1) - son of Amyntor (1) - son of Antigonus I (1) - son of Apollo, shepherd and beekeeper (1) - son of Arcadion (2) - son of Areius, historian (1) - son of Ariphton of Athens, nephew of Pericles (1) - son of Aristides the Just of Athens (1) - son of Aristotle (1) - son of Atargatis (1) - son of Athamas and Nephele (1) - son of Boreas (2) - son of Callaeschrus of Athens, tragic and elegiac poet, associate of Socrates, and one of Thirty Tyrants (1) - son of Callias (1) - son of Callimedon of Athens, politician (1) - son of Cecrops of Athens (1) - son of Cleinias of Athens, politician and libertine (1) - son of Conon of Athens, general (1) - son of Creusa and Apollo (1) - son of Crito of Athens, associate of Socrates (1) - son of Demeas of Athens, orator (1) - son of Demo and Demetrius Poliorcetes (1) - son of Demochares, flatterer of Dionysius I (1) - son of Deucalion and king of Aetolia (1) - son of Dionysus (1) - son of Dionysus and king of Calydon (1) - son of Ephorus (1) - son of Epilycus of Amphipolis, boyfriend of Onomarchus (1) - son of Eryxis of Athens, glutton (1) - son of Eurystheus (3) - son of Euxenus and Petta/Aristoxene (1) - son of Exaenetus of Acragas, Olympic victor (1) - son of Hector (1) - son of Heracles (1) - son of Heracles and Bolbe (1) - son of Hermodorus, author of treatise on sexual attraction (1) - son of Hipponicus of Athens, wealthy patron of sophists (1) - son of Homeric Menelaus (1) - son of Homeric Nestor (1) - son of Hyperides (1) - son of Ino (1) - son of Janus (1) - son of Laches of Athens, Eteoboutad (1) - son of Lycolas of Trichonium, boyfriend of Onomarchus (1) - son of Myrmidon, glutton (1) - son of Nestor (1) - son of Niceratus of Athens, general and politician (1) - son of Odysseus and Circe (1) - son of Odysseus and Penelope (1) -

son of Oedipus (1) - son of Oenante, contemporary of Ptolemy IV (1) - son of Oeneus (1) - son of Orestheus (1) - son of Pelops (2) - son of Perdix (1) - son of Pericleitus of Athens, parasite of Athena (1) - son of Pericles (2) - son of Philinus, pipe-player (1) - son of Philip II (1) - son of Phocion of Athens, spendthrift (1) - son of Phrynon of Thebes, hosted Xerxes' army (1) - son of Phylacus king of Phylace (1) - son of Poseidon (1) - son of Proteas of Macedon, attended Caranus' wedding feast (1) - son of Ptolemy I and Thaïs (2) - son of Ptolemy II, stood guard in Ephesus (1) - son of Pyles, killed by Heracles (1) - son of Pyrrhus, king of Molossia (1) - son of Pythodorus of Athens, suffered delusions of grandeur (1) - son of Smicrinus, notorious wit and parasite (1) - son of Sotades (1) - son of Tantalus of Sparta, mercenary commander (1) - son of Theon (1) - son of Thucydides of Athens, scribe (1) - son of Tiberius Caesar (1) - son of Timotheus of Athens, general (1) - son of Tithonus and Eos (1) - son of Triopas (2) - son of Zeus (2) - sons of Zeus and Leda (1) - sophist (13) - sophist and historian (1) - source of tree-medick (1) - source on Penelope-game (1) - Spartan deity (2) - spendthrift (6) - spendthrift and enemy of Rutilius (1) - spendthrift and glutton (1) - spread secret of agriculture (1) - starving parasite (1) - Stoic and Epicurean philosopher (1) - Stoic philosopher (9) - Stoic philosopher and historian (1) - student of Arcesilaus (2) - student of Aristophanes of Byzantium and grammarian (1) - student of Aristotle (1) - student of Dionysius and grammarian (1) - student of Epicurus (1) - student of Isocrates (1) - student of Plato (1) - student of Polyidus (1) - subject of toast in Hipponax (1) - sued Delians (1) - suitor of Cleisthenes' daughter (1) - suitor of daughter of Cleisthenes of Sicyon (1) - suitor of Penelope (2) - sun-god (1) - supposed author of The Crane (1) - supposed author of Tour of Asia (1) - supposed mother of Aristophon (1) - supposed namesake of city (1) - survived Great Flood (1) - symposiast in Alcman (1) - Syracusan comic poet (2) - Syrian queen and deity (1) - taught secret to success (1) - the Happiness philosopher (1) - theatrical producer (1) - Theban hero (1) - Thessalian courtesan (1) - Titan (1) - Titan who gave men fire (1) - Titaness and mother of Artemis and Apollo (1) - title-character of Platonic dialogue (2) - title-character of Platonic dialogue and sophist (1) - titlecharacter of Platonic dialogue (1) - topic of song for Theon (2) - trader (1) - tragic (1) - tragic actor (9) - tragic lover (1) - tragic poet (27) - tragic poet and actor and historian (1) - tragic poet and glutton (1) - tragic, lyric, and elegiac poet and memoirist (1) - travel writer (1) - treasurer of Alexander the Great (1) - Trojan elder and father of Aeneas (1) - Trojan elder and father of Homeric Helicaon (1) - Trojan hero (1) - Trojan prince (1) - Trojan prophetess (1) - Trojan War hero (1) - troublemaker (3) - trumpeter (1) - tyrannicide (2) - tyrant (17) - tyrant and friend of Cyrus the Great (1) - tyrant and historian (1) - tyrant and son of Pisistratus (2) - tyrant of Chios (2) - tyrant of Corinth (1) - tyrant of Crannon (1) - tyrant of Gela and Syracuse (2) - tyrant of Pontus (1) - tyrant of Sybaris (1) - tyrant of Syracuse (4) - tyrant of Syracuse and tragic poet (1) - tyrant who feasted suitors of his daughter (1) - uncle and adoptive father of Aristotle's wife Pythias (1) - uncle of Alcibiades (1) - Underworld deity (2) - Underworld river personified (1) - undesirable neighbor (1) - unidentified Persian (1) - unsuccessful tyrannicide (2) - urged invention of gladiatorial contests (1) - victor in pancration at Panathenaic games (1) - villain killed by Theseus (3) - visited Artaxerxes II (1) - vulgar joker and associate of son of Pericles (1) - wanderer and sage (1) - wandering showman (3) - wasted

wealth of Ischomachus (2) - water-drinker (1) - Wealth personified (1) - wealthy glutton (1) - wealthy host of Athenion (1) - wealthy man (4) - wealthy patron of the courtesan Pythionice (1) - wealthy peacock-breeder (1) - wealthy politician (1) - weaver (3) - wife of Admetus (1) - wife of Agamemnon (1) - wife of Agis II (1) - wife of Amphiaraus (1) - wife of Antiochus II (1) - wife of Athamas (1) - wife of Bagabyzus and sister of Xerxes (1) - wife of Cambyses (1) - wife of Cnopus (1) - wife of Ctesibius (1) - wife of Cypselus (1) - wife of Darius I (1) - wife of Demetrius Poliorcetes (1) - wife of Eumenes II of Pergamum (1) - wife of Hector (1) - wife of Homeric Alcinous (1) - wife of Lysimachus and Ptolemy Philadelphus, and queen of Egypt (1) - wife of Menelaus and Paris (1) - wife of Monimus (the son of Pythion) (1) - wife of Odysseus (1) - wife of Pelops (1) - wife of Persian king (1) - wife of Philip II (5) - wife of Polybus, guest-friend of Homeric Helen and Menelaus (1) - wife of Socrates (1) - wife of Theseus (5) - wine-pourer for Ptolemy II Philadelphus (1) - wine-steward of Nicomedes II (1) - winged horse (1) - winner of drinking-contest set by Alexander the Great (1) - woman intrigued by Artemon (1) - woman kept by Hyperides (1) - woman praised in adespota epic line (1) - woodland deity (1) - word-hunting friend of Ulpian (1) - worked silver mines with rented slaves (1) - wrote about Cotys (1) - young man abducted by nymphs (1).

This list shows the richness and variety of personal names and works cited in the text of Athenaeus, but it needs a further work of disambiguation to extract names of authors. Also, entries are in English and they generate a bigger distance than the Latin forms of Meineke and Kaibel for the alignment with the Greek text of the *Deipnosophists*.¹¹⁵ The two following sections show how all these indices of the *Digital Athenaeus* project can be compared and used to map their entries on to the text of the Naucratices.

5.5.5 Book Stream

The *Book Stream* is a tool that performs and visualizes the automatic alignment of the four indices of the *Deipnosophists* of Athenaeus described in the previous sections:¹¹⁶ *Index Scriptorum* by August Meineke; *Index Scriptorum* by Georg Kaibel; *Dialogi Personae* by Georg Kaibel; *Index of Authors, Texts, and Persons* by S. Douglas Olson. The tool is arranged by books and Kaibel paragraphs and each paragraph is linked to *Index to Text*, which is an experimental tool based on the *Levenshtein Distance* for the automatic alignment of index entries with their corresponding forms in the Greek text of the *Deipnosophists*.¹¹⁷ Figure 5.18 shows the alignment of the entries of the four indices that correspond to *Deipn.* 1.1 on the basis of Kaibel paragraphs.¹¹⁸ The menu on the left of the web page allows

115 See section 5.5.6.

116 <http://www.digitalatheneus.org/tools/Book-Stream/>

117 See section 5.5.6.

118 http://www.digitalatheneus.org/tools/Book-Stream/book-stream.html#paragraph_1.1

to select a Kaibel paragraph and each entry of the corresponding paragraph is linked to the entry in the *Index Digger* of the selected index. The column in the middle with the number of the book and the paragraph is linkable and connected to the corresponding text in *Index to Text*.¹¹⁹

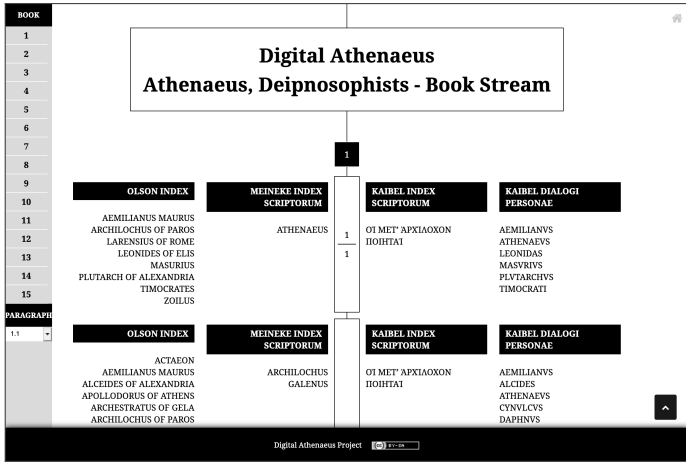


Figure 5.18. Digital Athenaeus: Book Stream (Ath., Deipn. 1.1)

5.5.6 Index to Text

Index to Text is a tool that automatically aligns each entry of the four indices of Athenaeus with the Greek text of the *Deipnosophists*.¹²⁰ The alignment is performed with a PHP implementation of the *Levenshtein Distance* that measures the distance between each element of each index entry and each word of the Greek paragraph corresponding to the Kaibel reference of the relevant entries. The alignment is based on the lowest of the following distances:¹²¹ 1) between each index entry and all Greek words, 2) between each index entry and all transliterated Greek words, 3) between each index entry and all Greek words romanized into Latin (i.e., *c* instead of *k*, *us* instead of *os*, and *u* instead of *ou*), 4) between each index entry and all Greek transliterated words where the letter *k* is substituted with the letter *c*, 5) between each entry and both the transliterated and the

119 For example, the paragraph of fig. 5.18 is linked to <http://www.digitalatheneaus.org/tools/KaibelText/indexTOText.php?passage=1.1&T=2>.

120 The Greek text is based on the edition of Georg Kaibel: see section 5.3.1.

121 The reason of these distances is due to the fact that most of the entries are in Latin and in English (in the case of Olson) and can't be directly aligned with the Greek text.

romanized lemma of all Greek words (where the letter *k* is substituted with the letter *c*).¹²² Every word of the Greek text with a distance lower than the threshold is highlighted with the same color of the aligned index entry.¹²³ Words that are aligned with more than one index entry (because there are four indices containing more or less the same entries) are highlighted with all the colors of the highlighted index entries.

The resource is based on the alignment of Kaibel references that have been automatically generated by the conversion of Casaubon references included in the printed versions of the indices. For example, if we read *Deipn.* 7.124–125 (= 323f–325a), we see that in these two paragraphs Athenaeus cites the following forms corresponding to the names of sixteen authors:¹²⁴ 7.124 (Ἐπίχαρμος, Σπεύσιππον, Ἴππώνακτος, Ἐρασίστρατος, Γλαῦκος δ' ὁ Λοκρὸς, Ἀρχέστρατος, Ἀριστοφάνης, Θεόπομπος, Ἄλεξις); 7.125 (Ἀριστοτέλης, Ἐπίχαρμος, Σώφρων, Διοκλῆς, Σπεύσιππος, Τρύφων, Σώφρων).

The screenshot displays the 'Digital Athenaeus' interface for Book 7. It features a main text area on the left with two paragraphs of Greek text. To the right, there are four vertical index panels: 'Olson Index', 'Kaibel Index Scriptorum', 'Kaibel Dialogi Personae', and 'Meineke Index Scriptorum'. Each panel lists authors with colored bars indicating their presence in the text. The text in the main area is also color-coded to match the indices.

Figure 5.19. *Digital Athenaeus: Index to Text* (Ath., *Deipn.* 7.124)

If we select these two paragraphs in *Index to Text*, we can see interesting results. As far as 7.124 is concerned (fig. 5.19),¹²⁵ the indices of Meineke and Olson list nine entries corresponding to the nine authors cited in this paragraph. The index of Kaibel doesn't include the name of Epicharmus, because in the printed edition

122 Every entry and every Greek word is put in lower case at the beginning of the whole process.

123 The *Levenshtein Distance* is one of the distances included in PHP functions and is defined as the minimal number of characters you have to replace, insert, or delete to transform a string into another one. For my alignment, I have chosen to consider two strings the same if the *Levenshtein Distance* is lower than 2.

124 See p. 306 on the *marginalia* to these paragraphs in the manuscript *Marc. Gr.* 447.

125 See <http://www.digitalatheneus.org/tools/KaibelText/indexTOtext.php?passage=7.124&T=2>. The threshold can be modified by changing the parameter *T* in the GET request of the URL.

the reference to 323f is in a note to 318e, where a very similar quotation of fragment 18 of Epicharmus is cited by Athenaeus.¹²⁶ No entries are listed under the *Dialogi Personae* of Kaibel because there are no corresponding forms in the Greek text. Except for the form Ἰππώνακτος, all the other eight forms in the text of 7.124 are aligned with the index entries of Olson, Kaibel, and Meineke. Below the alignment, the web page of *Index to Text* shows the distances between the entries and the forms of the Greek text with their corresponding URNs that embed a link to the text of the *Deipnosophists* (fig. 5.20).¹²⁷ The same page shows also a distinction between *single references* and *multiple references* under each index. This is due to the fact that *Index to Text* is based on URNs generated from Kaibel citations that are the result of their conversion from Casaubon citations with the *Casaubon-Kaibel Reference Converter*.

As it was explained at p. 324, the different length of Casaubon sections and Kaibel paragraphs generates ambiguities in the conversion. In our example, the entries of Olson about “Alexis of Thurii”, “Epicharmus of Syracuse”, and “Speusippus of Athens” are labelled as *multiple references* because the automatic conversion of their Casaubon references generates multiple Kaibel paragraphs.¹²⁸ This is also the reason why *Index to Text* sometimes shows entries that don’t correspond to Greek forms in the aligned paragraph of the *Deipnosophists*. In our example, the entry ARISTOTELES of the *Index Scriptorum* of Kaibel doesn’t correspond to a name of 7.124, but to the Greek form Ἀριστοτέλης cited in 7.123.¹²⁹

As far as 7.125 is concerned (fig. 5.21),¹³⁰ the indices of Kaibel and Olson list six entries corresponding to the six authors cited in this paragraph. The index of Meineke doesn’t include an entry for Speusippus because this passage is missing in the printed edition of the index. Every form of author names of 7.125 is aligned with the index entries of Olson, Kaibel, and Meineke. Also in this case ambiguities are due to ambiguities of references. By clicking on each entry in the web page of *Index to Text*, it is possible to visualize the correspondences between Casaubon and Kaibel citations for each URN through a resource that is an enhanced *Index Digger*: <http://www.digitalathenaeus.org/tools/OlsonIndex/superdigger.php>.

126 Ath., *Deipn.* 318e: Ἐπίχαρμος δ’ ἐν Ἡβας γάμῳ πάλωποί τε σῆπιαί τε καὶ ποταναὶ τευθίδες χά’ δυσώδης βολβιτὶς γραταὶ τ’ ἐριθακώδεες.

127 <http://www.digitalathenaeus.org/tools/KaibelText/indexTOtext.php?passage=7.124&T=2>

128 For example, *Deipn.* 324c, which is the reference to Alexis of Thurii in the index of Olson, corresponds to Kaibel 7.124 and 7.125 according to the automatic conversion. On the other side, *Deipn.* 324b, which is the reference to Archestratus of Gela in the index of Olson, corresponds to Kaibel 7.124 and this is the reason why this reference is labelled as *single reference*.

129 The form Ἀριστοτέλης is also present in 7.125, but in this case the index entry of Kaibel is unambiguously aligned with it: <http://www.digitalathenaeus.org/tools/KaibelText/indexTOtext.php?passage=7.125&T=2>.

130 <http://www.digitalathenaeus.org/tools/KaibelText/indexTOtext.php?passage=7.125&T=2>

Alignment

Olson index:

Single references

Archestratus of Gela
 1. ἀρχεστράτος [archestratos] // (distance: 0) - urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:7.124@αρχεστράτος[1]

Aristophanes
 1. ἀριστοφάνης [aristophanes] // (distance: 0) - urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:7.124@ἀριστοφάνης[1]

Erasistratus of Iulis
 1. ἐρασίστρατος [erasistratos] // (distance: 0) - urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:7.124@ἐρασίστρατος[1]

Glaucus of Locris
 1. γλαύκος [glaukos] /γλαός/ (distance: 0) - urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:7.124@γλαύκος[1]

Hippoxas of Erythrae
Theopompus
 1. θεόπομπος [theopompos] /θεόπομος/ (distance: 0) - urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:7.124@θεόπομπος[1]

Multiple references

Alexis of Thuri
 1. ἄλεξις [alexis] // (distance: 0) - urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:7.124@ἄλεξις[1]

Epicarmus of Syracuse
 1. ἐπίχαρμος [epicharmos] // (distance: 0) - urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:7.124@ἐπίχαρμος[1]

Speusippus of Athens
 1. σπείσιππος [speusippon] // (distance: 2) - urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:7.124@σπείσιππος[1]

Meineke Index:

Single references

Alexis - Πονήρα
 1. ἄλεξις [alexis] // (distance: 0) - urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:7.124@ἄλεξις[1]

Archestratus
 1. ἀρχεστράτος [archestratos] // (distance: 0) - urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:7.124@αρχεστράτος[1]

Aristophanes - Δανάδες

Figure 5.20. Digital Athenaeus: Index to Text (Ath., Deipn. 7.124)

Book 7

ΤΡΙΤΗ, κίβη δια το η, τὸ γὰρ εἰς τα λήγοντα θηλυκά ἔργον αἰεὶ λάβδω. Σκόλλα, τὸ ἄλλο ὅσα δ' ἐπιπλοκὴν ἔχει το γ εἰς η λήγει, τρύβλη, ἀγλή, ζεύγη, τὴν δὲ τρύβλην φησὶν Ἰ. Ἀριστοτέλης, τρίς τίκτειν τοῦ ἔτους ἐν πέμπτῳ μηνίῳ, τεκμαίρεσθαι λέγον τοὺς ὀλίγους τοῦτο ἕκ τοῦ γόου τρίς φαινόμενον περὶ τῆς τόπου μίσησ' οὐδ' ἐνερθεῖν ἔστι καὶ τὸ τῆς ὀνομασίας (ὡς ἄμια ὅτι οὐ κατὰ μίαν φέρονται, ἀλλ' ἀγαθὸν, σκάρος δὲ ἀπὸ τοῦ σκαίρων καὶ καρῆς, ἄμια δ' ὡς ἐν ἀφάρῳ οὖρου, ταῦτα ἐστὶν διαφορεῖα· θύλα, θύνας ὁ ὀρηκτικός, δια τὸ κατὰ τὴν τοῦ κινῶν ἐπιτολὴν ἀπὸ τοῦ ἐπὶ τῆς κεφαλῆς ὁστροῦ ἐξελαύνεσθαι), ἔστι δὲ κωμικοῦδος, συναγλαστική, παντότικος, ἔτι δὲ σαρκώδης, τὸ δὲ τρίτον τελευτῶσα ἄνοδος ἐστὶ γίνεται γὰρ τῆς σκολῆς αὐτῆς ἐν τῇ ὑστέρῃ, ἃ τὸν γόνον τὸν γινόμενον κατεσθίει, ἀπὸ δὲ τοῦ σμυβερβήματος. Ἐπίχαρμος, ὀνομάζει αὐτὸς κυφὸς ἐν Τίβρα γάμῳ δια τοῦτον· ἔτι δὲ τρύβλη τε κωμικὸς κωμικοῦδος βασιλεὺς, Ἰ. Σόφρων, δ' ἐν τοῖς ἀνδρείοις τρύβλας τινὰς ἐν τοῦτοις ὀνομάζει τρύβλη ὀφθαλμοῦ καὶ τρύβλην τὸν εὐδαίον, ἐν δὲ τὸ ἐπιγραφόμενον Παϊδικὰ ποιεῖται φησὶ τρύβλας μὲν γένοντο, τρύβλα δ' ὀπισθεῖα, κὰν τοῖς γυναικεῖσι δὲ ἔρη τρύβλην γενεῖται. Ἀποκλῆς, δ' ἐν τοῖς πρὸς Πλάτωναρον σκληροσκαρον εἶναι φησὶ τὴν τρύβλην. Σπείσιππος, δ' ἐμφερῆ φησὶν εἶναι κώκυκα, γελῶνα, τρύβλην, ὅθεν Τρύβλην φησὶν ἐν τοῖς περὶ ζώων, τὸν τρύβλην τινὰς εἶσθαι κώκυκα εἶναι διὰ τε τὸ ἐμφερὲς καὶ τὴν τὸν ὀπισθεῖαν ἐπύρτητα, ἢν ἀσημασία: ὁ Ἰ. Ἐπίχαρμος, λέγων· τρύβλας μὲν γένοντο, τρύβλα δ' ὀπισθεῖα.

Olson Index

Aristotle of Stagira
 Diocles of Carytus
 Epicharmus of Syracuse
 Sophron of Syracuse
 Speusippus of Athens
 Trypho n of Alexandria

Alexis of Thuri
 Apollo
 Artemis
 Hecate
 Plato

Kaibel Index Scriptorum

ARISTOTELIS
 DIOCLES
 EPICHARMUS
 SOPHRO
 SPEUSIPPUS
 TRYPHO

ALEXIS

Meineke Index Scriptorum

Aristoteles
 Diocles
 Epicharmus
 Sophron
 Trypho n
 Plato

Figure 5.21. Digital Athenaeus: Index to Text (Ath., Deipn. 7.125)

This resource uses the *Levenshtein Distance* to solve ambiguities of index entries that are generated by the automatic conversion of Casaubon references into Kaibel references. Every index entry is aligned with the passage corresponding to its Kaibel reference and the corresponding URNs are printed if the alignment is detected. This resource is an experimental tool to try to automatically disambiguate Kaibel paragraphs instead of manually voting them.¹³¹

5.6 Named Entity Recognition

Named Entity Recognition (NER) is a task of information extraction that aims at finding mentions of named entities in the text and classify their types into categories corresponding to proper names and quantities of interest, such as people, places, organizations, time expressions, monetary amounts, percentages, etc. NER is a relatively mature technology in *Natural Language Processing* (NLP) and its goal is to extract semantic content from texts by acquiring structured data from unstructured information.¹³² NER is now generating a great interest to scholars working in the digital humanities, as it is demonstrated by the implementation of web-based platforms for the annotation of historical documents like *Perseids* and *Recogito*.¹³³ Moreover, infrastructure software projects like ANNIS and INCEpTION – that are not associated with any single annotation project – are also used in the digital humanities and for historical languages.¹³⁴

As far as Classical languages are concerned, experiments have been done for Latin and NER is in the agenda of *The Classical Language Toolkit* (CLTK).¹³⁵ *Recogito* provides automatic NER tagging for historical documents using *Stanford CoreNLP*, but is still limited to English, French, German and Spanish with beta support for Latin NER.¹³⁶ For authority lists of named entities in ancient Greek, we dispose of preliminary and partial data in the online *Lexicon of Greek Personal Names* (LGPN), in the gazetteer *Pleiades*, in the beta version of *Trismegistos People*, and in the project *Standards for Networking Ancient Prosopographies*

131 On the experimental voting system of the *Digital Athenaeus* project, see p. 325.

132 Bird/Klein et al. (2009) 281–289; Wilcock (2009) 55–62; Burghardt (2014); Nouvel/Ehrmann et al. (2016) 153–156; Ide/Pustejovski (2017) 875–892; Li/Sun et al. (2018); Jurafsky/Martin (2019), ch. 17.

133 See <https://www.perseids.org> and <https://recogito.pelagios.org>.

134 See <http://corpustools.org/annis> and <https://inception-project.github.io>. For a project on historical languages using ANNIS, see *Coptic SCRIPTORIUM*: <http://www.copticscriptorium.org>; Almas/Schroeder (2016); Zeldes/Schroeder (2016).

135 Erdmann/Brown et al. (2017); Burns (2019).

136 Simon/Barker et al. (2017).

(SNAP:DRGN).¹³⁷ These projects demonstrate that NER for historical data is challenging due to its nature, but also that plays a key role in document comprehension processes and that merits special attention in the context of both Classical Philology and NLP. Moreover, even if linguistic annotations of ancient Greek and Latin texts are growing,¹³⁸ high quality annotations of NEs in these languages are still missing.

The *Deipnosophists* of Athenaeus of Naucratis is a rich collection of proper names pertaining to a wide variety of typologies like personal names, peoples, places, groups, languages, festivals, astronomical and meteorological phenomena, chronological data and currencies.¹³⁹ Moreover, Athenaeus' work is a huge mine of references to more than 900 authors of Classical literature and their writings, as demonstrated by the data extracted from the indices that have been described in the previous pages. This is the reason why the *Digital Athenaeus* project has been experimenting with NER in order to extract from the *Deipnosophists* names of ancient authors and titles and descriptions of ancient works for starting the creation of a text-based catalog of ancient Greek literature.¹⁴⁰ What we miss is a structured knowledge resource about ancient Greek authors and works with word forms in the original language, corresponding lemmata, contextual annotations, coreferences and relations accompanied by a deep analysis of the language of bibliographic citations in textual sources.

In order to obtain this result, the text of the *Deipnosophists* (ed. Kaibel) has been tokenized, capitalized words have been extracted, and non-relevant entities have been removed.¹⁴¹ This method works because modern editions of ancient Greek sources generally capitalize words corresponding to proper names and words after a full stop.

In the edition of the *Deipnosophists* by Kaibel, only the first word of the first paragraph of each book has been capitalized for a total of fifteen occurrences, while beginning words of other paragraphs are typed in lower case unless they are proper names. Sometimes Kaibel prints content-related words en-

137 Depauw/van Beek (2009); Broux/Depauw (2015); Bodard/Gheldof et al. (2016); Bodard/Cayless et al. (2017); Reggiani (2017) 65 ff.

138 Celano (2018); Celano (2019).

139 Braund/Wilkins (2000); Berti/Blackwell et al. (2016). Cf. also below p. 403.

140 Preliminary work has been presented at the *CLARIN Annual Conference 2019* held in Leipzig; Berti (2019d). See also Berti (2021). Data has been also presented and discussed at a conference organized in Trier in November 2020 (*Fragmente einer fragmentierten Welt: Gespräche zur Problematisierung eines traditionellen Begriffes in der modernen klassisch-philologischen Forschung*), whose proceedings are going to be published in the De Gruyter *Transmissions* series, and at the *Digital Classicist Seminar Berlin* in December 2020. Information presented in these pages derive from these publications and discussions.

141 On the use of capitalization as a method for extracting proper names, see Nouvel/Ehrmann et al. (2016) 28 and 80.

tirely in capital letters and they have been identified and removed.¹⁴² The text of the *Deipnosophists* includes 264,750 tokens distributed in 15 books for a total of 1,328 paragraphs and 21,460 sentences. Ca. 23,000 named entities have been extracted. These entities have been lemmatized to query them in external resources for a first disambiguation.¹⁴³ The lemmatization has been performed by querying *Morpheus*, *Logeion*, the *Lemmatized Ancient Greek XML*, and the online *Thesaurus Linguae Graecae* (TLG).

Table 5.2. Named Entities in the *Deipnosophists*

| NE Class | Semantic sub-classes | Number of occurrences |
|----------|---|-----------------------|
| LOC | <i>cities, regions, islands, mountains, rivers, etc.</i> | 2,151 |
| LOCderiv | <i>location_deriv</i> | 4,377 |
| ORG | <i>festivals and Panhellenic games</i> | 129 |
| ORGderiv | <i>organization_deriv</i> | 17 |
| OTH | <i>works, months, constellations, currencies, languages, groups, etc.</i> | 1,916 |
| PER | <i>gods, persons, personifications, authors, etc.</i> | 14,043 |
| PERderiv | <i>person_deriv</i> | 291 |
| TOTAL | | 22,924 |

As of 2021, the result is the extraction of 22,924 inflected forms of single NEs corresponding to 8,435 unique forms and 4,470 lemmata. Lemmata have been used to query external authority lists to obtain a first provisional set of disambiguated annotations. Annotations of personal and geographical names have been automatically generated by querying lemmata in the online *Lexicon of Greek PersonalNames* (LGPN) (ca. 63% of all NEs) and in the *Pleiades* gazetteer (ca. 17% of all NEs).¹⁴⁴ For the annotation, tags used in computational linguistics have been adopted for labeling generic named entity types: LOC, LOCderiv, ORG, ORGderiv, OTH, PER, PERderiv (table 5.2).¹⁴⁵ Missing lemmata have been manually added providing a rich set of new lemmatized named entities that are still missing in the above mentioned resources. Data is stored in an SQL database, whose entries can be publicly interrogated in the *Named Entities Digger* and in

142 An example of a content-related word is the form ΑΛΦΗΣΤΑΙ for a kind of fishes at *Deipn.* 281e. Other tokens that have been removed are the letters Α, Β, Γ and the abbreviation ΠΡ (πρεσβευτής) that are used to refer to speaking characters: see, for example, *Deipn.* 5b, 131a, and 304a.

143 Cf. Nouvel/Ehrmann et al. (2016) 77–78 and 81–83.

144 Berti (2019d) 2.

145 Nouvel/Ehrmann et al. (2016), ch. 3.

the *Named Entities Concordance* of the *Digital Athenaeus* project.¹⁴⁶ Every occurrence of each NE is identified with a CTS URN, as for example Πλάτωνος in *Deipn.* 9.37: `urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:9.37@ηλάτωνος[1]`.

The screenshot shows a web interface for the 'Named Entities Digger'. At the top, there is a search input field containing the Greek word 'Ἐλπινίκη [Elpinikei]' and a 'Submit' button. Below the search field, the results are displayed in a structured format:

- Lemma:** Ἐλπινίκη [Elpinikei]
 - lemma in [LOGEION](#)
 - personal name in [LGNP](#)
 - headword in [Ancient Greek Lexica \(dctthree\)](#)
 - 2 headings in [VIAF](#)
- Inflected form:** Ἐλπινίκη [Elpinikei] - [search in Kaibel Q](#)
- inflected form in TLG**
- person in Gulick**
- CTS URNs:**
 - `urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:13.56@ἔλπινίκη[1]`
 - Named Entity Class: PER
- Indexes:**
 - [Olson: Elpinice of Athens]
- urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:13.56@ἔλπινίκη[2]**
- Named Entity Class: PER
- Indexes:**
 - [Olson: Elpinice of Athens]

Figure 5.22. *Named Entities Digger*: Ἐλπινίκη [Elpinikei]

5.6.1 Named Entities Digger

The *Named Entities Digger* is a tool for digging single Named Entities (NE) into the Greek text of the *Deipnosophists*.¹⁴⁷ The tool is complementary to the *Named Entities Concordance*,¹⁴⁸ is experimental, based on semi-automatic methods and linked to external resources. Results still need further correction, disambiguation, NE relation and coreference resolution.¹⁴⁹ The tool is also complementary to the *Book Stream* and to *Index to Text*, and is linked to the *CTS URN Retriever*.¹⁵⁰ The following search fields allow to search inflected forms and lemmata by typing Ancient Greek in Unicode or by using ASCII transliteration:

- **Word form:** inflected forms (with transliteration) of detected NEs as they appear in the *Deipnosophists* (e.g., Αἰσχύλου [Aischylou])
- **Lemma:** lemmata (with transliteration) of inflected forms of detected NEs of the *Deipnosophists* (e.g., Ἀμφικτύων [Amphiktyon]).

146 See sections 5.6.1 and 5.6.2.

147 http://www.digitalathenaeus.org/tools/KaibelText/named_entities_digger.php

148 Section 5.6.2.

149 On these concepts, see Nouvel/Ehrmann et al. (2016) 99 ff.

150 Sections 5.4.2, 5.5.5, and 5.5.6.

Output Fields display results and provide scholars with links to external resources in order to get information about the meaning and the function of queried lemmata and inflected forms (fig. 5.22):

- **Lemma:** lemma of inflected forms of detected NEs of the *Deipnosophists* with automatic detection in external resources and authority lists:
 - *Logeion:* e.g., Θάσιος [Thasios];
 - LGPN: e.g., Θησεύς [Theseus] (personal name) or ἸΑβυδος [Abydos] (place);
 - *Pleiades:* e.g., Ῥόδος [Rhodos];
 - *Index of Ancient Greek Lexica:* e.g., Σάμος [Samos];
 - VIAF: e.g., Ἴστρος [Istros].
- **Inflected form:** inflected forms of detected NEs as they appear in the *Deipnosophists* with automatic detection in external and internal resources:¹⁵¹
 - **External resources:**
 - * TLG (subscription required – individual): e.g., Ἀβδηρίτου [Abderitou];
 - * Gulick (annotated EpiDoc XML file of the *Deipnosophists* (ed. Gulick) in the PerseusDL GitHub repository – name types: constellation, ethnic, festival, group, language, month, noclass, person, place, title): e.g., Περγαμηνός [Pergamēnos].
 - **Internal resources:**
 - * Search in Kaibel: search every occurrence of detected NEs in the Greek text of the *Deipnosophists* (ed. Kaibel): e.g., Μενάνδρου [Menandrou];
 - * CTS urn of each occurrence of detected NEs in the *Deipnosophists* with link to the CTS URN Retriever (e.g., urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:1.16@np1αμος[1]);
 - * Named Entity Class (still experimental): LOC, LOCderiv, ORG, ORGderiv, OTH, PER, PERderiv;
 - * Indices: visualization of index entries (in the original form) corresponding to NEs of the *Deipnosophists* in the following indices (when present and if detected):¹⁵² A. Meineke, *Index Scriptorum*; G. Kaibel, *Index Scriptorum*; S. Douglas Olson, *Index of Authors, Texts, and Persons*.

External resources generate different results. *Logeion* and the *Thesaurus Linguae Graecae* (TLG) give information about the morphology and the meaning of NEs. *Logeion* allows to automatically detect lemmata, while the TLG allows to auto-

151 For example, Ἐλπινίκη [Elpinikei]: http://www.digitalathenaeus.org/tools/KaibelText/named_entities_digger.php?what=Ἐλπινίκη (fig. 5.22).

152 For example, Ἡρόδοτος [Herodotos]: http://www.digitalathenaeus.org/tools/KaibelText/named_entities_digger.php?what=Ἡρόδοτος. In the case of the indices, an alignment is performed between both the lemma and the inflected form of each named entity and each index entry using Kaibel references expressed in the relevant URN: see p. 394.

3) festival (14), 4) group (352), 5) language (6), 6) month (7), 7) noclass (1,339), 8) person (3,461), 9) place (2,270), 10) title (31). The following lines correspond to the beginning of the *Perseus* XML file of the edition of the *Deipnosophists* by Gulick with the annotation of the above listed entities:¹⁶¹

```

1 <pb xml:id="v.1.p.2"/>
2 <div type="edition" n="urn:cts:greekLit:tlg0008.tlg001.perseus-grc4">
3 <div type="textpart" subtype="book" n="1">
4 <div type="textpart" subtype="chapter" n="1">
5 <p> <milestone unit="casaubonpage" xml:id="casaubonpage-1a" n="1a"/> <
  name type="person" key="0017075:*>αἰ/ναῖος:person:masc:nom">
  Αθήναιος</name> μὲν ὁ τῆς βίβλου πατήρ: ποιεῖται δὲ τὸν λόγον
  πρὸς <name type="person" key="0001023:*τιμοκρα/ths:person:masc:acc
  ">Τιμοκράτην</name> <rs type="nomorph">Δειπνοσοφιστῆς</rs> δὲ
  ταύτη τὸ ὄνομα. ὑπόκειται δὲ τῷ λόγῳ <name type="person" key="
  0001000:*larh/nsios:person:masc:nom">Λαρήνσιος</name> <name type="
  ethnic" key="0993138:*(rwmαι=os:ethnic:masc:nom 0001000:*(rwmαι=os
  :group:masc:nom">Ρωμαῖος</name>, ἀνὴρ τῆ τύχῃ περιφανῆς, τοὺς
  κατὰ πᾶσαν παιδείαν ἐμπειροτάτους ἐν τοῖς αὐτοῦ δαιτυμόνας
  ποιούμενος: ἐν οἷς οὐκ ἔσθ' οὐτινος τῶν καλλίστων οὐκ
  ἐμνημόνευσεν. ἰχθύς τε γὰρ τῆ βίβλῳ ἐνέθετο καὶ τὰς τούτων χρείας
  καὶ τὰς τῶν ὀνομάτων ἀναπτύξεις, καὶ λαχάνων γένῃ παντοῖα. <
  milestone unit="casaubonpage" xml:id="casaubonpage-1b" n="1b"/>
  καὶ ζῶων παντοδαπῶν, καὶ ἀνδρας ἱστορίας συγγεγραφότας καὶ
  ποιητὰς καὶ φιλοσόφους, καὶ ὄργανα μουσικὰ καὶ σκωμμάτων εἶδη
  μυρία: καὶ ἐκπρωμάτων διαφορὰς καὶ πλοῦτους βασιλέων διηγῆσατο,
  καὶ νηῶν μεγέθη, καὶ ὅσα ἄλλα οὐδ' ἂν εὐχερῶς ἀπομνημονεύσαιμι, ἢ
  ἐπιλίποι ἂν με ἡ ἡμέρα κατ' εἶδος διεξερχόμενον. καὶ ἐστὶν ἡ τοῦ
  λόγου οἰκονομία μίμημα τῆς τοῦ δειπνοῦ πολυτελείας, καὶ ἡ τῆς
  βίβλου διασκευῆς τῆς ἐν τῷ δειπνῳ <pb xml:id="v.1.p.4"/>
  παρασκευῆς. τοιοῦτον ὁ θαυμαστός οὗτος τοῦ λόγου οἰκονόμος <name
  type="person" key="0017075:*>αἰ/ναῖος:person:masc:nom">Αθήναιος</
  name> ἤδιστον λογόδειπνον εἰσηγεῖται κρείττων τε αὐτὸς ἑαυτοῦ
  γινόμενος, ὥσπερ οἱ <name type="place" key="0361602:*>αἰ/ναί:
  place:nn:dat 0000001:*>αἰ/νευς:noclass:masc:dat">Αθήνησι</name>
  ῥήτορες, ὑπὸ τῆς ἐν τῷ λέγειν <milestone unit="casaubonpage" xml:
  id="casaubonpage-1c" n="1c"/>θερμότητος πρὸς τὰ ἐπόμενα τῆς
  βίβλου βαθυρῶν ὑπεράλλεται.</p>

```

Thanks to the extraction of marked up entities from the *Perseus* XML file, the *Named Entities Digger* is able to add information deriving from the attribute @type about inflected forms of NEs in the *Deipnosophists*.¹⁶²

Internal resources connected to the *Named Entities Digger* allow scholars to visualize each named entity in the context of the *Deipnosophists* through the

161 The lemma is in Beta Code with morphological information. Due to lack of documentation, it is not possible to get information and meaning of ciphers in the attribute @key.

162 For example, Περραμαγνός [Pergamēnos] (*ethnic* in Gulick): http://www.digitalatheneus.org/tools/KaibelText/named_entities_digger.php?what=Περραμαγνός.

Search function¹⁶³ and to obtain a CTS URN of each occurrence through the *CTS URN Retriever*.¹⁶⁴ Named Entity classes (LOC, LOCderiv, ORG, ORGderiv, OTH, PER, PERderiv) are a first form of disambiguation according to standards of computational linguistics that will be further specified with subclasses.¹⁶⁵ Finally, the connection with the indices of the *Digital Athenaeus* allows to see if detected named entities are present in the indices of Meineke, Kaibel, and Olson and how they have been annotated by these scholars.

5.6.2 Named Entities Concordance

The *Named Entities Concordance* is a tool for finding concordances of single Named Entities (NE) in the Greek text of the *Deipnosophists* (ed. Kaibel).¹⁶⁶ The tool is complementary to the *Named Entities Digger*.¹⁶⁷ The following search fields allow to search inflected forms and lemmata by typing ancient Greek in Unicode or by using ASCII transliteration:

- **Word form:** inflected forms (with transliteration) of detected NEs as they appear in the *Deipnosophists* (e.g., Πλάτωνος [Platonos] and Φιλόχορος [Philochoros]) (figg. 5.23 and 5.24);¹⁶⁸
- **Lemma:** lemmata (with transliteration) of inflected forms of detected NEs of the *Deipnosophists* (e.g., Ἀριστοφάνης [Aristophanes]) (fig. 5.25).¹⁶⁹

Output fields show results of the requested inflected form or lemma and the output visualizes each occurrence in the immediate context, where the requested entity is **red** and other NEs in the immediate context are **blue-green** and linkable (figg. 5.23, 5.25, and 5.24):

- **Lemma:**
 - automatic detection of lemmata in *Logeion*.
- **Inflected form:**
 - search in Kaibel: search every occurrence of detected NEs in the Greek text of the *Deipnosophists* (ed. Kaibel);

163 For example, <http://www.digitalathenaeus.org/tools/KaibelText/search.php?what=Μενάνδρου&method=diacritics>.

164 For example, [http://www.digitalathenaeus.org/tools/KaibelText/cts_urn_retriever.php?URN=urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:1.16@πρίαιμος\[1\]](http://www.digitalathenaeus.org/tools/KaibelText/cts_urn_retriever.php?URN=urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:1.16@πρίαιμος[1]).

165 Berti (2019d).

166 http://www.digitalathenaeus.org/tools/KaibelText/named_entities_concordance.php

167 See section 5.6.1.

168 See http://www.digitalathenaeus.org/tools/KaibelText/named_entities_concordance.php?what=Πλάτωνος and http://www.digitalathenaeus.org/tools/KaibelText/named_entities_concordance.php?what=Φιλόχορος.

169 http://www.digitalathenaeus.org/tools/KaibelText/named_entities_concordance.php?what=Αριστοφάνης|lemma

- automatic detection of inflected forms in the TLG (subscription required - individual);
- Named Entity Class (still experimental: LOC, LOCderiv, ORG, ORGderiv, OTH, PER, PERderiv); visualization of other named entities in the immediate context of each searched named entity (with NE Class on mouseover).

Lemma: Πλάτων [Platon]
lemma in LOGEION

Inflected form: Πλάτωνος [Platonos] - search in Kaibel Q
inflected form in TLG
Named Entity Class: PER

| | | |
|---------|--|--|
| 1. 7 | ἀγορεύει δ' ὅτι οἱ ἐν τῷ Πλάτωνος συστατῶ ὀκτώ και εἰκοσι ἦσαν. οὗτοι | |
| 2. 73 | Φιλόλων· Διβύκων πέπτερι θυμίμα και βιβλίον Πλάτωνος ἐμβρόντητον. Νικαγόρας Θηρακόσις ἤ και λεπτοφρίοιο | |
| 3. 52 | ἐπινομήσα καλῶν; και εἰ μὲν τὴν Πλάτωνος ἠρώσας, μαθεῖν βουλόμῃθα ...· εἰ δέ | |
| 5. 12 | ἐστὶν ἀγασί ἀλλήλων ἐπαίνουόντων, τὸ δέ Πλάτωνος πλήρες ἐστὶν μυκητριῶν ἀλλήλων τυβαζόντων· τὸν | |
| 5. 18 | νεανίσκων πάρεστι σκοπεῖν ἐξ αὐτοῦ τοῦ Πλάτωνος, τὸν μὲν γὰρ Ἀλεξιβιδήην φησὶν ἐν | |
| 5. 55 | εἶην, τοῦτ' αἰτημὶ σε. τὸ δέ Πλάτωνος συμπόσιον οὐ συνέδριον ἐστίν, οὐ βουλευτήριον, | |
| 5. 55 | ποῦ θαυκευσιδῆς τὸν Σωκράτη παρενέκρυσσε τὸν Πλάτωνος στρατιώτην; τί γὰρ ἀσιπὶ εὐνῆθημα και | |
| 5. 56 | δόντος, ὡς ἡμεῖς ἀκούομεν. ὁ δέ Πλάτωνος Σωκράτης εἰς Ποσειδάων λέγει παρῆται και | |
| 5. 56 | εἶρκεν Πανσωνίας ἐξεστὶ μαθεῖν ἐκ τοῦ Πλάτωνος Συμπόσιου. Πανσωνίου γὰρ οἶκος οἶδα σύγγραμμα, | |
| 5. 56 | τοῦτο Ξενοφῶν εἶτ' ἄλλως γεγραμμένῳ τῷ Πλάτωνος ἐνέτυχε Συμπόσιῳ, παρῆσι· τὸ δέ κατὰ | |
| 5. 57 | δεύτερον, ἀπὸ δέ Ἀπολλοδώρου και τῆς Πλάτωνος γενέσεως τεσσαρεσκαιδεκάτος ἐστὶν ἄρχων Εὐθύμμος, ἐφ' | |
| 7. 10 | δὲ τούτων ἦν και Ἐπεισίππος ὁ Πλάτωνος ἀκουστής και συγγενὴς Λιονόσιος γυὸν ὁ | |
| 8. 30 | γράφει δὲ οὕτως ὁ Δελφός Ἀριστοππος Πλάτωνος ἐπιτιμησαντος αὐτῷ διησι πολλὰς ἰχθὸς ἠγόρασε, | |
| 8. 30 | δυσὲν ὀβολοῖσι ἔφησεν εὐνήσθαι, τοῦ δέ Πλάτωνος εἰπόντος διδοῖ και αὐτὸς ἀν ἠγόρασα, | |
| 8. 33 | Μυννίσκος ὁ τραγικός ὑποκριτὴς κωμῳθεῖται ὑπὸ Πλάτωνος ἐν Σέρρακι ὡς οὐφάγορας οὕτως ὀδὴ | |
| 8. 50 | τὸ φαρμακοπωλεῖν ἦλθεν· εἴτα ἀναπεπταμένου τοῦ Πλάτωνος περιπάτου, φησὶ, παραβαλὼν αὐτὸν προσεκάθεσε τοῖς | |
| 9. 28 | πλοῦτου και τρυφῆς τοῖς τοῦ θαυμασιωτάτου Πλάτωνος διαλόγοις ἠγάγακεν ἐκμανθόντων τοῖς μαγεῖρους φέροντάς | |
| 9. 37 | γὰρ ὁ Δεωλόρας ὡς γαστριμαργος ὑπὸ Πλάτωνος ἐν Περιαλιγῆ Μνηστήμαχος δ' ἐν Φιλίππῳ | |
| 9. 48 | τῷ ἐπιγραφόμενῳ περὶ τῶν ἐν τῇ Πλάτωνος Πολιτείᾳ μαθηματικὸς εἰρημένων γράφων οὕτως οἱ | |
| 10. 14 | πολυτελῶν και στρατηγικῶν δειπνῶν παραλήψεις ὑπὸ Πλάτωνος εἰς τὸ ἐν Ἀκαδημία συμπόσιον και | |
| 11. 112 | ἀνεκρως φάσκων ὁ πολυμυθέστατος Ἀριστοτέλης πρὸ Πλάτωνος διαλόγοις γεγραφομένη τὴν Ἀλεξαιμενῶν, διαβάλλει δὲ | |
| 11. 113 | Δελφός· αὐτοῦ χροσὶς εἰκόσις, εἰπόντος τοῦ Πλάτωνος, ὅτε εἶπεν αὐτῶν, ἦκει ἠμῶν ὁ | |
| 11. 113 | φασὶν ὡς ἀνεκρως ὁ Γοργίας τὸν Πλάτωνος διδάσκων πρὸς τοῖς παρόντας εἶπεν ὅτι | |
| 11. 113 | τούτων οὐτ' εἶπεν οὐτ' ἤκουσε παρὰ Πλάτωνος, ταῦτα φασὶ και Φαίδων εἰπέειν ἀναγνόντα | |

Figure 5.23. Named Entities Concordance: Πλάτωνος [Platonos]

This dynamic concordance visualizes the function of each named entity in the context and focuses on the language of bibliographic references, going beyond the limits of a traditional sequential reading approach. For example, the extraction of the occurrences of the name Ἀριστοφάνης in the *Deipnosophists* immediately reveals the citations of three homonymous authors: the comic poet (τλg0019), the historian from Boeotia (τλg1196), and the Byzantine grammarian (τλg0644). Citations in their context show when and how these authors are referred to and if they are accompanied by expressions related to their literary activity (γραμμαιτικός, κωμικός, etc.) and their works. For example, the form Πλοῦτος in the *Deipnosophists* is not only the title of a comedy by Aristophanes (that Athenaeus distinguishes between a first and a second edition), but also the title of works by Epicharmus (τλg0521) and Nicostratus (τλg0484).¹⁷⁰

170 See the results by searching Πλούτω [Ploutoi]: http://www.digitalatheneaus.org/tools/KaibelText/named_entities_concordance.php?what=Πλούτω.

Φιλόχορος [Philochoros] Submit

Lemma: **Φιλόχορος [Philochoros]**
lemma in LOGEION

Inflected form: **Φιλόχορος [Philochoros]** - search in Kaibel Q
inflected form in TLG
Named Entity Class: PER

| | | |
|----------|---|---|
| 1. 16 [| νενομισμένα ἀρνών ηδ' ἐρίφων ἐπιδήμιοι ἀρπακτῆρες Φιλόχορος δὲ ἱστορεῖ καὶ κεκαλοῦσθαι Ἀθήνην ἀπέκτου |] |
| 2. 6 [| Φιλόχορος δὲ φησὶν ὅτι οἱ πίνοντες οὐ |] |
| 2. 7 [| Φιλόχορος δὲ φησὶν Ἀριστοῦσι τὴν Ἀθήνην βασιλεῖα |] |
| 4. 65 [| Ἀρσπαγῆται καὶ ἐκούλων, ἱστῶσαν Φευδόμητος καὶ Φιλόχορος ἄλλοι τε πλείους. Μενέδημον γούνη καὶ |] |
| 5. 15 [| καὶ ἱεροὶ τυτὰς εὐλόαντες, δὲ μνήματα Φιλόχορος ἐν τῇ ἐνέτῃ καλοῦσι δ' ἄρσενιακῶς |] |
| 5. 58 [| μ', Περώνωμος κη', Μαροῦσις δὲ καὶ Φιλόχορος κγ', τούτων αὐτῶν διαφύρομένην ἱστορημένον λάβωμεν |] |
| 6. 27 [| τούτου παρασίτιον προσγορεύετο. ταῦτά ἱστορεῖ καὶ Φιλόχορος ἐν τῇ ἐπιγραφομένῃ Τετραπόλει μνημονεύον τῶν |] |
| 6. 46 [| ἕξασιν ἐστῶν τύχη, ἐλθὼν ... καὶ Φιλόχορος δ' ἐν ἐβδόμῃ Ἀθῆνῶν οἱ γυναικονόμοι, |] |
| 9. 17 [| τινα ἐκλυπόντων τῶν βῶν, φησὶν ὁ Φιλόχορος , νομοθετηθῆναι διὰ τὴν σπάνον ἀπέχεσθαι αὐτοῦς |] |
| 9. 49 [| ἐν Ὀρνιθολογίᾳ ἢ Βοαίᾳ , ὡς φησὶ Φιλόχορος , ὑπὸ Ἀρσῆτος τὸν Κίκων ὀρνιθολογῆσαι καὶ |] |
| 11. 13 [| ὑποτίναμεν. λέγει δὲ περὶ τούτων ὁ Φιλόχορος οὕτως: Ἀθηναί τοῖς Διονυσιακοῖς ἀγῶσι τὸ |] |
| 11. 92 [| PENTATHLON , μνημονεύει αὐτῆς Φιλόχορος ἐν δευτέρῃ Ἀθῆνῶν Ἀριστοδότημος δ' ἐν |] |
| 14. 24 [| θεῶν λόγος ἀποσεμνύνει τὸν ἐκάστου τρόπον. Φιλόχορος δὲ φησὶν ὡς οἱ παλαιοὶ σπέδοντες |] |
| 14. 29 [| Ἰππῆται οὺ παῖματα ἀπονημονεύοντες ἐρρυθμον κίνησον ποιοῦνται. Φιλόχορος δὲ φησὶν κρατήσαντας Δακεδαίμονιους Μεσσηνῶν διὰ |] |
| 14. 42 [| γενόμενον κατὰ Ἀρχύλοχον , κατοικήσαντα ἐν Κορκυραῖς . Φιλόχορος δ' ἐν γ' Ἀθῆνῶν Δισσάνορος φησὶν, |] |
| 14. 53 [| μνημονεύει αὐτοῦ καὶ Διφίλος ἐν Ἐκάτῃ Φιλόχορος δ' ἀμφότερα αὐτὸν κληθῆναι καὶ εἰς |] |
| 14. 59 [| ὄγδωρ Πολιτικῶν Νόμων , τὴν Πολιτικῶν ἐπιγραφομένην. Φιλόχορος δ' ἐν τοῖς περὶ Μαντικῆς Διάδοτων |] |
| 14. 72 [| ἢ προσφῶρων. Ἀθηναί οι δ', ὡς φησὶ Φιλόχορος , τοῖς Ἰατρῶν θεῶσι οὐκ ὀπίσσω, ἀλλ' |] |
| 15. 48 [| εἰς αὐτοῦ τὰ καλά καὶ χρήσιμα. Φιλόχορος δ' ἐν δευτέρῃ Ἀθῆνῶν καὶ Θέσμων , |] |
| 15. 52 [| ἐπ' Ἀντιγόνης δὲ καὶ Ἰαμπετρίου φησὶν Φιλόχορος Ἀθηναίους θεῶν παῖτας τοῖς πεπονημένους ὑπὸ |] |

Figure 5.24. Named Entities Concordance: Φιλόχορος [Philochoros]

Ἀριστοφάνης [Aristophanes] Submit

Lemma: **Ἀριστοφάνης [Aristophanes]**
lemma in LOGEION

Inflected form: **Ἀριστοφάνης [Aristophanes]** - search in Kaibel Q
inflected form in TLG
Named Entity Class: PER

| | | |
|---------|--|---|
| 11. 3 [| οὕτως ἢ τῶν ποτηρίων σκευοθήκη παρ' Ἀριστοφάνει μὲν ἐν Γεωργίᾳ , ὡς περὶ κωμικῶν τοῦδ' ὄνομα |] |
|---------|--|---|

Inflected form: **Ἀριστοφάνη [Aristophane]** - search in Kaibel Q
inflected form in TLG
Named Entity Class: PER

| | | |
|----------|---|---|
| 5. 3 [| τὴν μὲν Τροχίμαχον ἱεράν, τὴν δὲ Ἀριστοφάνη παρῆν, ἄλλων δ' ἐπ' ἄλλῃ προσημασία |] |
| 5. 18 [| δὲ νυσσάτων, κατακαρῆν δὲ πρῶτον τὸν Ἀριστοφάνη , ἧς δὲ ἡμέρας ὑποφωτισθεὶς τὸν Λυβύλοιο |] |
| 9. 2 [| ἐν τοῖς περὶ τῆς Ἀετικῆς λέξεως Ἀριστοφάνη παριστῶ λέγοντο: κώμῃσι σῆμα καὶ τὰ |] |
| 9. 59 [| ἔχοντες ἔχοντες ἐγγεγραμμένον μάρτυρα τὸν χαρίεντα Ἀριστοφάνη , ἅμα δὲ ταῦτα λέγοντες αὐτοῦ εἰρηλῆ |] |
| 11. 41 [| γεγονῶσι τοῖς χρόνοις κατὰ τὸν κωμικὸν Ἀριστοφάνη , μνημονεύει δὲ τῆς κωμικῆς Θέσματος μὲν |] |

Inflected form: **Ἀριστοφάνην [Aristophanen]** - search in Kaibel Q
inflected form in TLG
Named Entity Class: PER

| | | |
|----------|--|---|
| 3. 11 [| φησὶν κωδοῖνα ὑπὸ Λακωνῶν , ταῦτο λέγων Ἀριστοφάνην εἰρηρῆναι ἐν Λακωνιακοῖς Τάσιμα κωρῶκεν δὲ |] |
| 14. 39 [| τινα ἀποτέλεν τοῖς ἀρραγμένοις, καθῆπερ καὶ Ἀριστοφάνην ἐν Βατράχοις φέπει |] |
| 14. 67 [| ἰσθῆδες — ὄντως γὰρ κατὰ τὸν Ἀριστοφάνην οὐδὲν γὰρ ὄντως γλυκύτερον τῶν ἰσθῆδων |] |

Inflected form: **Ἀριστοφάνης [Aristophanes]** - search in Kaibel Q
inflected form in TLG
Named Entity Class: PER

| | | |
|---------|--|---|
| 1. 6 [| εἰσοσθεῖς, οὐκ ἐγχευομένους, γυργάβους ἀφῆραστους φέροντες. Ἀριστοφάνης φησὶν. |] |
| 1. 39 [| γούνη μετὰ τοῦ εἰκότος τὰ κρέματα. Ἀριστοφάνης γούνη ἐπαρὰ δὲ τοῦ κωμικῶς ἢ |] |
| 1. 55 [| σκληρῶς καὶ δόξωμαι ἔχον διαφέρουσα· οὕτω Ἀριστοφάνης οὐχ ἠδέσθαι Ἀθηναίους φησὶ λέγων τὸν |] |
| 2. 15 [| ἐν Βουαίᾳ ἢ Πύλοισι : ἀφ' ἧς Ἀριστοφάνης φησὶ Τετραπῶν πύνα δια γῆρας οὐχ |] |
| 2. 30 [| καὶ λωμένους μέρους φακαστοῦ, φησὶν Ἰάσπιος Ἀριστοφάνης ὅστις ἐν ἠδυσμοῖσι σπράμομα παννυχίων τῆν |] |
| 2. 32 [| τοῖων ποτ' ἦν, αἰνιγματῶν τοῦ νοεῖς. Ἀριστοφάνης τράπταν ἡμῖν εἰσέφερε τριτὴς πόδος ἔχουσαν, |] |
| 2. 35 [| ἐπεὶ τοῦ κωμικοῦ φωνῶν κεφαλαίως γίνεσθαι. Ἀριστοφάνης ἐν τοῖς ὄρεσι δ' ἀποτίμασθαι τὰ |] |
| 2. 40 [| ἀποδείξει με, καὶ μὴ τὴν ἀμυγδαλὴν. Ἀριστοφάνης ἄγε νου τὰς ἀμυγδαλὰς λαβῶν ταυτὴ |] |
| 2. 47 [| εἰσοσμαχῆρας εἶναι, μνημονεύει τὴν Θλασῶν εἰκασίαν Ἀριστοφάνης Θλασῶν ποιῆσαι ἐλάαια, πάλιν οὐ ταῖσιν |] |
| 2. 48 [| δ' οὕτω τὰς βαφειδας εἰρακε θῆλον. Ἀριστοφάνης ποιῆσαι περὶ τῆς τοιαύτης ἀρραγῆτος ἐν |] |

Figure 5.25. Named Entities Concordance: Ἀριστοφάνης [Aristophanes]

5.6.3 Named Entities Annotation

Pre-annotated data described in section 5.6 has been imported into INCEpTION, which is a web-based platform for semantic text annotation.¹⁷¹ The INCEpTION platform reuses parts of WebAnno, which is a text annotation tool that was originally developed for the CLARIN community but that is now mainly maintained as part of the INCEpTION project.¹⁷² INCEpTION combines WebAnno with new functionalities such as the knowledge management, search, and more. Both tools support a wide range of text annotation tasks including NE annotation. Moreover, INCEpTION supports interactive and semantic annotation, as for example concept linking, fact linking, and knowledge base population.¹⁷³

In the *Digital Athenaeus* project, INCEpTION is currently used to visualize, correct, and nest annotations of single ancient Greek NEs that have been semi-automatically extracted with the method described in section 5.6. Data has been imported into INCEpTION as TSV files generated according to the WebAnno TSV 3.2 file format.¹⁷⁴ Each file includes the text of single paragraphs of the *Deipnosophists* with sentences split in separate lines.¹⁷⁵ Figure 5.26 shows how pre-annotated data is stored in a TSV file, where each sentence and each token has a number and where entities are annotated with a `NamedEntity` layer and a `Lemma` layer. Each entity is also provided with a CTS URN. Figure 5.27 shows how this data is visualized in INCEpTION in separate numbered lines, where single entities have colored labels corresponding to the two layers `NamedEntity` and `Lemma`.

A layer called `Catalog` has been created in INCEpTION to annotate NEs that correspond to names of ancient authors and to descriptions/titles of ancient works, in order to disambiguate these entities and produce a text-based catalog of Greek literature with annotations of ancient Greek inflected forms and their corresponding lemmata. Figure 5.28 shows the `Catalog` layer, whose values correspond to CTS URNs that uniquely identify authors and works.¹⁷⁶

Individual entities have been linked together in spans corresponding to real entities, as for example Ἀρχέστρατος ὁ Συρακούσιος ἢ Γελῶος (Archestratus from

171 See <https://inception-project.github.io/> and Klie/Bugert et al. (2018). On the annotation of the *Deipnosophists* in INCEpTION, see <https://inception-project.github.io/use-cases/digital-athenaeus/> and Berti (2019d).

172 See <https://webanno.github.io/webanno/> and Eckart de Castilho/Mújdricza-Maydt et al. (2016). For a recent review of WebAnno, see Neves/Ševa (2021).

173 More information is available in the documentation of the project: <https://inception-project.github.io/documentation/>.

174 https://webanno.github.io/webanno/releases/3.5.5/docs/user-guide.html#sect_webannots

175 Sentence splitting has been performed on the basis of punctuation marks in ancient Greek: full stop (.), upper stop (˙), and question mark (;).

176 Cf. Berti/Blackwell et al. (2016).

```

#FORMAT=WebAnno TSV 3.2
#T_SP=de.tudarmstadt.ukp.dkpro.core.api.ner.type.NamedEntity|identifier|value
#T_SP=de.tudarmstadt.ukp.dkpro.core.api.segmentation.type.Lemma|value
#T_SP=webanno.custom.AncientGreekCatalog|value

#Text=ὄτι Ἀρχέστρατος ὁ Συρακοῦσιος ἢ Γελάος ἐν τῇ ὡς Χρόστιμος ἐπιγράφει Γαστρονομίᾳ, ὡς
ὁ Λυγκεύς καὶ Καλλιμάχος ἤθουαθεῖα, ὡς δὲ Κλέαρχος Δειπνολογίᾳ, ὡς δ' ἄλλοι Ὀψοποιῖα –
ἐπικὼν δὲ τὸ ποίημα, οὗ ἡ ἀρχή-
1-1 0-3 ὄτι - - - -
1-2 4-15 Ἀρχέστρατος * PER Ἀρχέστρατος urn:cts:greekLit:tlg1175[1]
1-3 16-17 ὁ - - - urn:cts:greekLit:tlg1175[1]
1-4 18-29 Συρακοῦσιος * L0Cderiv Συρακοῦσιος urn:cts:greekLit:tlg1175[1]
1-5 30-31 ἢ - - - urn:cts:greekLit:tlg1175[1]
1-6 32-38 Γελάος * L0Cderiv Γελάος urn:cts:greekLit:tlg1175[1]
1-7 39-41 ἐν - - - -
1-8 42-44 τῇ - - - -
1-9 45-47 ὡς - - - -
1-10 48-57 Χρόστιμος * PER Χρόστιμος urn:cts:greekLit:tlg1264
1-11 58-67 ἐπιγράφει - - - -
1-12 68-79 Γαστρονομίᾳ * OTH γαστρονομία urn:cts:greekLit:tlg1175.tlg001
1-13 79-80 , - - - -
1-14 81-83 ὡς - - - -
1-15 84-86 δὲ - - - -
1-16 87-94 Λυγκεύς * PER Λυγκεύς urn:cts:greekLit:tlg0471
1-17 95-98 καὶ - - - -
1-18 99-109 Καλλιμάχος * PER Καλλιμάχος urn:cts:greekLit:tlg0533
1-19 110-119 ἤθουαθεῖα * OTH ἤθουαθεῖα urn:cts:greekLit:tlg1175.tlg001
1-20 119-120 , - - - -
1-21 121-123 ὡς - - - -
1-22 124-126 δὲ - - - -
1-23 127-135 Κλέαρχος * PER Κλέαρχος urn:cts:greekLit:tlg1270
1-24 136-147 Δειπνολογίᾳ * OTH δειπνολογία urn:cts:greekLit:tlg1175.tlg001
1-25 147-148 , - - - -
1-26 149-151 ὡς - - - -
1-27 152-154 ὅ - - - -
1-28 155-160 ἄλλοι - - - -
1-29 161-169 Ὀψοποιῖα * OTH Ὀψοποιῖα urn:cts:greekLit:tlg1175.tlg001
1-30 170-171 - - - -
1-31 172-178 ἐπικὼν - - - -
1-32 179-181 δὲ - - - -
1-33 182-184 τὸ - - - -
1-34 185-191 ποίημα - - - -
1-35 191-192 , - - - -
1-36 193-195 αὐ - - - -
1-37 196-197 ἢ - - - -
1-38 198-202 ἀρχή - - - -
1-39 202-203 · - - - -

```

Figure 5.26. WebAnno: TSV 3.2 file format (Ath., *Deipn.* 1.7)

Syracuse or Gela), who is citable as `urn:cts:greekLit:tlg1175`. In the same line, different forms of the title of Archestratus' work are identified with a CTS URN that also includes the reference to the author through the TLG four-digit number `tlg1175: urn:cts:greekLit:tlg1175.ath001`.¹⁷⁷

In the annotations, the TLG three-digit numbers used for works have been experimentally substituted with the string `ath###` because TLG numbers are associated with the editions of the texts published in the corpus of the TLG. I use the string `ath###` to express the fact that I'm annotating the text of Athenaeus and, in theory, the editions used by him when composing the *Deipnosophists*.¹⁷⁸ INCEPTION allows also to ingest data from the Wikidata knowledge base, which acts as central storage for the structured data of its Wikimedia sister projects including Wikipedia, Wikivoyage, Wiktionary, Wikisource, and others. In this case, the Wikidata item Q210507 identifies Archestratus and its label is included in the catalog layer.¹⁷⁹

177 The four forms are: *Γαστρονομία*, *Ἡδυπάθεια*, *Δειπνολογία*, and *Ὀψοποιῖα*. On the titles of the work of Archestratus, see p. 109 n. 26.

178 Cf. Berti/Blackwell et al. (2016). This method has a computational and philological purpose, but it's certainly not a way to bypass the well known questions concerning the sources used by Athenaeus. On TLG three-digit numbers, see p. 19 n. 55.

179 <https://www.wikidata.org/wiki/Q210507>

The screenshot displays the INCEPTION software interface. At the top, there is a navigation bar with 'Help', 'Administration', and 'Log out (automatically in 29 min)'. Below this is a toolbar with sections for 'Document', 'Page', 'Script', 'Help', and 'Workflow'. The main workspace shows a document titled 'Deipnosophists01-007.tsv' with the following text:

1. οτι Αρχέστρατος ὁ Συρακοῦσιος ἡ Γελοῖος ἐν τῇ ὡς Χρύσιππος ἐπιγράσει Γαστρονομίᾳ, ὡς δὲ Λυκείος καὶ Καλλίμαχος ἠδὲμαθεῖα, ὡς δὲ Κλέαρχος Δειπνολογία, ὡς δ' ἄλλοι Ὀμηροῖσι — ἐπικόν δὲ τὸ νοῖμα, οὐ ἡ ἀρχή·

2. ἱστορῆς ἐπίδειγμα ποιούμενος Ἑλλὰδι πάση — φησί·

3. πρὸς δὲ μὴ πάντας δεῖπνῶν ἀφόρατι τραπέζῃ.

4. ἔτασαν δ' ἡ τρεῖς ἡ τέσσαρες οἱ εὐνάπαντες ἡ τῶν πέντε γε μὴ πλείους·

5. ἦδη γὰρ ἐν εἰ μισθοφόρων ἀρσιβίων σκηνῇ στρατιωτῶν.

The text is annotated with various tags: 'Αρχέστρατος' (PER), 'Συρακοῦσιος' (LOC), 'Γελοῖος' (LOC), 'ἐπιγράσει' (PER), 'Χρύσιππος' (PER), 'Γαστρονομίᾳ' (OTH), 'Λυκείος' (PER), 'Καλλίμαχος' (PER), 'ἠδὲμαθεῖα' (OTH), 'Κλέαρχος' (PER), 'Δειπνολογία' (OTH), 'ὡς δ' ἄλλοι' (PER), 'Ὀμηροῖσι' (LOC), 'ἐπικόν' (PER), 'τὸ νοῖμα' (LOC), 'οὐ ἡ ἀρχή' (PER). A sidebar on the right shows a table of annotations:

| Layer | Named entity |
|------------|--------------|
| Annotation | Clear |
| Text | Αρχέστρατος |
| value | PER |

Figure 5.27. INCEPTION: pre-annotated data (Ath., *Deipn.* 1.7)

The screenshot displays the INCEPTION interface for a catalog layer. At the top, the navigation bar shows 'berit: Digital Athenaeus/01-007.tsv' and 'berit Administration'. The left sidebar contains navigation icons for home, back, forward, search, and other functions. The main text area shows a Greek passage with several named entities highlighted in green boxes, each with a unique identifier (e.g., urn:cts:greekLit:ttg175:ark001). The entities include 'Archestratus', 'Gastronomia', 'Chrysippos', 'Hymnothēia', 'Kallichmos', 'Lukkeus', 'Thyphoila', 'Elikon', 'Lok', 'Archestratus', and 'Archestratus'. The right sidebar provides details for the selected annotation, including the text 'Archestratus', the author 'Archestratus', and the work 'no description'.

Figure 5.28. INCEpTION 0.19: catalog layer (Ath., *Deipn.* 1.7)

As part of a DFG-funded project, work is currently focused on standardize lemmata, check annotations, correct inconsistencies, include complete NEs disambiguation and linking, and perform coreference resolution with a focus on entities related to ancient Greek authors and works.¹⁸⁰ Lemmatized and annotated entities include names of authors (e.g., Θουκυδίδης and Ἀντισθένης ὁ Σωκρατικός) and words belonging to ancient titles or to descriptions of ancient works (e.g., ἐν τῷ περὶ Ἀττικῶν ὀνομάτων ἢ Γλωσσῶν and Πλούτῳ δευτέρῳ). These forms that have been annotated and revised with generic tags need to be further specified according to their function in the *Deipnosophists*. For example, Θουκυδίδης in the text of Athenaeus is not only a personal name [PER], but also the name of an ancient author; Ἡρακλῆς is not only the name of a god [PER], but also the title of different works.

In order to follow current practices in *Linked Open Data* (LOD), semantic subtypes for domain-specific named entities will be defined according to the *Functional Requirements for Bibliographic Records entity-relationship model* (FRBR), which is also a reference standard of the *Perseus Catalog* and of the *CITE Architecture*.¹⁸¹ Semantic subtypes will cover the variety of words used by Athenaeus to refer to authors, works, and editions. Tags and semantic subtypes will be part of a tagset that will be uploaded into INCEPtion to visualize and correct data.

Considering the characteristics of bibliographic references in the *Deipnosophists*, this part of the work will allow to produce and export a tagset that can be used to annotate bibliographic entities in other works of ancient Greek literature. The project will then disambiguate and extract bibliographic references from revised entities. Single entities will be linked together in spans corresponding to real entities, such as author names (e.g., Ἴστρος ὁ Καλλιμάχειος) and work titles (e.g., Λακεδαιμονίων Πολιτεία). Tags will be further specified according to the BIO and BILOU annotation formats for multi-token entities.¹⁸²

These tags will be nested with semantic subtypes. Disambiguation and extraction will also capture parts of real entities not yet annotated, as for example the lower-case title συμπόσιον in the expression τὸ δὲ Πλάτωνος συμπόσιον. Transliterated lemmata will be aligned with entries of the *indices scriptorum* of the *Digital Athenaeus* project and with entries extracted from the *TLG Canon* and from the *Perseus Catalog*. Missing entities will be manually added. Given that we don't have bibliographic authority lists in ancient Greek, but only catalogs in Latin or in modern languages, the work for disambiguating and extracting named entities will be performed semi-automatically. The lemmatization will allow to query lemmata of named entities in external resources to generate provisional

180 See p. 308 n. 11.

181 Babeu (2012); Babeu (2019); Blackwell/Smith (2019).

182 On these formats, see Nouvel/Ehrmann et al. (2016) 151-152.

results. Ancient Greek lemmata will be queried in *Logeion*, VIAF, *DBPedia* and *Wikidata*, in order to find author names of ancient Greek writers that will be further disambiguated with a contextual analysis in the text of the *Deipnosophists* to distinguish, for example, Πλάτων the philosopher and Πλάτων the comic poet. These resources are very useful, because they provide a structured knowledge resource and are importing author names in ancient Greek, that are usually missing in traditional catalogs and indices where these names are expressed in Latin or in other modern languages.

Provisionally annotated data will be uploaded into INCEpTION for visualization, query, correction, active learning and concept linking. INCEpTION will also help perform coreference resolution for solving coreferences in order to identify and relate different references to the same entity like names, descriptions, and pronouns. For example, Ἴστρος and Ἴστρος ὁ Καλλιμάχειος in the *Deipnosophists* refer to same entity “Ister Cyrenaeus”.¹⁸³ Another example is the adjective γραμματικός to be referred to Ἀριστοφάνης in order to disambiguate the grammarian from other homonymous authors cited by Athenaeus.¹⁸⁴ This work will produce a knowledge base in INCEpTION for linking entity mentions to a structured vocabulary for ancient Greek authors and works that can be used to annotate other texts. As mentioned before, remote knowledge bases like *DBPedia* and *Wikidata* will be also used in INCEpTION to link annotations with external resources.¹⁸⁵

Every occurrence of each named entity will be assigned unique identifiers in the form of CTS and CITE urns. For example, the word form Ἑλλάνικον in *Deipn.* 11.6 will be identified as urn:cts:greekLit:tlg0008.tlg001.perseusgrc2:11.6@Ἑλλάνικον[1], which means that this is the first occurrence of the word Ἑλλάνικον in this paragraph of Athenaeus’ work. This instance of the name Hellanicus will be also assigned urn:cite:perseus:author.701, which is the identifier of the author Hellanicus of Lesbos in the *Perseus Catalog*.¹⁸⁶

URNs will also identify works and multi-token entities. For example, Λυσιστράτη in *Deipn.* 3.39 will be assigned both urn:cts:greekLit:tlg0008.tlg001.perseus-grc2:3.39@Λυσιστράτη[1] and urn:cts:greekLit:tlg0019.tlg007, which is the identifier of Aristophanes’ *Lysistrata* in the *Perseus Catalog*.¹⁸⁷ Ἴστρον τὸν Καλλιμάχειον in *Deipn.* 9.38 will be identified both as urn:cts:greekLit:tlg0008.tlg001.perseus-

183 The homonymous river Ἴστρος will not be considered here because already disambiguated.

184 See p. 406.

185 Boullosa/Eckart de Castilho et al. (2018); Eckart de Castilho/Klie et al. (2018); Klie/Bugert et al. (2018).

186 <https://catalog.perseus.org/catalog/urn:cite:perseus:author.701>

187 See <https://catalog.perseus.org/catalog/urn:cts:greekLit:tlg0019.tlg007>. On the experimental string ath### to cite works, see p. 409.

grc2:9.38@Ιστορον[1]-Καλλιμάχειον[1] and as urn:cite:perseus:author.776, which is the identifier of Ister Cyrenaeus in the *Perseus Catalog*.¹⁸⁸

Ambiguities and manuscript variants will be documented, and authors and works still missing in the TLG and in the *Perseus Catalog* will be assigned new identifiers, as for example the grammarian Agallis of Corcyra cited in *Deipn.* 1.25. This phase of the project will find semantic relations among annotated real entities, which means relating entities of bibliographic references in the text of the *Deipnosophists*, as for example relating author name, book number, and title in the expression Ξενοφῶν ἐν δευτέρῳ Ἀναβάσεως in *Deipn.* 2.85.

The language of bibliographic references in the *Deipnosophists* is precise and structured, and it is possible to identify regular patterns based on the morphology and on the context of words of named entities including *verba dicendi*, like for example γράφει, ἔφη, ἱστορεῖ, μέμνηται, μνημονεύει, φησίν, etc. Regular patterns and contextual clues identified in this phase will be used to annotate bibliographic relations in other texts.¹⁸⁹

Part-of-Speech (POS) tagging of the *Deipnosophists* is already available in the *Lemmatized Ancient Greek XML* corpus and this data will be used during this phase of the project. Finally, INCEpTION provides a “search functionality” that allows to perform different queries for extracting and annotating relations.¹⁹⁰ The “fact extraction functionality” of INCEpTION will be also used to annotate relations and populate the knowledge base.¹⁹¹ Data produced will be imported into ANNIS for visualization and retrieval. ANNIS is a DFG-funded project that offers a web browser-based search and visualization architecture for complex multi-layer linguistic corpora with diverse types of annotation.¹⁹² ANNIS is also used for historical languages as in the project *Coptic SCRIPTORIUM*.¹⁹³ ANNIS will be used in the *Digital Athenaeus* project for visualizing and querying named entity annotations.

188 <https://catalog.perseus.org/catalog/urn:cite:perseus:author.776>

189 Cf. Nouvel/Ehrmann et al. (2016) 77 and 80.

190 Boullosa/Eckart de Castilho et al. (2018) 128-130.

191 Klie/Bugert et al. (2018).

192 See <http://corpus-tools.org/annis>, Druskat/Gast et al. (2016), and Krause/Zeldes (2016).

193 Zeldes/Schroeder (2016).