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## **PHI Latin Texts**

Classical Latin Texts. A Resource Prepared by The Packard Humanities Institute (PHI), Packard Humanities Institute (ed.), 2015. <a href="http://latin.packhum.org/">http://latin.packhum.org/</a> (Last Accessed: 31.01.2018). Reviewed by Dániel Kozák (Eötvös Loránd University, Dept. of Latin), kozak.daniel (at) btk.elte.hu.



#### **Abstract**

PHI Latin Texts (PHI, in short), although published online in 2015, provides access to the contents of the 1998 CD-ROM version of the same database. It has a minimalistic user interface which allows users to browse the collection and run full-text searches on selected works or the whole collection. The texts are taken from reliable critical editions, but without introduction and critical apparatus. Although technologically obsolete by today's standards (e. g. TEI/XML are not used), PHI is still one of the most widely used open access text collections of Roman literature.

- With the emergence of computers, classical philologists had quickly recognized the enormous value a consistently encoded digital corpus of ancient Greek and Latin texts would offer for them. Two databases of similar design were the result of work started already in the 1970's: *Thesaurus Linguae Graecae* (TLG), containing ancient Greek texts, and the Packard Humanities Institute database of ancient Latin texts (henceforth, PHI). Up to the end of the 1990's, subsequent versions of these databases were distributed on CD-ROM, to be accessed with various free and commercial applications available for different platforms.
- 2 In the early 2000's, however, the paths of TLG and PHI separated. TLG was made available online in 2001, with a full version by subscription and a limited set of texts for

- free. It is constantly updated with the addition of more texts and new search options. PHI, on the other hand, had remained for another decade in the offline world, with no new versions of the database produced (the latest being version 5.3, published in 1991). Finally, in 2015, the latest version of PHI was made freely accessible online. The online version specifically is the subject of this review, written from the perspective of a classical philologist rather than that of an expert in digital humanities.
- I cannot offer a comprehensive comparison of all currently available databases containing ancient Latin texts; but I will compare some features offered by PHI with free databases such as *Perseus Digital Library* (henceforth, PDL) or *The Latin Library* (LL), and paid databases such as Brepols' *Library of Latin Texts* (LLT) or De Gruyter's *Bibliotheca Teubneriana Latina Online* (BTL).
- Although there is no general documentation (apart from three sentences on the 'About PHI Latin' page), the above outlined history makes it clear that PHI has always been a research tool designed primarily for professional classicists. The online version contains nearly all surviving literary texts ('literary' in the broad sense of having been written for public circulation), including not just complete works, but also fragments (in many cases, only a couple of words) from the beginnings of Latin literature in the 3rd century BC up to AD 200 (concerning the editions used, see below). A few late antique texts, however, are also present, such as Servius' (4-5th c.) commentaries on Vergil. In all, 836 works by 362 authors are represented. PHI does not (and was to my knowledge never intended to) contain texts from inscriptions and papyri (except for a few literary works not known otherwise, such as Augustus' Res gestae). The only difference between the coverage of texts in the online PHI and the latest CD-ROM version is that the latter also contains several (not just Latin) versions of the Bible and John Milton's Paradise Lost and Defensio pro populo Anglicano (First Defence). Actually, the removal of these texts made the online PHI a more uniform textual corpus with regard to language and period.
- The limit of AD 200, of course, remains arbitrary, and the addition of just a few later texts such as Claudian's epic *De raptu Proserpinae* or Ammianus Marcellinus' *Res gestae* covering later Roman history (both 4th c. works) would have improved the coverage of the respective genres of (non-Christian) Roman literature considerably. Nevertheless, the virtually complete coverage of literary texts for the selected period is remarkable, and makes PHI (to my knowledge) the only freely available database

allowing representative and reliable corpus-wide searches for that much of surviving Roman literature. To include late antique texts in the research, one either has to use paid databases with greater period coverage (such as LLT and BTL), or consult individual texts in other free databases (Ammianus and Claudian, for example, are both included in PDL and LL).

- Another strength of PHI, when compared to other free databases of similar nature, is that its texts are based on high-quality transcriptions from reliable and, if possible, recent critical editions available at the time of building the database. (By comparison, PDL offers reliably transcribed texts from earlier, out of copyright editions; LL offers texts which are sometimes transcribed with many typos, often from obsolete, unreliable or unidentified editions.) Only the established text itself is included in PHI; introduction, apparatus criticus and any additional material must still be consulted in the print editions themselves.
- The only but crucially important kind of metadata or annotation accompanying the texts themselves are the standard numeric markers which are used in classical philology for consistent and (mostly) edition-independent citation of even short passages (e.g. 23.45.4.2 referring to a given book/chapter/sub-chapter/line in a lengthy prose work such as Livy's monumental history of Rome, *Ab Urbe Condita*). PHI can also handle URL's containing such references. This URL scheme, however, is undocumented and unfortunately not employed by PHI when navigating through the user interface; still, it allows other LOD-services like the *Classical Works Knowledge Base* (a parser for such standard citations) to include links to PHI alongside other databases.
- Texts can be displayed in Unicode (the default) or Beta code 11 (designed during the 1980's to allow precise encoding of Ancient Greek, originally, but used in both TLG and PHI). It is not stated in which format the texts are stored; but it seems more probable that it is (some derivation of) the original format used on the PHI CD-ROM rather than TEI/XML (the use of the latter is one of the strengths of PDL).
- The CD-ROM version of PHI (and TLG) contains only the database itself. The online version, by contrast, is tied to its own user interface; there is no (documented) way to access the data by different means. There is also no option to download a formatted list of search results or particular passages of text (not to speak about the ability to download whole texts or the whole corpus for textual analysis done by other tools). 12

However, since virtually every view PHI can display is represented by a distinct URL, one can easily bookmark or share links to specific queries or passages.

PHI has a minimalistic user interface with some undocumented and (in my view) unintuitively accessible features; however, after some experimentation, it can be used quite efficiently. There are three modes of operation: Browse, Search and Concordance.

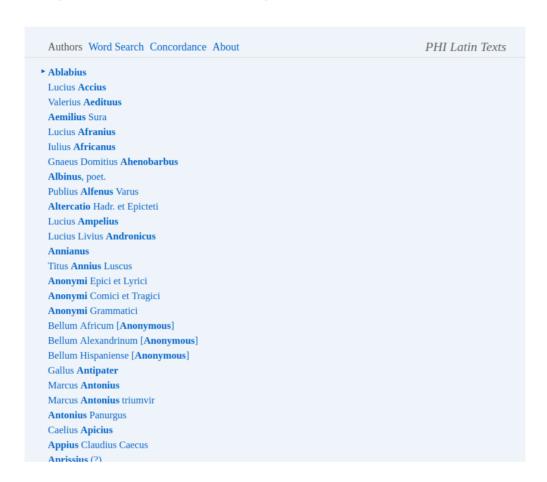


Fig. 1: Browsing by authors.



Fig. 2: Selected author.

After accepting a simple licence agreement (allowing 'fair use') on the opening page, the user is taken to the 'Browse' page, <sup>13</sup> where an author can be selected from a list (in addition to scrolling, one can also begin to type in a name, see Fig. 1). Another

page lists the texts – particular works and/or collections of fragments – by the selected author; hovering a title brings up the citation of the edition upon which the digital text is based (see Fig. 2). Unfortunately, this vital information is only accessible from here (and the 'Canon of Latin Authors' page), <sup>14</sup> not while viewing a particular passage. This is an inconvenience, especially when the user is going through a list of search results including various authors and texts. Also displayed on the author's page (in square brackets) are abbreviations for both author and texts, which can be used in search mode to filter results (see below). <sup>15</sup>

Authors Word Search Concordance About		PHI Latin Text
Titus Livius, Ab Urbe Condita 23.45.1.1		Betacode
Previous Next ◀     ▶		
proelium	23.45.1.1	
erat anceps; summa ui et duces hortabantur et milites		
pugnabant. Marcellus uictis ante diem tertium, fugatis ante		
paucos dies a Cumis, pulsis priore anno ab Nola ab eodem		
se duce, milite alio, instare iubet: non omnes esse in acie;	2.1	
praedantes uagari in agro; sed qui pugnent marcere Campana		
luxuria, uino et scortis omnibusque lustris per totam hiemem		
confectos. abisse illam uim uigoremque, delapsa esse robora	3.1	
corporum animorumque quibus Pyrenaei Alpiumque superata		
sint iuga. reliquias illorum uirorum uix arma membraque		
sustinentes pugnare. Capuam Hannibali Cannas fuisse:	4.1	
ibi uirtutem bellicam, ibi militarem disciplinam, ibi praeteriti		
temporis famam, ibi spem futuri exstinctam. cum haec	5.1	
exprobrando hosti Marcellus suorum militum animos erigeret,		
Hannibal multo grauioribus probris increpabat: arma signa-	6.1	
que eadem se noscere quae ad Trebiam Trasumennum-		
que, postremo ad Cannas uiderit habueritque; militem		
alium profecto se in hiberna Capuam duxisse, alium inde		
eduxisse. 'legatumne Romanum et legionis unius atque	7.1	
alae magno certamine uix toleratis pugnam, quos binae acies		
consulares nunquam sustinuerunt? Marcellus tirone milite	8.1	
ac Nolanis subsidiis inultus nos iam iterum lacessit. ubi		
ille miles meus est, qui derepto ex equo C. Flaminio consuli		
caput abstulit? ubi, qui L. Paulum ad Cannas occidit?		
ferrum nunc hebet? an dextrae torpent? an quid prodigii	9.1	
est aliud? qui pauci plures uincere soliti estis, nunc pau-		
cis plures uix restatis. Romam uos expugnaturos, si quis		
duceret, fortes lingua iactabatis. en, minor res est: hic	10.1	
experiri uim uirtutemque uolo. expugnate Nolam, campe-		

Fig. 3: Display of a text, here Ab Urbe Condita by Titus Livius.

Except for the shortest ones, texts are displayed on several pages (see Fig. 3). The length of segments making up a single page, however, is inconsistent and varies to a large degree, even between texts of similar genre and dimensions (e.g. for Vergil's 12 book epic *Aeneid* one page equals one book, an average of 825 lines; the 15 books of Ovid's *Metamorphoses* are segmented as pages of 30–40 lines). This inconsistency can be especially problematic for search operations (see below). For navigation, there are

links pointing at the previous and the next page; a slider for jumping to any page; and the slider arrows for jumping to the beginning of major textual segments (usually, books). Apart from the fact that the slider arrows have sometimes different, sometimes the same function as the labeled links (a side effect of the above mentioned inconsistency in page lengths), the slider is not always convenient to use. Let us suppose, for example, that the user is looking for passage 23.45.4 in Livy (already used as an example above). Since this text is made up of 1765 pages in PHI (one page for each *caput*/chapter), it is very difficult to precisely select the right page. The navigation interface could be made much more convenient to use by the addition of a text field where one would simply enter "23.45.4" and jump to the page containing the passage. Given that PHI, as discussed above, can already handle URLs based on this standard citation scheme, this seems to be an improvement easy to implement.

A very concise Latin/English dictionary can be opened for type-in search by clicking the 'PHI Latin Texts' logo in the upper right corner. I find the placement of this link quite unintuitive (especially given that this feature is undocumented), and it is not stated anywhere which dictionary is being used.

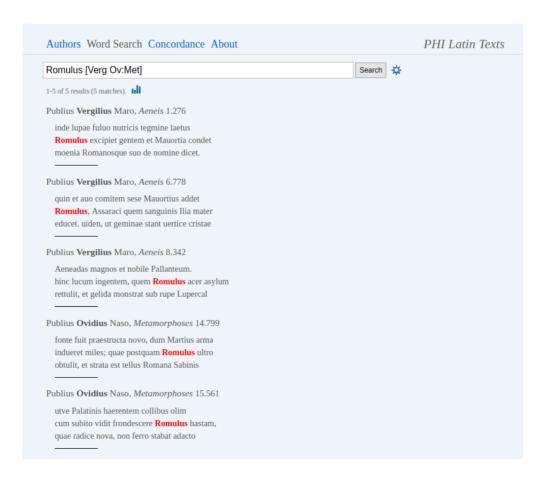


Fig. 4: Display of search results.

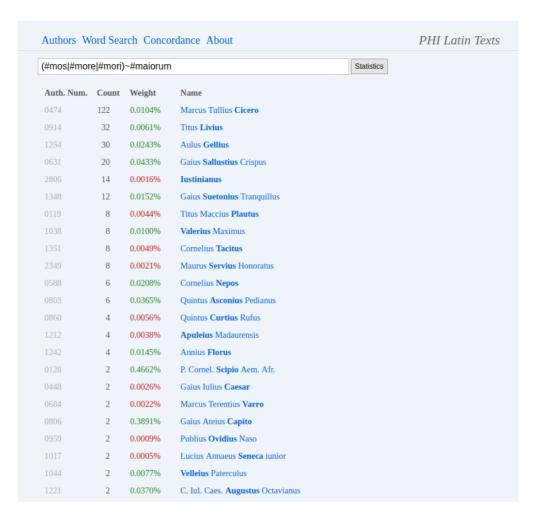


Fig. 5: Search results as 'Statistics'.

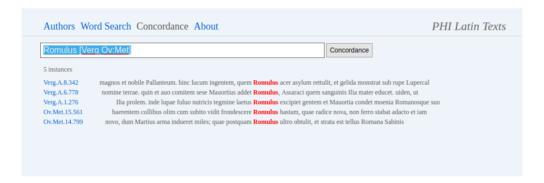


Fig. 6: Search results as 'Concordance'.

The other main mode of operation is Search. The search page, again, is quite minimalistic: all parameters must be specified as part of the search phrase through logical operators. A short list of them can be displayed by clicking the cogwheel icon; a longer description of search operations (with more examples) is found on a separate page. Queries are corpus-wide by default, but one can narrow them down to specific authors and/or texts by adding the above discussed abbreviations in square brackets (for example, "Romulus [Verg Ov:Met]" limits a query to Vergil's *oeuvre* and Ovid's

*Metamorphoses*); the selection of abbreviations is helped by type-in search. Results are displayed as a list of passages with the citation and the immediate context (3 lines) by default (also serving as links to the full passage in browsing mode, see <u>Fig. 4</u>); or, by clicking the 'Statistics' icon, as a re-sortable table listing absolute counts and weighted frequencies of occurrences by author (see <u>Fig. 5</u>). (Concordance mode 18 can be considered basically as a third way to display search results, and will not be discussed separately, see <u>Fig. 6</u>).

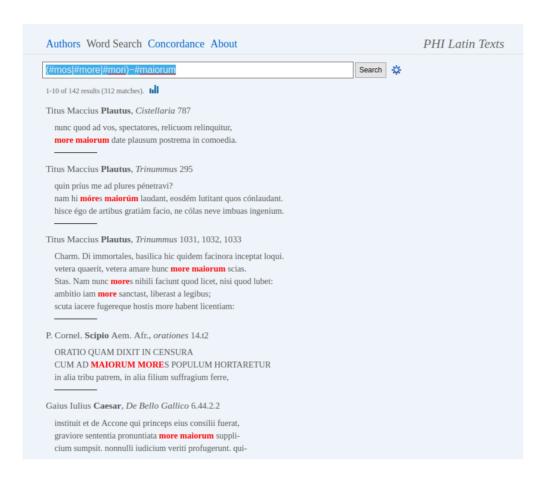


Fig. 7: Advanced search options.

By default, PHI looks for character strings rather than words; word boundaries must be signalled with the # operator. It is also not possible to search for all inflected forms of a word, unless the user types them in one by one, separated by | standing for the OR operator, or truncates words (which in most cases leads to a very high number of false positives, given the high inflection rate of Latin). The AND operator (&) looks for occurrences on the same page; and there is a proximity operator (~) as well to look for occurrences within about 100 characters (on the same page), in any relative order (the degree of proximity cannot be changed, see Fig. 7). In my experience, proximity search is perhaps the most useful feature of PHI, as it allows the user to efficiently look up noun

phrases, for example, whose constituent words – given the relatively free word order of Latin – might not be found next to each other in a sentence. The reliability of proximity search, however, is somewhat limited by the fact that PHI is only looking for the co-occurrence of two strings on the same page. Page boundaries always correspond to sentence boundaries, thus noun phrases will always be found; but if one is looking for the thematic co-occurrence (rather than the grammatical conjunction) of two words, contexts where one word occurs in the last line of a page, the other in the first line of the next will not be found.

These limitations notwithstanding, with some experimentation one can formulate very efficient search phrases; for example, "(#mos|#more|#mori)~#maiorum" returns all occurrences of the phrase *mos maiorum* ('ancestral customs', an important catchword in traditional Roman ideology), taking into regard inflected forms while minimizing the number of false positives. (Not surprisingly, by far the most occurrences for this phrase happen to be found in Cicero). Alternatively, if one has access to the CD-ROM version of PHI, Diogenes can be used to run even more complex queries, as it allows the use of regular expressions, can search for inflected forms (at least in single-word queries), and offers proximity search with a greater set of tunable parameters, not limited by the above discussed problem with page boundaries.

17 PHI, as I hope to have shown in the review above, is a double-faced project. On the one hand, it is the late incarnation of a database designed three decades ago. As such, it is not based on up-to-date standards for the digital encoding, access and presentation of textual data. It is also not well documented and shows no signs of being developed further. The institutional background of PHI makes one hope that the database will remain online on the long term; but there is no indication on the website whether or not the corpus is safely archived. (An email address is provided on the website to contact the Institute with questions and comments; however, I have received no reply to my inquiries by the time this review is published.) Modernization of the whole underlying database would require substantial human and financial resources, of course; but at least some fine-tuning of the user interface (perhaps with community help) seems feasible and would be very welcome. On the other hand, PHI has proven to be in practice a wonderful tool (especially in intertextual research), widely used by classical philologists for decades now; and the generosity of the Packard Humanities Institute in making it freely accessible through an online interface deserves our gratitude. It will

remain an important tool at least until the new generation of classical Latin *corpora*<sup>20</sup> become available.<sup>21</sup>

### **Notes**

- 1. For the (early) history of 'digital classics' see Brunner 1993, Crane 2004, and 'The History of the TLG' on the project's website (<a href="https://web.archive.org/web/20170228114133/http://stephanus.tlg.uci.edu/history.php">https://web.archive.org/web/20170228114133/http://stephanus.tlg.uci.edu/history.php</a>). Some of the more recent developments are discussed in Bernstein—Coffee 2016.
- <u>2.</u> A list of applications for Windows and Mac can be found on the TLG website (<a href="https://www.tlg.uci.edu:80/about/cd\_soft.php">https://www.tlg.uci.edu:80/about/cd\_soft.php</a>); missing from this list is Diogenes, a free and especially versatile application developed by Peter Heslin (Dept. of Classics and Ancient History at Durham University.
- 3. https://web.archive.org/web/20171005010120/http://stephanus.tlg.uci.edu/.
- 4. https://web.archive.org/web/20171011020849/http://latin.packhum.org/.
- <u>5.</u> For another recent review of the online PHI, see Matthew Loar's post (Apr. 17, 2017) on the Society for Classical Studies blog (<a href="https://web.archive.org/web/20171005124235">https://classicalstudies.org/scs-blog/matthew-loar/review-packard-humanities-institute-phi%E2%80%94classical-latin-texts</a>).
- 6. PDL: <a href="https://web.archive.org/web/20171023204545/http://www.perseus.tufts.edu/hopper/">https://web.archive.org/web/20171023204545/http://www.perseus.tufts.edu/hopper/</a> (reviewed for this issue of ride by Sarah Lang); LL: <a href="https://web.archive.org/web/20171011020819/http://www.thelatinlibrary.com/">https://web.archive.org/web/20171011020819/http://www.thelatinlibrary.com/</a>; LLT: <a href="https://web.archive.org/web/20170927031541/http://www.brepolis.net/">https://web.archive.org/web/20170927031541/http://www.brepolis.net/</a>; BTL: <a href="https://web.archive.org/web/20160317074929/http://www.degruyter.com:80/view/db/btl">https://web.archive.org/web/20160317074929/http://www.degruyter.com:80/view/db/btl</a>. In this review, I will not consider the excellent <a href="https://www.mgdq.it/public/">Musisque Deoque</a> database (<a href="https://web.archive.org/web/20171029101055/http://www.mgdq.it/public/">https://www.mgdq.it/public/</a>), as it is a genre-specific collection of Latin poetic texts.
- 7. https://web.archive.org/web/20170705080503/http://latin.packhum.org/about.
- <u>8.</u> Another option for non-Christian late-antique Latin texts is *Biblioteca digitale di testi latini tardoantichi* (digilibLT), a resource I am not (yet) familiar with: <a href="https://web.archive.org/web/20170331001634/http://digiliblt.lett.unipmn.it/index.php">https://web.archive.org/web/20170331001634/http://digiliblt.lett.unipmn.it/index.php</a>.

- 9. E. g. https://web.archive.org/web/20171029102206/http://latin.packhum.org/cit/Liv/AUC/23.45.4.2 for the above example.
- 10. https://web.archive.org/web/20170912044046/http://cwkb.org/.
- 11. For documentation on Beta code, see <a href="https://web.archive.org/web/20170228090504">https://web.archive.org/web/20170228090504</a> /http://stephanus.tlg.uci.edu/encoding.php.
- 12. However, if one has access to the PHI CD-ROM, the corpus can be imported into and analyzed by the *Classical Language Toolkit*: <a href="https://web.archive.org/web/">https://web.archive.org/web/</a>
  20170911143801/http://cltk.org/.
- 13. https://web.archive.org/web/20170705080758/http://latin.packhum.org/browse.
- 14. https://web.archive.org/web/20170308033140/http://latin.packhum.org:80/canon.
- 15. These abbreviations correspond to numerical codes which make up the link to the text itself: e.g. Vergil's *Aeneid* = [Verg:A] = 690/3, <a href="https://web.archive.org/web/">https://web.archive.org/web/</a> 20161125054248/http://latin.packhum.org:80/loc/690/3/0.
- 16. https://web.archive.org/web/20170705045034/http://latin.packhum.org/search.
- 17. <a href="https://web.archive.org/web/20170102185851/http://latin.packhum.org:80/help/search">https://web.archive.org/web/20170102185851/http://latin.packhum.org:80/help/search</a>.
- 18. https://web.archive.org/web/20170705072055/http://latin.packhum.org/concordance.
- 19. <a href="https://web.archive.org/web/20171019132903/http://community.dur.ac.uk/p.j.heslin/">https://web.archive.org/web/20171019132903/http://community.dur.ac.uk/p.j.heslin/</a> Software/Diogenes/.
- 20. See e. g. the *Open Greek and Latin Project* (<a href="https://web.archive.org/web/">https://www.dh.uni-leipzig.de/wo/projects/open-greek-and-latin-project/</a>), aiming at producing XML versions of at least one print edition of each work; the *Digital Latin Library* of the Society for Classical Studies (<a href="https://web.archive.org/web/">https://web.archive.org/web/</a> 20180122103901/https://digitallatin.org/) is planned to be a series of new digital critical editions.
- 21. This review was written with support by the ÚNKP-17-4 *New National Excellence Program* of the Ministry of Human Capacities (Hungary).

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https://web.archive.org/web/20160506084849/http://www.digitalhumanities.org/companion/view?docld=blackwell/

9781405103213/9781405103213.xml&chunk.id=ss1-2-4&toc.depth=1&toc.id=ss1-2-4&brand=default.

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https://web.archive.org/web/20170707073624/http://www.digitalhumanities.org/dhq/vol/10/2/index.html.

# **Factsheet**

Resource reviewed	
Title	Classical Latin Texts. A Resource Prepared by The Packard Humanities Institute (PHI)
Editors	Packard Humanities Institute
URI	http://latin.packhum.org/
Publication Date	2015
Date of last access	31.01.2018

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General Information		
Bibliographic description	Can the text collection be identified in terms similar to traditional bibliographic descriptions (title, responsible editors, institution, date(s) of publication, identifier/address)?  (cf. Catalogue 1.1)	no
Contributors	Are the contributors (editors, institutions, associates) of the project documented? (cf. Catalogue 1.3)	yes
Contacts	Is contact information given? (cf. Catalogue 1.4)	yes
Aims		
Documentation	Is there a description of the aims and contents of the text collection? (cf. Catalogue 2.1)	yes
Purpose	What is the purpose of the text collection? (cf. Catalogue 2.2)	Research

in its title or documentation)? (cf. Catalogue 2.3)  Field of research  To which field(s) of research does the text collection contribute? (cf. Catalogue 2.2)  Field of research  To which field(s) of research does the text collection contribute? (cf. Catalogue 2.2)  First collection contribute?  Fra  What era(s) do the texts belong to? (cf. Catalogue 2.5)  Language  What languages are the texts in? (cf. Catalogue 2.5)  What kind of texts are in the collection? (cf. Catalogue 2.5)  Additional information  What kind of information is published in addition to the texts? (cf. Catalogue 2.5)  Composition  Documentation  Are the principles and decisions regarding the design of the text collection, its composition and the selection of texts documented? (cf. Catalogue 3.1.1-3.1.3)  Selection  What selection criteria have been chosen for the text collection? (cf. Catalogue 3.1)  Size  Texts/records  How large is the text collection in number of texts/records? (cf. Catalogue 3.1.4)  Tokens  How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)			
in its title or documentation)? (cf. Catalogue 2.3)  To which field(s) of research does the text collection contribute? (cf. Catalogue 2.2)  Content  Era What era(s) do the texts belong to? (cf. Catalogue 2.5)  Language What languages are the texts in? (cf. Catalogue 2.5)  Types of text What kind of texts are in the collection? (cf. Catalogue 2.5)  What kind of information is published in addition to the texts? (cf. Catalogue 2.5)  Composition  Documentation Are the principles and decisions regarding the design of the text collection, its composition and the selection of texts documented? (cf. Catalogue 3.1.1-3.1.3)  Selection What selection criteria have been chosen for the text collection? (cf. Catalogue 3.1)  Size  Texts/records How large is the text collection in number of texts/records? (cf. Catalogue 3.1.4)  Tokens How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)  Structure Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Kind of research	allow to conduct primarily?	Qualitative research
collection contribute? (cf. Catalogue 2.2)  Linguistics, Art history, Archaeology, Philosophy, Religious studies  Content  Era What era(s) do the texts belong to? (cf. Catalogue 2.5)  Language What languages are the texts in? (cf. Catalogue 2.5)  Types of text What kind of texts are in the collection? (cf. Catalogue 2.5)  What kind of information is published in addition to the texts? (cf. Catalogue 2.5)  Composition  Documentation Are the principles and decisions regarding the design of the text collection, its composition and the selection of texts documented? (cf. Catalogue 3.1.1-3.1.3)  Selection What selection criteria have been chosen for the text collection? (cf. Catalogue 3.1.4)  Tokens How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)  Structure Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Self-classification	in its title or documentation)?	no classification given
Era What era(s) do the texts belong to? (cf. Catalogue 2.5)  Language What languages are the texts in? (cf. Catalogue 2.5)  Types of text What kind of texts are in the collection? (cf. Catalogue 2.5)  Additional information What kind of information is published in addition to the texts? (cf. Catalogue 2.5)  Composition  Documentation Are the principles and decisions regarding the design of the text collection, its composition and the selection of texts documented? (cf. Catalogue 3.1.1-3.1.3)  Selection What selection criteria have been chosen for the text collection? (cf. Catalogue 3.1)  Size  Texts/records How large is the text collection in number of texts/records? (cf. Catalogue 3.1.4)  Tokens How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)  Structure Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Field of research	collection contribute?	Linguistics, Art history, Archaeology, Philosophy, Religious
(cf. Catalogue 2.5)  Language What languages are the texts in? (cf. Catalogue 2.5)  Types of text What kind of texts are in the collection? (cf. Catalogue 2.5)  Additional information What kind of information is published in addition to the texts? (cf. Catalogue 2.5)  Composition  Documentation Are the principles and decisions regarding the design of the text collection, its composition and the selection of texts documented? (cf. Catalogue 3.1.1-3.1.3)  Selection What selection criteria have been chosen for the text collection? (cf. Catalogue 3.1)  Size  Texts/records How large is the text collection in number of texts/records? (cf. Catalogue 3.1.4)  Tokens How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)  Structure Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Content		
(cf. Catalogue 2.5)  Types of text  What kind of texts are in the collection? (cf. Catalogue 2.5)  Additional addition to the texts? (cf. Catalogue 2.5)  Composition  Documentation  Are the principles and decisions regarding the design of the text collection, its composition and the selection of texts documented? (cf. Catalogue 3.1.1-3.1.3)  Selection  What selection criteria have been chosen for the text collection? (cf. Catalogue 3.1)  Size  Texts/records  How large is the text collection in number of texts/records? (cf. Catalogue 3.1.4)  Tokens  How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)  Structure  Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Era	1	Classics
(cf. Catalogue 2.5)  Additional information	Language		Greek, Latin
addition to the texts? (cf. Catalogue 2.5)  Composition  Documentation  Are the principles and decisions regarding the design of the text collection, its composition and the selection of texts documented? (cf. Catalogue 3.1.1-3.1.3)  Selection  What selection criteria have been chosen for the text collection? (cf. Catalogue 3.1)  Size  Texts/records  How large is the text collection in number of texts/records? (cf. Catalogue 3.1.4)  Tokens  How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)  Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Types of text		Literary works
Are the principles and decisions regarding the design of the text collection, its composition and the selection of texts documented?  (cf. Catalogue 3.1.1-3.1.3)  Selection  What selection criteria have been chosen for the text collection? (cf. Catalogue 3.1)  Size  Texts/records  How large is the text collection in number of texts/records? (cf. Catalogue 3.1.4)  Tokens  How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)  Tokens  Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Additional information	addition to the texts?	none
design of the text collection, its composition and the selection of texts documented?  (cf. Catalogue 3.1.1-3.1.3)  Selection  What selection criteria have been chosen for the text collection? (cf. Catalogue 3.1)  Size  Texts/records  How large is the text collection in number of texts/records? (cf. Catalogue 3.1.4)  Tokens  How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)  Tokens  Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Composition		
the text collection? (cf. Catalogue 3.1)  Size  Texts/records	Documentation	design of the text collection, its composition and the selection of texts documented?	no
Texts/records  How large is the text collection in number of texts/records? (cf. Catalogue 3.1.4)  How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)  Structure  Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Selection	the text collection?	Language, Epoch
texts/records? (cf. Catalogue 3.1.4)  How large is the text collection in number of tokens? (cf. Catalogue 3.1.4)  Structure  Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Size		
tokens? (cf. Catalogue 3.1.4)  Structure  Does the text collection have identifiable subcollections or components? (cf. Catalogue 3.1.5)	Texts/records	texts/records?	> 100
collections or components? (cf. Catalogue 3.1.5)	Tokens	tokens?	unknown
Data acquisition and integration	Structure	collections or components?	no
	Data acquisition and	d integration	

Text recording	Does the text collection record or transcribe the textual data for the first time? (cf. Catalogue 3.1.6)	no
Text integration	What kind of material has been taken over from other sources? (cf. Catalogue 3.1.6)	Full texts
Quality assurance	Has the quality of the data (transcriptions, metadata, annotations, etc.) been checked? (cf. Catalogue 3.1.7)	yes
Typology	Considering aims and methods of the text collection, how would you classify it further? For definitions please consider the help-texts. (cf. Catalogue 3.1.8)	Diachronic corpus
Data Modelling		
Text treatment	How are the textual sources represented in the digital collection? (cf. Catalogue 3.2.1)	Edited text
Basic format	In which basic format are the texts encoded? (cf. Catalogue 3.2.4)	other: Beta Code (probably)
Annotations		
Annotation type	With what information are the texts further enriched? (cf. Catalogue 3.2.2)	Structural information
Annotation integration	How are the annotations linked to the texts themselves? (cf. Catalogue 3.2.2)	not applicable
Metadata		1
Metadata type	What kind of metadata are included in the text collection? (cf. Catalogue 3.2.3)	Structural
Metadata level	On which level are the metadata included? (cf. Catalogue 3.2.2)	Individual texts
Data schemas and standards		
Schemas	What kind of data/metadata/annotation schemas are used for the text collection? (cf. Catalogue 3.2.4)	Project specific schema
Standards	Which standards for text encoding, metadata and annotation are used in the text collection? (cf. Catalogue 3.2.4)	other: Beta Code
Provision		

Accessability of the basic data	Is the textual data accessible in a source format (e.g. XML, TXT)? (cf. Catalogue 4.1)	no
Download	Can the entire raw data of the project be downloaded (as a whole)? (cf. Catalogue 4.2)	no
Technical interfaces	Are there technical interfaces which allow the reuse of the data of the text collection in other contexts?  (cf. Catalogue 4.2)	none
Analytical data	Besides the textual data, does the project provide analytical data (e.g. statistics) to download or harvest?  (cf. Catalogue 4.3)	yes
Reuse	Can you use the data with other tools useful for this kind of content? (cf. Catalogue 4.4)	no
User Interface		
Interface provision	Does the text collection have a dedicated user interface designed for the collection at hand in which the texts of the collection are represented and/or in which the data is analyzable?  (cf. Catalogue 5.1)	yes
User Interface quest	tions	
Usability	From your point of view, is the interface of the text collection clearly arranged and easy to navigate so that the user can quickly identify the purpose, the content and the main access methods of the resource?  (cf. Catalogue 5.3)	yes
Acces modes		
Browsing	Does the project offer the possibility to browse the contents by simple browsing options or advanced structured access via indices (e.g. by author, year, genre)?  (cf. Catalogue 5.4)	yes
Fulltext search	Does the project offer a fulltext search? (cf. Catalogue 5.4)	yes
Advanced search	Does the project offer an advanced search? (cf. Catalogue 5.4)	yes
Analysis		

Tools	Does the text collection integrate tools for analyses of the data? (cf. Catalogue 5.5)	no
Customization	Can the user alter the interface in order to affect the outcomes of representation and analysis of the text collection (besides basic search functionalities), e.g. by applying his or her own queries or by choosing analysis parameters?  (cf. Catalogue 5.5)	no
Visualization	Does the text collection provide particular visualizations of the data? (cf. Catalogue 5.6)	no visualization
Personalization	Is there a personalisation mode that enables the users e.g. to create their own subcollections of the existing text collection? (cf. Catalogue 5.7)	no
Preservation		
Documentation	Does the text collection provide sufficient documentation about the project in general as well as about the aims, contents and methods of the text collection?  (cf. Catalogue 6.1)	no
Open Access	Is the text collection Open Access? (cf. Catalogue 6.2)	yes
Rights		
Declared	Are the rights to (re)use the content declared? (cf. Catalogue 6.2)	yes
License	Under what license are the contents released? (cf. Catalogue 6.2)	other: "Fair use"
Persistent identification and addressing	Are there persistent identifiers and an addressing system for the text collection and/ or parts/objects of it and which mechanism is used to that end?  (cf. Catalogue 6.3)	Persistent URLs
Citation	Does the text collection supply citation guidelines? (cf. Catalogue 6.3)	no
Archiving of the data	Does the documentation include information about the long term sustainability of the basic data (archiving of the data)? (cf. Catalogue 6.4)	no

Institutional curation	Does the project provide information about institutional support for the curation and sustainability of the project?  (cf. Catalogue 6.4)	no
Completion	Is the text collection completed? (cf. Catalogue 6.4)	yes
Personnel		
Editors	Packard Humanities Institute	