Gli studi classici e i Linked Ancient World Data

Monica Berti
(Universität Leipzig)

Outline

1. Open Data of Ancient Greek and Latin Sources

2. Catalogs and Citation Systems

3. Data Entry and Analysis for Classical Philology

4. Critical Editions and Annotations

5. Linguistic Resources

1
Open Data of Ancient Greek and Latin Sources

UNIVERSITÄT LEIPZIG

Open Access?

DCLP

THESAURUS LINGUAE GRAECAE ®
A Digital Library of Greek Literature
Project Director: Maria Pantelia

Papyri.info

BREPOLiS
Brepols Online Databases

DE GRUYTER
BIBLIOTHECA
TEUBNERIANA
LATINA (BTL)
& THESAURUS
LINGUAE
LATINAE (TLL)
ONLINE

Perseus Digital Library
Scaife Viewer
Browse Library   Text Search
or try the Iliad or Plato's Apology.

PACKARD HUMANITIES INSTITUTE
Digital Text Archives

LOEB CLASSICAL LIBRARY
Founded by JAMES LOEB 1911   Edited by JEFFREY HENDERSON
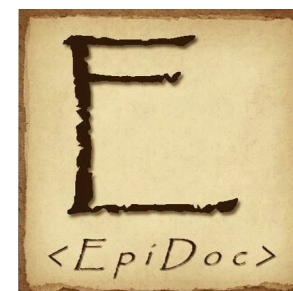
Musisque
Deoque

Open Philology
UNIVERSITÄT LEIPZIG

Open Greek and Latin Project

Oxford
Scholarly
Editions
Online

THE DIGITAL LATIN LIBRARY

www.oxfordscholarlyeditions.com

BrillOnline Discovery
Over three centuries of scholarly publishing

E
<EpiDoc>

digilibLT

and other projects …

Open Access?
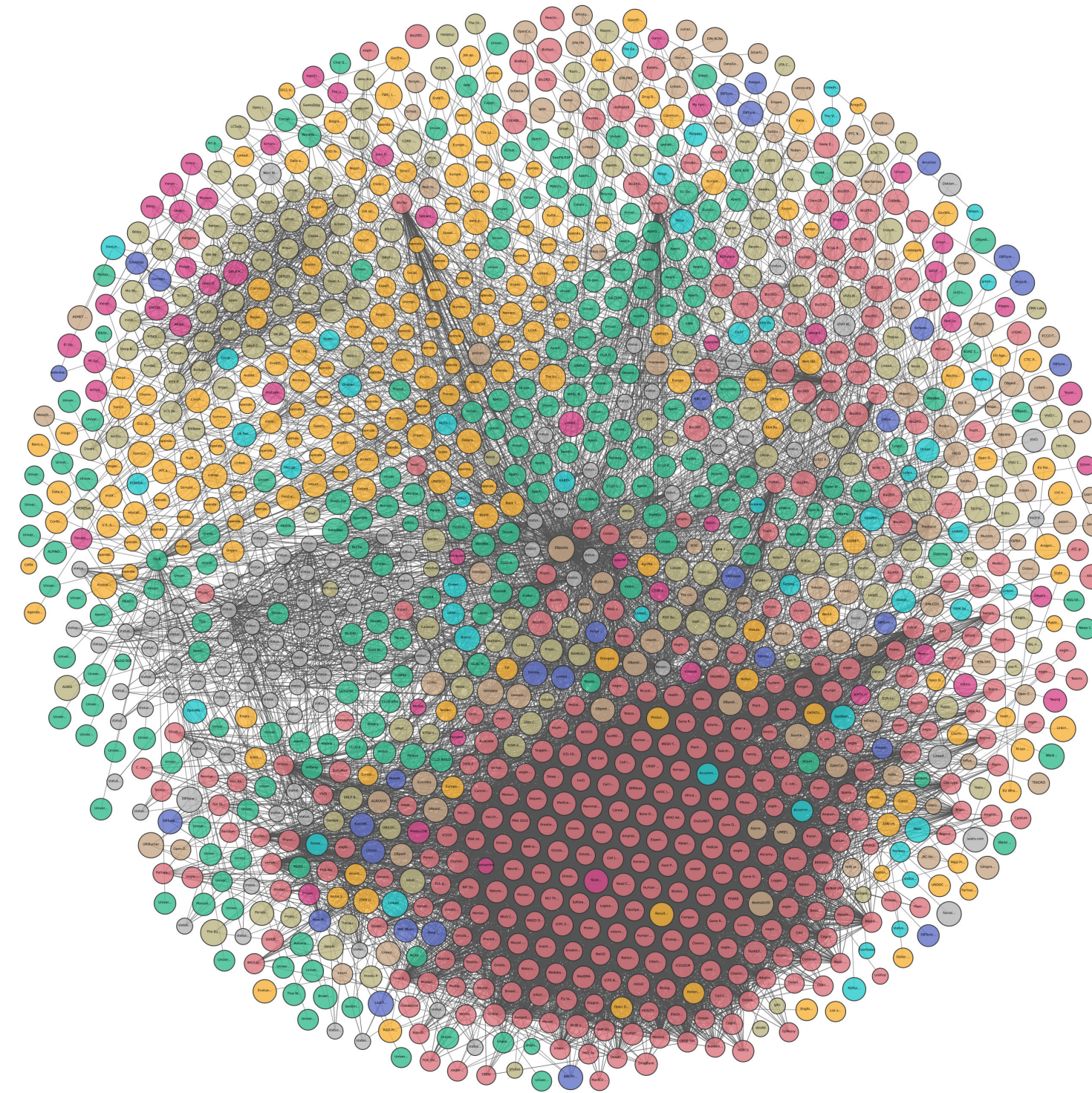
- **a wide variety of digital** **collections** **and** **corpora**
- **different** **models** **of** **accessibility**
- **different** **business models**

Open Data?

Linked Open Data

The Linked Open Data Cloud

https://www.w3.org/wiki/LinkedData
https://www.w3.org/standards/semanticweb/data

Open Data?
Linked Ancient World Data

⭐ Available on the web (whatever format) but with an open licence, to be Open Data

⭐⭐ Available as machine-readable structured data (e.g. excel instead of image scan of a table)

⭐⭐⭐ As above plus non-proprietary format (e.g. CSV instead of excel)

⭐⭐⭐⭐ All the above plus: Use open standards from W3C (RDF and SPARQL) to identify things, so that people can point at your stuff

⭐⭐⭐⭐⭐ All the above, plus: Link your data to other people's data to provide context

PLEIADES

Papyri.info

TRISMEGISTOS

OPEN CONTEXT

nomisma.org

DE GRUYTER
SAUR

Monica Berti (Ed.)
DIGITAL CLASSICAL PHILOLOGY
ANCIENT GREEK AND LATIN
IN THE DIGITAL REVOLUTION

AGE OF ACCESS? GRUNDFRAGEN
DER INFORMATIONSGESELLSCHAFT

Hugh A. Cayless
Digital Classical Philology
Sustaining Linked Ancient World Data

http://dlib.nyu.edu/awdl/isaw/isaw-papers/7/

http://dlib.nyu.edu/awdl/isaw/isaw-papers/20/

🏛 Alexandria

a Pleiades place resource

Creators: A. Bernand
Contributors: Brady Kiesling, Sean Gillies, Jen Thum, Jeffrey Becker, Iris Fernandez, H. Kopp, Herbert Verreth, B. Siewert-Mayer, Mark Depauw, R. Talbert, Adam Prins, W. Röllig, Tom Elliott, DARMC, Roko Rumora, Francis Deblauwe, Eric Kansa
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Last modified Aug 08, 2018 01:41 PM — History

tags: dare:ancient=1, dare:major=1, dare:feature=major settlement

The ancient port city in Egypt's Nile Delta, founded by Alexander the Great in 332/331 BCE.

Canonical URI for this page:
https://pleiades.stoa.org/places/727070

Representative Point (Latitude, Longitude):
31.201435, 29.909773

📐 Locations:
- DARMC location 1090 (330 BC - AD 640)

🏷 Names:
- *Alexandrea ad Aegyptum* (Georgian, 540 BC - AD 640)
- *Alexandreia* (Ancient Greek, 540 BC - AD 650)
- *Alexandreia ad Aegyptum* (30 BC - AD 226)
- *Alexandria* (330 BC - AD 640)
- *Alexandria* (German, 1548 BC - AD 2000)
- *Rakote* (Coptic, AD 300 - AD 640)
- *Rhakōtis* (Ancient Greek, 330 BC - AD 640)
- *al-Iskandariyya* (AD 1370 - AD 1501)
- *al-Iskandarīya* (Modern Standard Arabic, 2010 BC - AD 2000)
- *al-Iskandarīya* (AD 819 - AD 2000)

🔀 Alexandria makes connections with:
None

🔀 Alexandria receives connections from:
- Pharos ➡ connection ➡ Alexandria (unspecified date range)
- Serapeum of Alexandria ➡ at ➡ Alexandria (unspecified date range)
- Chatby Necropolis ➡ at ➡ Alexandria (unspecified date range)
- Catacombs of Kom el Shoqafa ➡ at ➡ Alexandria (unspecified date range)
- Kom el-Dikka ➡ at ➡ Alexandria (unspecified date range)

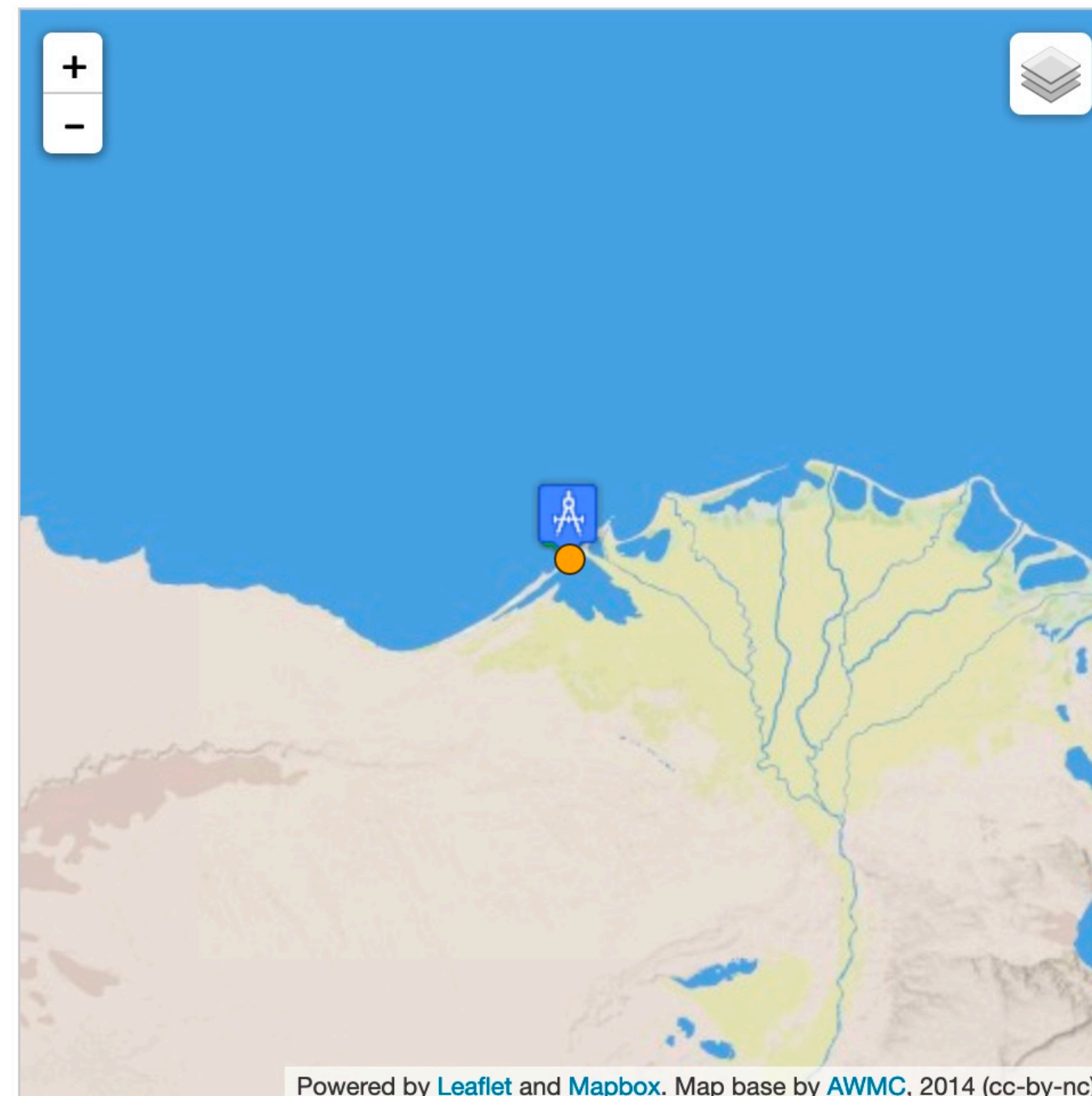**Place type:**
settlement, port

References:

Evidence:
- TP (Talbert: CUP) 8C3 (Talbert 367)

Powered by Leaflet and Mapbox. Map base by AWMC, 2014 (cc-by-nc).
Show place in AWMC's Antiquity À-la-carte, Google Earth, or Pelagios' Peripleo.
Show area in GeoNames, Google Maps, or OpenStreetMap.

PLEIADES

```
{{cite web |url=https://pleiades.stoa.org/places/727070
(Alexandria) |author=Bernand, A. |accessdate=November 6, 2019 7:36 am |
publisher=Pleiades}}
```

UNIVERSITÄT LEIPZIG

p.fay.110 = HGV P.Fay. 110 = Trismegistos 10775 = columbia.apis.p387

metadata ☑
HGV data ☑ TM data ☑ APIS catalog record ☑

text ☑
transcription ☑ images ☑ translation ☑

open in editor

Canonical URI: http://papyri.info/ddbdp/p.fay;;110

HGV: P.Fay. 110 [source] [xml]

Title	Letter from Gemellus to Epagathus
Publications	P.Fay. 110 [More in series P.Fay.]
Support/Dimensions	Papyrus
Post-Concordance BL Entries	VIII 122; XII 68
Translations	Olsson, Papyrusbriefe (1925) 52; Arzt-Grabner, Christlicher Alltag (2008), S. 122.; White, Ancient Lett... (1986), 95
Origin	Euhemeria (Arsinoites) [More from Euhemeria (Arsinoites)]
Material	Papyrus
Date	11. Sept. 94 [More from the period between 94 CE and 95 CE]
Commentary	Gehört zum Gemellus - Archiv. Neudruck: Arzt-Grabner, Christlicher Alltag, S. 121f.
Print Illustrations	Plate V (nicht VI); Montevecchi, Papirologia, Tav. 44; Roberts, Greek Literary Hands, 11 b, vor S. 11 (Z. 22)
Subjects	Brief (privat); Lucius Bellenos Gemellos an Epagathos; Aufträge; Wirtschaft (Land)
Images	http://wwwapp.cc.columbia.edu/ldpd/app/apis/item?mode=item&k...
License	(cc) BY © Heidelberger Gesamtverzeichnis der griechischen Papyrusurkunden Ägyptens. This wor... is licensed under a Creative Commons Attribution 3.0 License.

Trismegistos: 10775 [source]

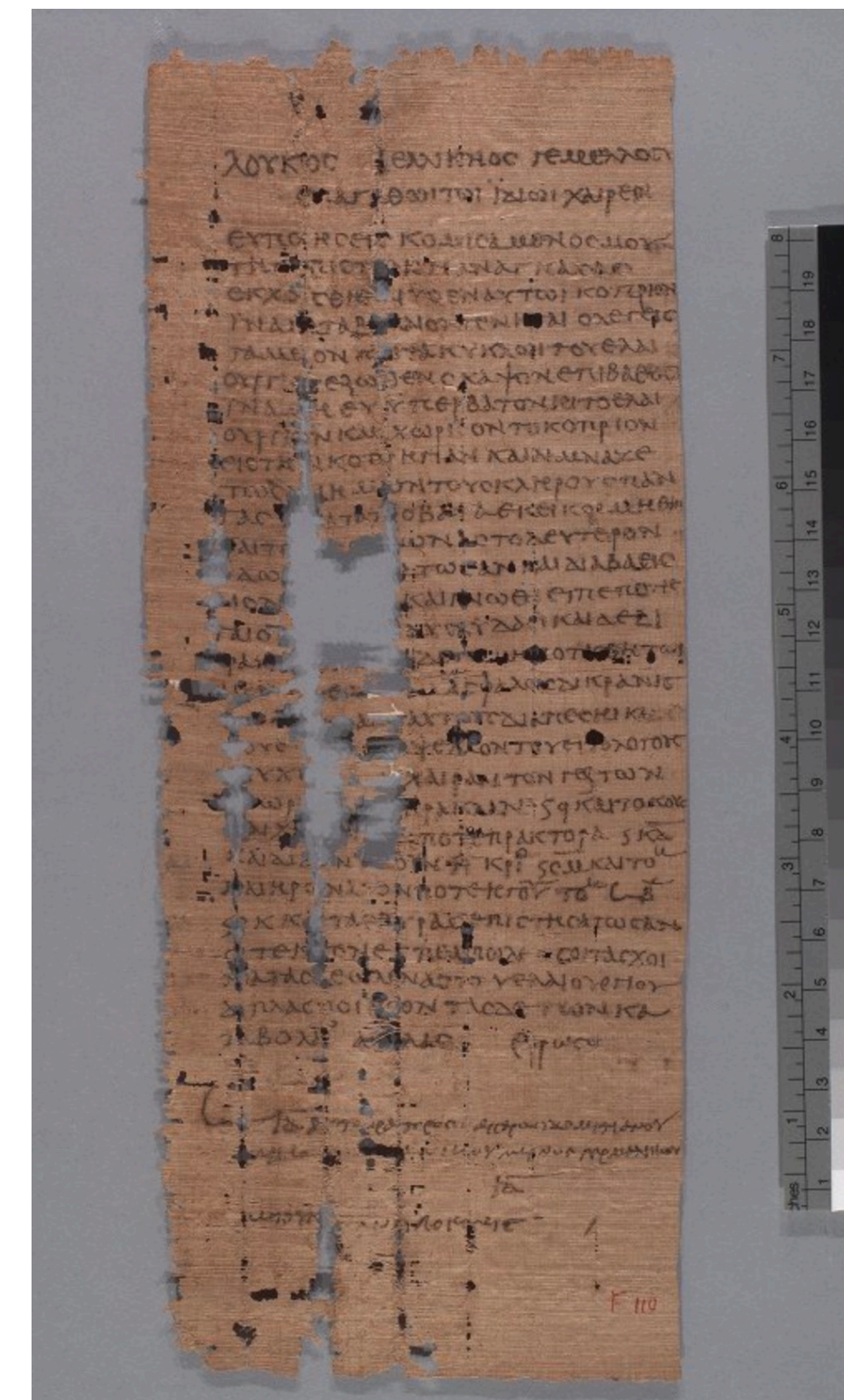|	
Publications	P. Fay. 110 (Grenfell, Bernard P. / Hunt, Arthur S. / Hogarth, David G.; 1900) = Olsson, Papyrusbriefe (Olsson, Bror / / ; 1925)
Inv. no.	New York, Columbia University P. Fay. 110
Date	AD 94 Sep 11 (Domitianus, year 14, Germanicus (= Pachons) 14)
Language	Greek
Provenance	Egypt, 00b - Euhemeria (Qasr el-Banat)[found & written]
Archive	Epagathos estate manager of Lucius Bellienus Gemellus
People	mentioned people
Places	mentioned places

Catalog Record: columbia.apis.p387 [xml]

Title	Letter [94 AD]
Summary	Letter from Lucius Bellenus Gemellus to Epagathus, perhaps his nephew. Gemellus sends instructions ... Epagathus to perform certain tasks related to the running of his estate
Citations	P.Fay. 110
Inv. Id	Fay. 110
Support/Dimensions	1 papyrus fragment; 10.5 x 26.9 cm
Language	In Greek
Date	94 CE [More from the period between 94 CE and 95 CE]
Note (general)	Written along the fibers; on the verso, an address
Note (general)	35 lines; complete but for a large hole at the center left. Some holes along a vertical fold line
Note (general)	The address is written in large, formal letters. The text is in a semi-formal round hand of the literary ty... The last 4 lines are written in a small cursive hand
Note (general)	Some abbreviations towards the end of the text
Subjects	Lucius Bellenus Gemellus -- landowner in the Fayum; Papyri; Papyri
License	(cc) BY-NC This work is licensed under a Creative Commons Attribution-NonCommercial 3.0 License.

DDbDP transcription: p.fay.110 [xml]

AD94 Euhemeria

Papyri.info

http://papyri.info/ddbdp/p.fay;;110

- https://www.trismegistos.org/text/10775
- http://papyri.info/hgv/10775/source
- http://papyri.info/apis/columbia.apis.p387/source
- http://papyri.info/apis/columbia.apis.p387/images

TM 10775   Record to be adopted by: you?

📢 **Stable URI (with TM ID):**
www.trismegistos.org/text/10775

Metadata

Date: AD 94 Sep 11

Provenance: Euhemeria (Qasr el-Banat) - Egypt (00 - Aegyptus) [found & written]

Language/script: Greek

Material: papyrus
Incompletely preserved

Content (beta!): Letter: private

Recto/Verso: Ro/Vo, back: address

More info: DDbDP (PN), HGV, PapPal, PN-APIS (Columbia)

Publications

📌 P. Fay. 110 (Grenfell, Bernard P. / Hunt, Arthur S. / Hogarth, David G. - 1900) 📄 *[default]*

· Olsson, Papyrusbriefe 52 (Olsson, Bror - 1925)

Photo: P.Fay. Plate VI

Other bibliography: BL 1, p. 131

Collections
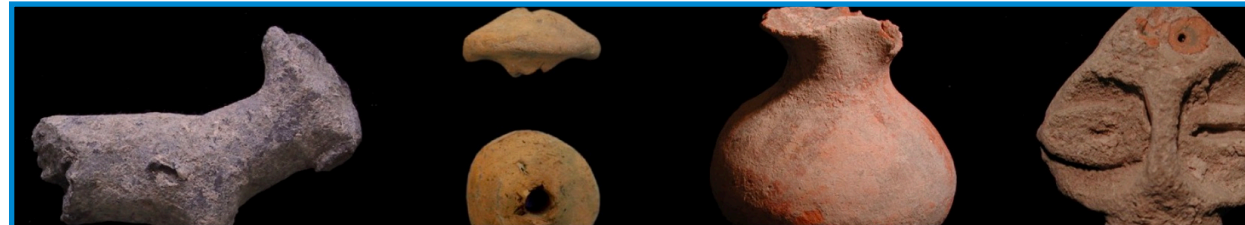
→ New York, Columbia University P. Fay. 110

Archive

Epagathos estate manager

KEEP TM ALIVE

TRISMEGISTOS

OPEN CONTEXT

Projects

https://opencontext.org/projects/3DE4CD9C-259E-4C14-9B03-8B10454BA66E

Data record

https://opencontext.org/subjects/0801DF9C-F9B2-4C76-0F34-93BE7123F373#tab_obs-1
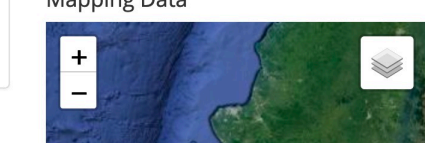
Media

https://opencontext.org/media/48c1bdeb-ffb9-4fd3-84d2-20ba189a1f4a

ephesus (nmo:Mint)

skos:prefLabel	Efese *(af)*, ኤፌሶን *(am)*, أفسس *(ar)*, Efes *(az)*, Город Эфес *(be)*, Ефес *(bg)*, Efesos *(br)*, Efes *(bs)*, Efes *(ca)*, Efez *(cs)*, Effesus *(cy)*, Efesos *(da)*, Ephesos *(de)*, Έφεσος *(el)*, Ephesus *(en)*, Efeso *(eo)*, Éfeso *(es)*, Efeso *(eu)*, افسس *(fa)*, Efesos *(fi)*, Efesus *(fo)*, Ephèse *(fr)*, Éfeso *(gl)*, אפזוס *(he)*, Efez *(hr)*, Epheszosz *(hu)*, Եփեսոս *(hy)*, Ephesos *(id)*, Efesos *(is)*, Efeso *(it)*, エフェソス *(ja)*, Efesus *(jv)*, ეფესო *(ka)*, 에페소스 *(ko)*, Ephesus *(la)*, Efesas *(lt)*, Efesa *(lv)*, Ефес *(mk)*, इफिसुस *(mr)*, Efesus *(ms)*, Efesos *(nb)*, Efese *(nl)*, Efesos *(nn)*, Efez *(pl)*, Éfeso *(pt)*, Efesos *(ro)*, Эфес *(ru)*, Efes *(sh)*, Efez *(sk)*, Efez *(sl)*, Ефес *(sr)*, Efesos *(sv)*, Efeso *(sw)*, எபேசஸ் *(ta)*, เอฟีซัส *(th)*, Efeso *(tl)*, Efes *(tr)*, Ефес *(uk)*, افسس *(ur)*, Efes *(uz)*, Ephesus *(vi)*, 以弗所 *(zh)*
skos:definition	The mint at the ancient site of Ephesus in Ionia. *(en)*
dcterms:isPartOf	http://nomisma.org/id/greek_numismatics
dcterms:isPartOf	http://nomisma.org/id/roman_provincial_numismatics
geo:location	http://nomisma.org/id/ephesus#this
rdf:type	skos:Concept
skos:altLabel	Ephesos *(en)*
skos:broader	http://nomisma.org/id/ionia
skos:changeNote	http://nomisma.org/id/ephesus#provenance
skos:closeMatch	http://collection.britishmuseum.org/id/place/x107267
skos:closeMatch	http://d-nb.info/gnd/4015012-4
skos:closeMatch	http://dbpedia.org/resource/Ephesus
skos:closeMatch	http://gazetteer.dainst.org/app/#!/show/2287728
skos:closeMatch	http://sws.geonames.org/7522155/
skos:closeMatch	http://viaf.org/viaf/156158309
skos:closeMatch	http://viaf.org/viaf/163278095
skos:closeMatch	http://vocab.getty.edu/tgn/7002499
skos:closeMatch	http://www.wikidata.org/entity/Q47611
skos:closeMatch	https://pleiades.stoa.org/places/599612
skos:closeMatch	https://www.freebase.com/m/02p8r
skos:inScheme	http://nomisma.org/id/

#this (geo:SpatialThing)

dcterms:isPartOf	http://nomisma.org/id/ionia#this
geo:lat	37.939722
geo:long	27.340833

Data Provenance ▸

Export

Linked Data   GitHub File   RDF/XML   RDF/TTL   JSON-LD

Geographic Data   KML   geoJSON (mints)   geoJSON (hoards)   geoJSON (finds)

Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox

Mints   Hoards   Finds   View fullscreen

nomisma.org

http://nomisma.org/id/ephesus

Associated Types (max 10) ▾

[+ View SPARQL for full query]   [⬇ Download CSV]

Type	Type Series	Example
Price 1877	Price (1991)	
Mint Ephesus		
Denomination Drachma		
Date 300 B.C. - 300 B.C.		

Digital Libraries

generations of **digital corpora** in Classics

- make texts available online
- professional data entry and consistent markup scheme
- semantic mark up in SGML/XML (TEI)
- image-front collections with page images
- decentralized contributions from users (million book libraries)
- multiple editions of primary sources
- annotations
- …

"Rome Wasn't Digitized in a Day":
Building a Cyberinfrastructure
for Digital Classics

by Alison Babeu

August 2011

COUNCIL ON LIBRARY AND
INFORMATION RESOURCES

https://www.clir.org/pubs/reports/pub150/

2
Catalogs and Citation Systems

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philology

↓
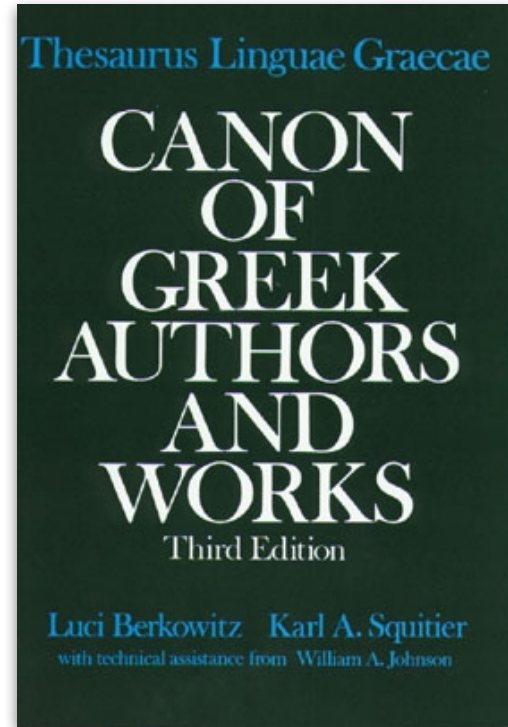
- **canons**
- **catalogs**
- **citation systems**
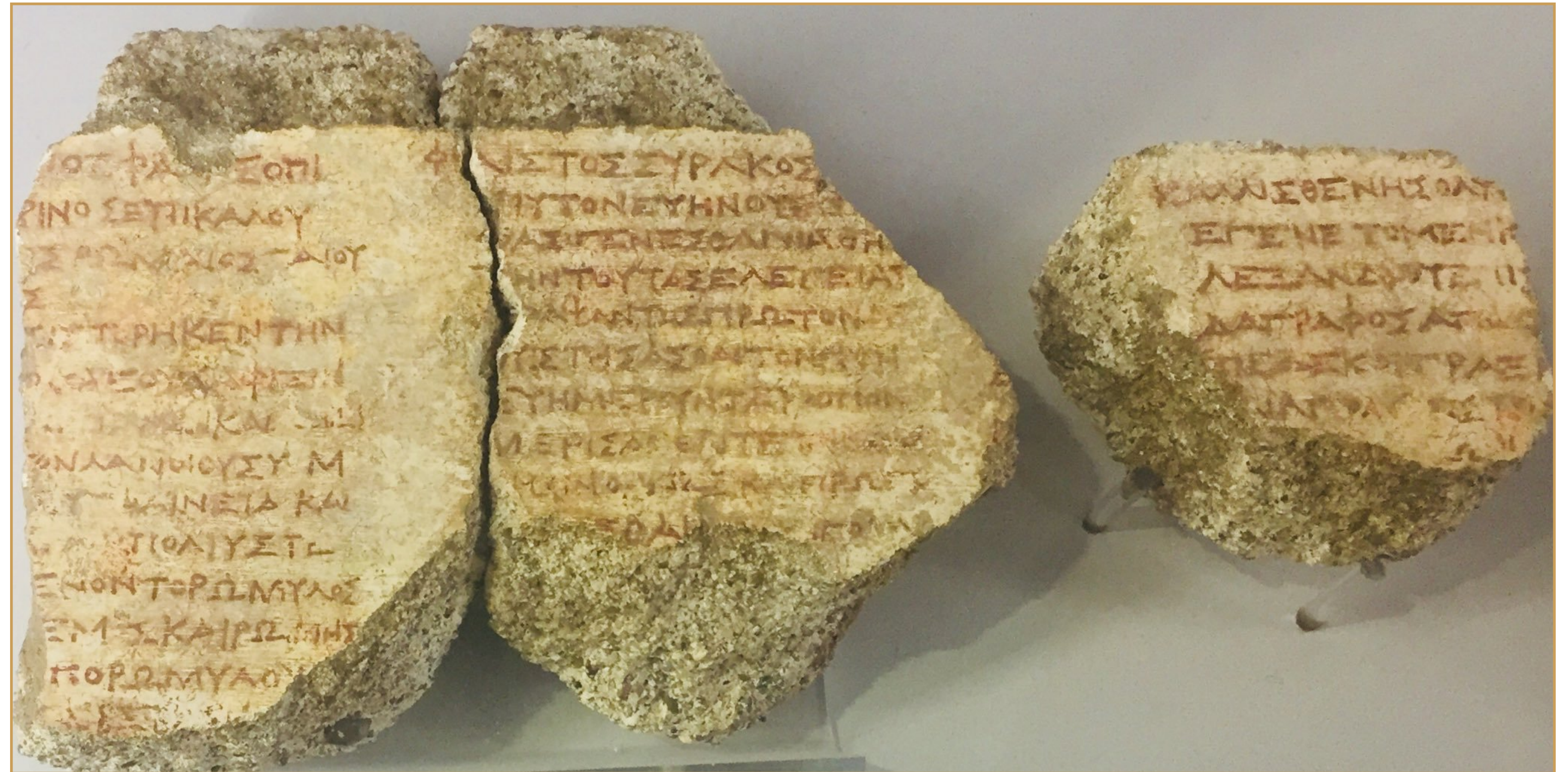
Tauromenium, Lapidarium
Fragments of a painted library catalog
(3rd-2nd century BC)
http://sicily.classics.ox.ac.uk/inscription/ISic0613

TLG Canon of Greek Authors and Works

{tlg0032}

— MY SEARCH SELECTIONS (1)

Go to Text Search | Clear all

XENOPHON Hist. {0032} ✕
- Hellenica {001} ✕
- Memorabilia {002} ✕
- Oeconomicus {003} ✕
- Symposium {004} ✕
- Apologia Socratis {005} ✕
- Anabasis {006} ✕
- Cyropaedia {007} ✕
- Hiero {008} ✕
- Agesilaus {009} ✕
- De republica Lacedaemoniorum {010} ✕
- De vectigalibus {011} ✕
- Hipparchicus {012} ✕
- De re equestri {013} ✕
- Cynegeticus {014} ✕
- Atheniensium respublica {015} ✕

Go to Text Search | Clear all

XENOPHON Hist.
5-4 B.C.
Hist.
Atheniensis

Deselect all   **Submit**

* 1. Hellenica {0032.001} ☑ (Click to select) 📕
Hist.
E.C. Marchant, *Xenophontis opera omnia*, vol. 1, Oxford: Clarendon Press, 1900 (repr. 1968)
Word Count: 66,525
— Breakdown
  *1.1.1-7.5.27
— Cross References
  • Cf. et XENOPHONTIS EPISTULAE {1754}
  • Scholia: Cf. SCHOLIA IN XENOPHONTEM {5040}

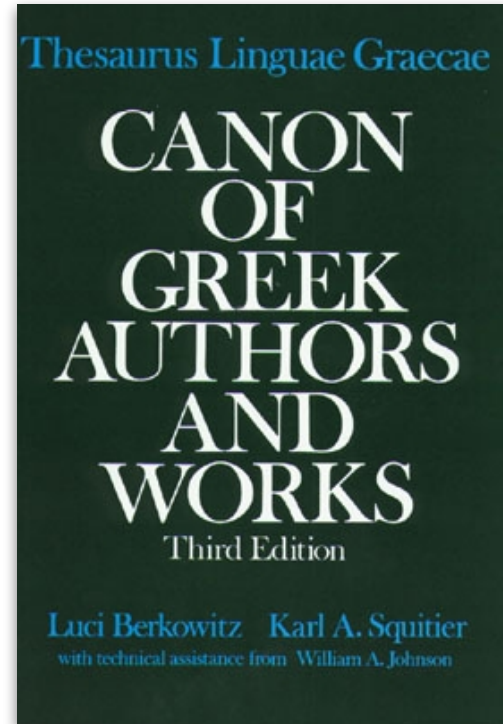*** 2. Memorabilia {0032.002}** ☑ (Click to select) 📕
Biogr., Dialog., Phil.
E.C. Marchant, *Xenophontis opera omnia*, vol. 2, 2nd edn., Oxford: Clarendon Press, 1921 (repr. 1971)
Word Count: 35,831
— Breakdown
  *1.1.1-4.8.11
— Cross References
  • Cf. et XENOPHONTIS EPISTULAE {1754}
  • Scholia: Cf. SCHOLIA IN XENOPHONTEM {5040}

http://stephanus.tlg.uci.edu/canon.php

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TLG Canon of Greek Authors and Works

morpheus

Thesaurus Linguae Graecae
CANON OF GREEK AUTHORS AND WORKS
Third Edition
Luci Berkowitz · Karl A. Squitier
with technical assistance from William A. Johnson

Book [1▾] chapter [1▾] section [1▾] line [t] **GO**

Prev | **Next**

XENOPHON, *Hellenica.* **{0032.001}** 📕

1.1.
(1) **ΕΛΛΗΝΙΚΩΝ Α**

Μετὰ δὲ ταῦτα οὐ πολλαῖς ἡμέραις ὕστερον ἦλθεν ἐξ *(1)*
Ἀθηνῶν Θυμοχάρης ἔχων ναῦς ὀλίγας· καὶ εὐθὺς ἐναυμά-
χησαν αὖθις Λακεδαιμόνιοι καὶ Ἀθηναῖοι, ἐνίκησαν δὲ
(2) Λακεδαιμόνιοι ἡγουμένου **Ἀγησανδρίδου**. μετ᾽ ὀλίγον δὲ
τούτων Δωριεὺς ὁ Διαγόρου ἐκ Ῥόδου εἰς Ἑλλήσποντον
εἰσέπλει ἀρχομένου χειμῶνος τέτταρσι καὶ δέκα ναυσὶν ἅμα
ἡμέρᾳ. κατιδὼν δὲ ὁ τῶν Ἀθηναίων ἡμεροσκόπος ἐσήμηνε
τοῖς στρατηγοῖς. οἱ δὲ ἀνηγάγοντο ἐπ᾽ αὐτὸν εἴκοσι ναυσίν, *(5)*
ἃς ὁ Δωριεὺς φυγὼν πρὸς τὴν γῆν ἀνεβίβαζε τὰς αὑτοῦ
(3) τριήρεις, ὡς ἤνοιγε, περὶ τὸ Ῥοίτειον. ἐγγὺς δὲ γενομένων
τῶν Ἀθηναίων ἐμάχοντο ἀπό τε τῶν νεῶν καὶ τῆς γῆς μέχρι
οἱ Ἀθηναῖοι ἀπέπλευσαν εἰς Μάδυτον πρὸς τὸ ἄλλο στρατό-
(4) πεδον οὐδὲν πράξαντες. Μίνδαρος δὲ κατιδὼν τὴν μάχην
ἐν Ἰλίῳ θύων τῇ Ἀθηνᾷ, ἐβοήθει ἐπὶ τὴν θάλατταν, καὶ
καθελκύσας τὰς ἑαυτοῦ τριήρεις ἀπέπλει, ὅπως ἀναλάβοι τὰς
(5) μετὰ Δωριέως. οἱ δὲ Ἀθηναῖοι ἀνταναγαγόμενοι ἐναυμά-
χησαν περὶ Ἄβυδον κατὰ τὴν ᾐόνα, μέχρι δείλης ἐξ ἑωθινοῦ.
καὶ τὰ μὲν νικώντων, τὰ δὲ νικωμένων, Ἀλκιβιάδης ἐπεισπλεῖ @1
(6) δυοῖν δεούσαις εἴκοσι ναυσίν. ἐντεῦθεν δὲ φυγὴ τῶν Πελο-

– Cite this Work

E.C. Marchant, *Xenophontis opera omnia*, vol. 1, Oxford: Clarendon Press,
1900 (repr. 1968)
Retrieved from: http://stephanus.tlg.uci.edu/Iris/Cite?0032:001:0

✳ **+ Translation**

✳ **– Morphological Analysis and Lexica**

Word Form: Ἀγησανδρίδου 🔍

– **Lemma: Ἀγησανδρίδας, –α, ὁ** 🔍 📖
  Agesandridas

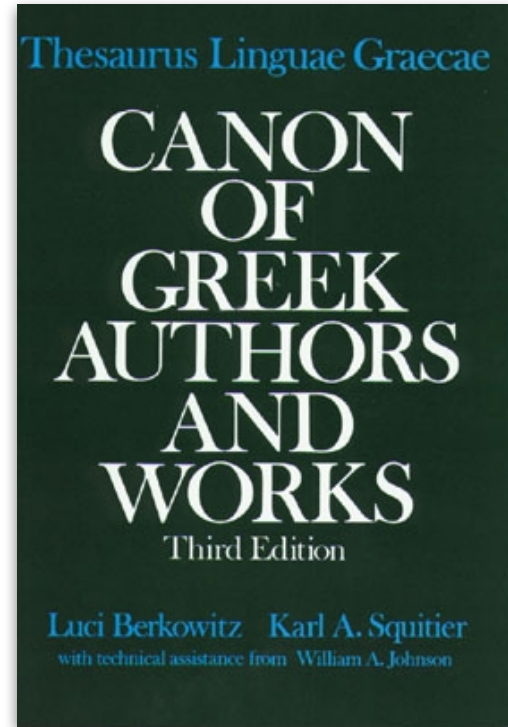 **Possible analyses:**
  Noun masc gen sg [doric]

  Show entry in:
  ⊞ **DGE**
  ⊞ **Smith (Biogr.)** s.v. AGESANDRIDAS

`{tlg0032.001.1.1.1}`

https://dl.acm.org/doi/10.3115/992567.992595

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TLG Canon of Greek Authors and Works

Thesaurus Linguae Graecae
CANON OF GREEK AUTHORS AND WORKS
Third Edition

Luci Berkowitz   Karl A. Squitier
with technical assistance from William A. Johnson

1. ☐ **AESCHYLUS Trag. {0085}**

6-5 B.C.
Trag.
Atheniensis
− Cross Reference
  • Scholia et vitae: Cf. SCHOLIA IN AESCHYLUM {5010}

5. **Persae {0085.012}** ☐ (Click to select)
Trag.
D.L. Page, *Aeschyli Septem Quae Supersunt Tragoedias*, Oxford: Clarendon Press, 1972: 3-41.
Word Count: 5,470
− Other Edition
  Persae {0085.002}

G. Murray, *Aeschyli tragoediae*, 2nd edn., Oxford: Clarendon Press, 1955 (repr. 1960): 53-95.
+ Cross Reference

6. **Septem contra Thebas {0085.013}** ☐ (Click to select)
Trag.
D.L. Page, *Aeschyli Septem Quae Supersunt Tragoedias*, Oxford: Clarendon Press, 1972: 45-87.
Word Count: 5,346
− Other Edition
  Septem contra Thebas {0085.004}

G. Murray, *Aeschyli tragoediae*, 2nd edn., Oxford: Clarendon Press, 1955 (repr. 1960): 155-200.
− Cross Reference
  • Scholia et vitae: Cf. SCHOLIA IN AESCHYLUM {5010}

7. **Supplices {0085.014}** ☐ (Click to select)
Trag.
D.L. Page, *Aeschyli Septem Quae Supersunt Tragoedias*, Oxford: Clarendon Press, 1972: 91-133.
Word Count: 5,242
− Other Edition
  Supplices {0085.001}

G. Murray, *Aeschyli tragoediae*, 2nd edn., Oxford: Clarendon Press, 1955 (repr. 1960): 3-48.
− Cross Reference
  • Scholia et vitae: Cf. SCHOLIA IN AESCHYLUM {5010}

8. **Agamemnon {0085.015}** ☐ (Click to select)
Trag.
D.L. Page, *Aeschyli Septem Quae Supersunt Tragoedias*, Oxford: Clarendon Press, 1972: 139-198.
Word Count: 8,480
− Other Edition
  Agamemnon {0085.005}

G. Murray, *Aeschyli tragoediae*, 2nd edn., Oxford: Clarendon Press, 1955 (repr. 1960): 207-274.
− Cross Reference
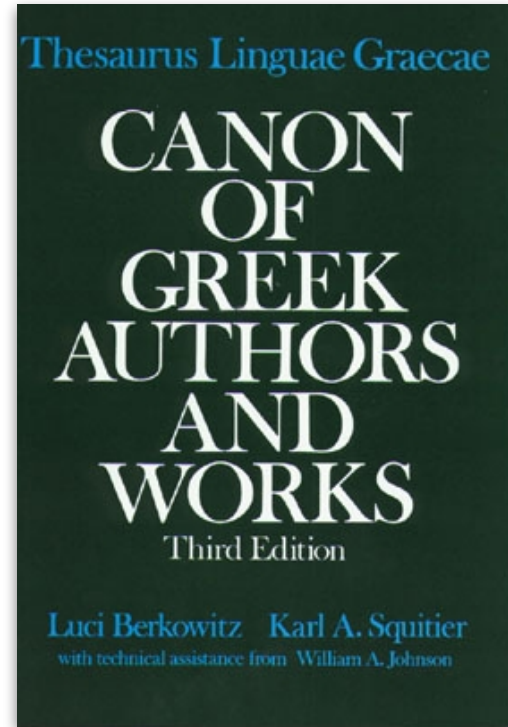 • Scholia et vitae: Cf. SCHOLIA IN AESCHYLUM {5010}

9. **Choephoroe {0085.016}** ☐ (Click to select)
Trag.
D.L. Page, *Aeschyli Septem Quae Supersunt Tragoedias*, Oxford: Clarendon Press, 1972: 201-244.
Word Count: 5,608

TLG Canon of Greek Authors and Works

Thesaurus Linguae Graecae
CANON OF GREEK AUTHORS AND WORKS
Third Edition
Luci Berkowitz Karl A. Squitier
with technical assistance from William A. Johnson

PARALLEL BROWSING

Lines: 20
Display: Greek
Links: Active

AESCHYLUS {0085}
Persae {012} (Page, D.L.)

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AESCHYLUS {0085}
Persae {002} (Murray, G.)

Text Structure

Text Structure   A | A | A

»   «

Line [t] **GO**   Line [t] **GO**

Prev | **Next**   « **Jump** »   Prev | **Next**

AESCHYLUS, *Persae*. {0085.012}

ΠΕΡΣΑΙ

ΧΟΡΟΣ τάδε μὲν Περσῶν τῶν οἰχομένων   *(1)*
Ἑλλάδ' ἐς αἶαν πιστὰ καλεῖται,
καὶ τῶν ἀφνεῶν καὶ πολυχρύσων
ἑδράνων φύλακες κατὰ πρεσβείαν
οὓς αὐτὸς ἄναξ Ξέρξης βασιλεὺς   *(5)*
Δαρειογενὴς
εἵλετο χώρας ἐφορεύειν·
ἀμφὶ δὲ νόστωι τῶι βασιλείωι
καὶ πολυχρύσου στρατιᾶς ἤδη
κακόμαντις ἄγαν ὀρσολοπεῖται   *(10)*
θυμὸς ἔσωθεν·
πᾶσα γὰρ ἰσχὺς Ἀσιατογενὴς
ὤιχωκεν, ἐὸν δ' ἄνδρα βαΰζει
…   *(13,bis)*
κοὔτε τις ἄγγελος οὔτε τις ἱππεὺς   *(14)*
ἄστυ τὸ Περσῶν ἀφικνεῖται,   *(15)*
οἵτε τὸ Σούσων ἠδ' Ἀγβατάνων
καὶ τὸ παλαιὸν Κίσσιον ἔρκος
προλιπόντες ἔβαν, τοὶ μὲν ἐφ' ἵππων,
οἱ δ' ἐπὶ ναῶν, πεζοί τε βάδην

Prev | **Next**

Line [t] **GO**

AESCHYLUS, *Persae*. {0085.002}

ΠΕΡΣΑΙ

ΧΟΡΟΣ   *(1)*
Τάδε μὲν Περσῶν τῶν οἰχομένων   *(1)*
Ἑλλάδ' ἐς αἶαν πιστὰ καλεῖται,
καὶ τῶν ἀφνεῶν καὶ πολυχρύσων
ἑδράνων φύλακες, κατὰ πρεσβείαν
οὓς αὐτὸς ἄναξ Ξέρξης βασιλεὺς   *(5)*
Δαρειογενὴς
εἵλετο χώρας ἐφορεύειν.
ἀμφὶ δὲ νόστῳ τῷ βασιλείῳ
καὶ πολυχρύσου στρατιᾶς ἤδη
κακόμαντις ἄγαν ὀρσολοπεῖται   *(10)*
θυμὸς ἔσωθεν.
πᾶσα γὰρ ἰσχὺς Ἀσιατογενὴς
οἴχωκε, νέον δ' ἄνδρα βαΰζει,
κοὔτε τις ἄγγελος οὔτε τις ἱππεὺς
ἄστυ τὸ Περσῶν ἀφικνεῖται   *(15)*
οἵτε τὸ Σούσων ἠδ' Ἀγβατάνων
καὶ τὸ παλαιὸν Κίσσιον ἔρκος
προλιπόντες ἔβαν, τοὶ μὲν ἐφ' ἵππων,
τοὶ δ' ἐπὶ ναῶν, πεζοί τε βάδην

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Line [t] **GO**

Perseus Catalog

* `urn:cts:greekLit:tlg0032.tlg001`

Work Information

* URN: urn:cts:greekLit:tlg0032.tlg001

Work title: Hellenica

Textgroup: tlg0032

Author: Xenophon

Editions of this Work, Click to Expand
Hellenica, Historia Graeca
Hellenica, Xenophon, Hellenica, Vol 1
Hellenica, Xenophontis Opera omnia, Volume I, Historia Graeca;Hellenica
Hellenica, Xenophontis Opera omnia, Volume I, Historia Graeca
Hellenica, Xenophōntos Hellēnika;Hellenica

Translations of this Work, Click to Expand
Hellenica, The, Cyropaedia, or, Institution of Cyrus, and the Hellenics, or Grecian history
Hellenica, The, Greek historians, The complete and unabridged historical works of Herodotus, Volume II
Hellenica, Xenophon, Hellenica, Vol 1
Hellenica, Xenophon in Seven Volumes, Vol 1 and Vol 2
Hellenica, Xenophon's Hellenics, books I-IV, and the Banquet

Xenophon

Textgroups: tlg0032

tlg1754

* CITE id: urn:cite:perseus:author.1499

Tlg id: tlg0032

Alt id: LCCN n 80036673

Name: Xenophon

Abbr: X.

http://catalog.perseus.org

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46                      xmlns:atom="http://www.w3.org/2005/Atom"
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54          </titleInfo>
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56              <title>Xenophon</title>
57              <subTitle>Hellenica</subTitle>
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master   catalog_data / mods / greekLit / tlg0032 / tlg001 / opp-grc2 / **tlg0032.tlg001.opp-grc2.mods1.xml**

canonical-greekLit

XML Canonical resources for Greek Literature

● XQuery   ☆ 48   ⑂ 78

canonical-latinLit

XML Canonical resources for Latin Literature

● XQuery   ☆ 15   ⑂ 46

https://github.com/PerseusDL/catalog_data/blob/master/mods/greekLit/tlg0032/tlg001/opp-grc2/tlg0032.tlg001.opp-grc2.mods1.xml

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Scaife Viewer

Xenophon, Hellenica

Hellenica

Book 1 Chapter 1 Section 1 to Book 1 Chapter 1 Section 5 (1.1.1– 1.1.5)

▾ ▢ add parallel version

1 1 1
μετὰ δὲ ταῦτα οὐ πολλαῖς ἡμέραις ὕστερον ἦλθεν ἐξ Ἀθηνῶν Θυμοχάρης ἔχων ναῦς ὀλίγας· καὶ εὐθὺς ἐναυμάχησαν αὖθις Λακεδαιμόνιοι καὶ Ἀθηναῖοι, ἐνίκησαν δὲ Λακεδαιμόνιοι ἡγουμένου Ἁγησανδρίδου.

2 μετ᾽ ὀλίγον δὲ τούτων Δωριεὺς ὁ Διαγόρου ἐκ Ῥόδου εἰς Ἑλλήσποντον εἰσέπλει ἀρχομένου χειμῶνος τέτταρσι καὶ δέκα ναυσὶν ἅμα ἡμέρα. κατιδὼν δὲ ὁ τῶν Ἀθηναίων ἡμεροσκόπος ἐσήμηνε τοῖς στρατηγοῖς. οἱ δὲ ἀνηγάγοντο ἐπ᾽ αὐτὸν εἴκοσι ναυσίν, ἃς ὁ Δωριεὺς φυγὼν πρὸς τὴν γῆν ἀνεβίβαζε τὰς αὑτοῦ τριήρεις, ὡς ἤνοιγε, περὶ τὸ Ῥοίτειον.

3 ἐγγὺς δὲ γενομένων τῶν Ἀθηναίων ἐμάχοντο ἀπό τε τῶν νεῶν καὶ τῆς γῆς μέχρι οἱ Ἀθηναῖοι ἀπέπλευσαν εἰς Μάδυτον πρὸς τὸ ἄλλο στρατόπεδον οὐδὲν πράξαντες.

4 Μίνδαρος δὲ κατιδὼν τὴν μάχην ἐν Ἰλίῳ θύων τῇ Ἀθηνᾷ, ἐβοήθει ἐπὶ τὴν θάλατταν, καὶ καθελκύσας τὰς ἑαυτοῦ τριήρεις ἀπέπλει, ὅπως ἀναλάβοι τὰς μετὰ Δωριέως.

5 οἱ δὲ Ἀθηναῖοι ἀνταναγαγόμενοι ἐναυμάχησαν περὶ Ἄβυδον κατὰ τὴν ἠόνα, μέχρι δείλης ἐξ ἑωθινοῦ. καὶ τὰ μὲν νικώντων, τὰ δὲ νικωμένων, Ἀλκιβιάδης ἐπεισπλεῖ δυοῖν δεούσαις εἴκοσι ναυσίν.

▾ CTS URN

* urn:cts:greekLit:tlg0032.tlg001.perseus-grc2:1.1.1–1.1.5

▾ TEXT MODE

NORMAL **HIGHLIGHT**
click and shift-click on words to highlight

▾ TEXT SIZE

Aα Aα **Aα** Aα Aα

▾ TEXT WIDTH

Narrow **Normal** Wide

▾ HIGHLIGHT

@Ἁγησανδρίδου[1]

▾ EXPORT PASSAGE

as text *or* xml

▾ MORPHOLOGY

Ἁγησανδρίδας   noun 1st
Ἁγησανδριδ-ου   genitive singular masculine *(Doric Aeolic)*

▾ WORD LIST

Number in parentheses is frequency per 10k in this work.

▾ CHS COMMENTARY

No comments found.

* `urn:cts:greekLit:tlg0032.tlg001.perseus-grc2:1.1.1@Ἁγησανδρίδου[1]`

https://scaife.perseus.org/reader/urn:cts:greekLit:tlg0032.tlg001.perseus-grc2:1.1.1-1.1.5/

3
Data Entry and Analysis for Classical Philology

Optical Character Recognition (OCR)

Lace: Visualizing, Editing and Searching Polylingual OCR Results

Monica Berti (Ed.)
DIGITAL CLASSICAL PHILOLOGY
ANCIENT GREEK AND LATIN IN THE DIGITAL REVOLUTION

Bruce Robertson
Digital Classical Philology
Optical Character Recognition for Classical Philology
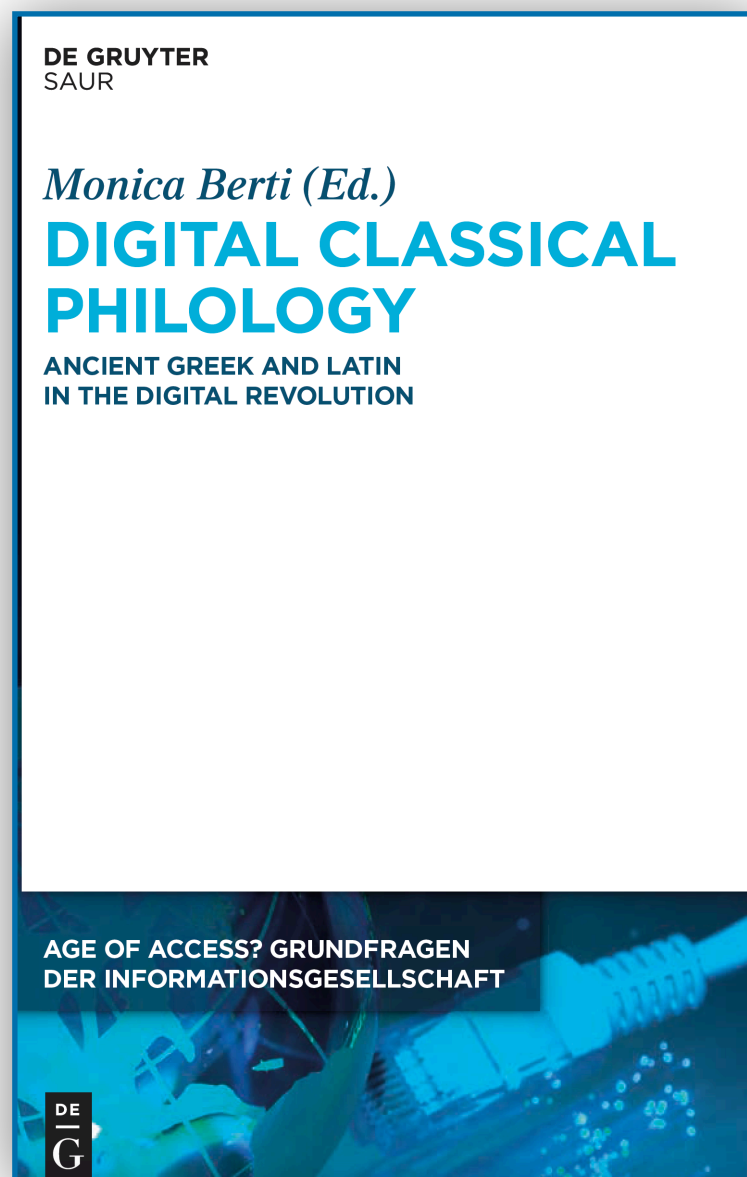De Gruyter Saur | 2019
DOI: https://doi.org/10.1515/9783110599572-008

http://heml.mta.ca/lace/index.html

Character Encoding
Beta Code ⟶ Unicode

The Beta Code Manual

- This table gives the Beta Codes for the Greek alphabet, diacritics and punctuation.
- This information is sufficient for almost all searches on the TLG website.
- An annotated (.pdf) version of the **complete Beta Code Manual** is also available. Click here to download the file.
- For easy reference, click here to obtain a **Quick Reference Guide to Beta Code** (with its Unicode equivalents).

Outline

Alpha	A	Nu	N
Beta	B	Xi	C
Gamma	G	Omicron	O
Delta	D	Pi	P
Epsilon	E	Rho	R
Zeta	Z	Sigma	S
Eta	H	Tau	T
Theta	Q	Upsilon	U
Iota	I	Phi	F
Kappa	K	Chi	X
Lambda	L	Psi	Y
Mu	M	Omega	W

Smooth breathing	)	Period	.
Rough breathing	(	Apostrophe	,
Acute	/	Colon	:
Grave	\	Question Mark	;
Circumflex	=	Hyphen	-
Iota subscript	|	Dash	_

Uppercase Letters

- To type uppercase letters, prefix each letter with an asterisk, *. E.g. *P*L*A*T*W*N

Diacritics

- On lowercase letters these are keyed in the order: (1) letter, (2) breathing, (3) accent, (4) iota subscript. E.g. W(=|
- On uppercase letters these are keyed in the order: (1) asterisk, (2) breathing, (3) accent, (4) letter, (5) iota subscript. E.g. *(=W|

Unicode 12.1 Character Code Charts

SCRIPTS | **SYMBOLS & PUNCTUATION** | **NAME INDEX**

Find chart by hex code: [____] [Go]   Help   Conventions   Terms of Use

Scripts

European Scripts	African Scripts	South Asian Scripts	Indonesia & Oceania Scripts
Armenian	Adlam	Ahom	Balinese
Armenian Ligatures	Bamum	Bengali and Assamese	Batak
Carian	Bamum Supplement	Bhaiksuki	Buginese
Caucasian Albanian	Bassa Vah	Brahmi	Buhid
Cypriot Syllabary	Coptic	Chakma	Hanunoo
Cyrillic	Coptic in Greek block	Devanagari	Javanese
Cyrillic Supplement	Coptic Epact Numbers	Devanagari Extended	Makasar
Cyrillic Extended-A	Egyptian Hieroglyphs (1MB)	Dogra	Rejang
Cyrillic Extended-B	Egyptian Hieroglyph Format Controls	Grantha	Sundanese
Cyrillic Extended-C	Ethiopic	Gujarati	Sundanese Supplement
Elbasan	Ethiopic Supplement	Gunjala Gondi	Tagalog
Georgian	Ethiopic Extended	Gurmukhi	Tagbanwa
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Georgian Supplement	Medefaidrin	Kannada	Bopomofo
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Glagolitic Supplement	Meroitic	Khojki	CJK Unified Ideographs (Han) (35MB)
Gothic	Meroitic Cursive	Khudawadi	CJK Extension-A (6MB)
Greek	Meroitic Hieroglyphs	Lepcha	CJK Extension B (40MB)
Greek Extended	N'Ko	Limbu	CJK Extension C (3MB)
Ancient Greek Numbers	Osmanya	Mahajani	CJK Extension D
Latin	Tifinagh	Malayalam	CJK Extension E (3.5MB)
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Latin-1 Supplement	Middle Eastern Scripts	Meetei Mayek	(see also Unihan Database)
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Latin Extended-B	Arabic	Modi	CJK Compatibility Ideographs Supplement
Latin Extended-C	Arabic Supplement	Mro	
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Phonetic Extensions	Cuneiform Numbers and Punctuation	Sharada	Hangul Jamo Extended-B
Phonetic Extensions Supplement	Early Dynastic Cuneiform	Siddham	Hangul Compatibility Jamo
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Lydian	Mandaic	Tamil Supplement	Kanbun
Ogham	Nabataean	Telugu	Katakana
Old Hungarian	Old North Arabian	Thaana	Katakana Phonetic Extensions
Old Italic	Old South Arabian	Tirhuta	Halfwidth Katakana
Old Permic	Pahlavi, Inscriptional	Vedic Extensions	Lisu
Phaistos Disc	Pahlavi, Psalter	Wancho	Miao
Runic	Palmyrene	Warang Citi	Nushu

Character Encoding

Marmor Parium A 3

3.

🏷️ Ἀφ' οὗ δίκη Ἀθήνησι[ν
ἐγέ]νετο Ἄρει καὶ Ποσειδῶνι
ὑπὲρ Ἀλιρροθίου τοῦ
Ποσειδῶνος, καὶ ὁ τόπος
ἐκλήθη Ἄρειος πάγος, ἔτη
ΧΗΗ𐅆ΔΓΙΙΙ, βασιλεύοντος
Ἀθηνῶν Κρ[ανα]οῦ.

1268
=
(1531/30 BC)

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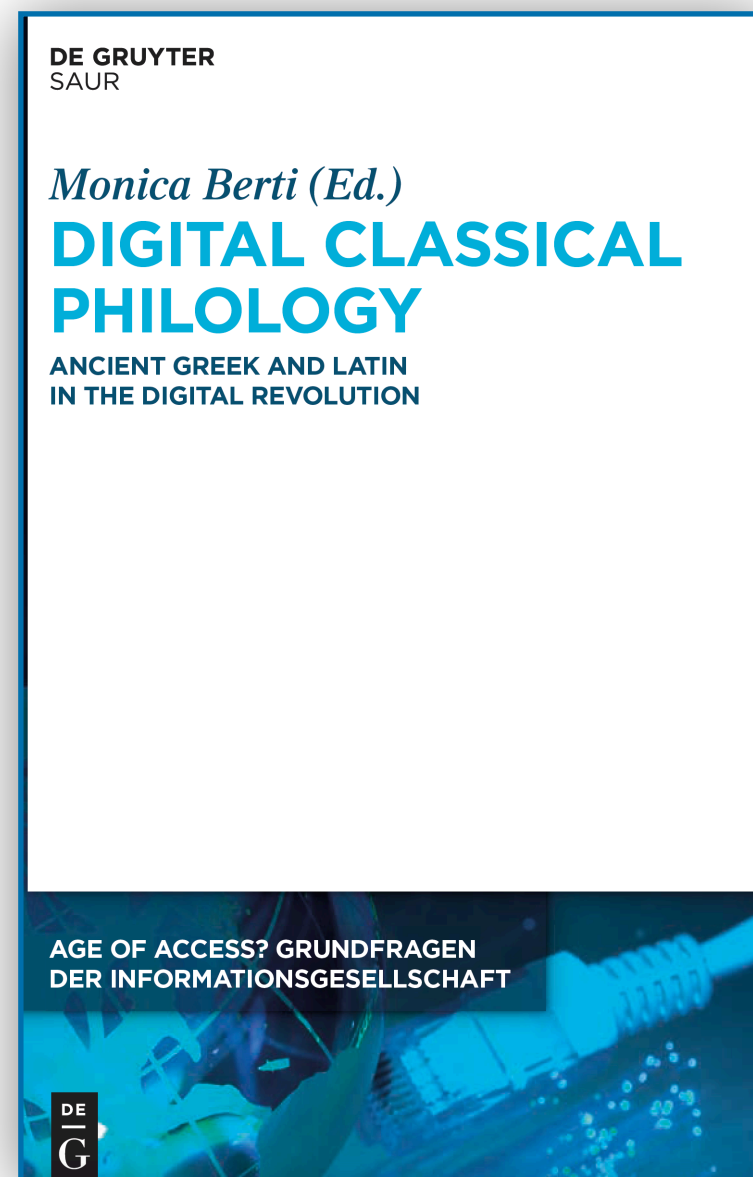Δ = 10
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10144   𐅆   GREEK ACROPHONIC ATTIC FIFTY

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The Classical Language Toolkit

http://cltk.org/

Patrick J. Burns

Digital Classical Philology

Building a Text Analysis Pipeline for Classical Languages

De Gruyter Saur | 2019
DOI: https://doi.org/10.1515/9783110599572-010

DE GRUYTER
SAUR

Monica Berti (Ed.)
DIGITAL CLASSICAL PHILOLOGY
ANCIENT GREEK AND LATIN
IN THE DIGITAL REVOLUTION

AGE OF ACCESS? GRUNDFRAGEN
DER INFORMATIONSGESELLSCHAFT

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- Sentence Tokenization
- Stopword Filtering
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- TEI XML
- Text Cleanup
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- Stoplist Construction
- Stopword Filtering
- Swadesh
- Syllabifier
- Text Cleanup
- Transliteration
- Word Tokenization
- Word2Vec

◄ Book 1 ►

Paragraph 5

τοιούτους ἔδει καὶ τοὺς λοιποὺς εἶναι πλείους ὡς τοῖς γε μὴ τοῦτο ποιοῦσιν ἐρεῖ τις τί μικρολόγος εἶ; — πλεῖαί τοι οἴνου κλισίαι· δαίνυ δαῖτα γέρουσι θάλειαν· ἔοικέ τοι. τοιοῦτος ἦν τῇ μεγαλοψυχίᾳ ὁ μέγας Ἀλέξανδρος. Κόνων δὲ τῇ περὶ Κνίδον ναυμαχίᾳ νικήσας Λακεδαιμονίους καὶ τειχίσας τὸν Πειραιᾶ ἑκατόμβην τῷ ὄντι θύσας καὶ οὐ ψευδωνύμως πάντας Ἀθηναίους εἱστίασεν. Ἀλκιβιάδης δὲ Ὀλύμπια νικήσας ἅρματι πρώτος καὶ δεύτερος καὶ τέταρτος, εἰς ἃς νίκας καὶ Εὐριπίδης ἔγραψεν ἐπινίκιον, θύσας Ὀλυμπίῳ Διὶ τὴν πανήγυριν πᾶσαν εἱστίασε. τὸ αὐτὸ ἐποίησε καὶ Λεώφρων Ὀλυμπίασιν, ἐπινίκιον γράψαντος τοῦ Κείου Σιμωνίδου. Ἐμπεδοκλῆς δ' ὁ Ἀκραγαντῖνος ἵπποις Ὀλύμπια νικήσας, Πυθαγορικὸς ὢν καὶ ἐμψύχων ἀπεχόμενος, ἐκ σμύρνης καὶ λιβανωτοῦ καὶ τῶν πολυτελεστάτων ἀρωμάτων βοῦν ἀναπλάσας διένειμε τοῖς εἰς τὴν πανήγυριν ἀπαντήσασιν. ὁ δὲ Χῖος Ἴων τραγῳδίαν νικήσας Ἀθήνησιν ἑκάστῳ τῶν Ἀθηναίων ἔδωκε Χίου κεράμιον. τοῦ γάρ τις ἄλλου πρὸς θεῶν ἂν οὕνεκα εὔξαιτο πλουτεῖν εὐπορεῖν τε χρημάτων ἢ τοῦ δύνασθαι παραβοηθεῖν τοῖς φίλοις σπείρειν τε καρπὸν Χάριτος, ἡδίστης θεῶν; τοῦ μὲν πιεῖν γὰρ καὶ φαγεῖν τὰς ἡδονὰς ἔχομεν ὁμοίας· οὐδὲ τοῖς λαμπροῖσι γὰρ δείπνοις τὸ πεινῆν παύεται, Ἀντιφάνης φησίν. ὅτι Ξενοκράτης ὁ Χαλκηδόνιος καὶ Σπεύσιππος ὁ Ἀκαδημαικὸς καὶ Ἀριστοτέλης βασιλικοὺς νόμους ἔγραψε. ἀλλὰ μὴν καὶ ὁ Ἀκραγαντῖνος Τελλίας, φιλόξενος ὢν καὶ πάντας πολυωρῶν, πεντακοσίοις ἱππεῦσιν ἐκ Γέλας ποτὲ καταλύσασιν ὡς αὐτὸν χειμῶνος ὥρᾳ ἔδωκεν ἑκάστῳ χιτῶνα καὶ ἱμάτιον.

Olson Index

Alcibiades
Antiphanes
Aristotle of Stagira
Empedocles of Acragas
Empedocles
Euripides
Ion of Chios
Leophron
Simonides of Ceos
Speusippus of Athens
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Charmus of Syracuse
Clearchus of Soli
Conon of Athens
Homer
Larensius of Rome
Tellias of Acragas

Kaibel Index Scriptorum

ANTIPHANES
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SIMONIDES
XENOCRATES

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HOMERVS

Kaibel Dialogi Personae

LARENSIS

Meineke Index Scriptorum

Antiphanes
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Empedocles
Euripides
Ion
Speusippus
Xenocrates

Clearchus
Homerus

Text Alignment

http://www.digitalathenaeus.org

DIGITAL ATHENAEUS

UNIVERSITÄT LEIPZIG

DFHG Witnesses Catalog - Text Reuse Detection

Insert one or more entry...   OR

https://raw.githubusercontent.com/PerseusDL/canonical-greekl   Submit

Where author="HELLANICUS"

Harpocration, Valerius - Lexicon in decem oratores Atticos (tlg1389.tlg001.perseus-grc2)

Searching HELLANICUS fr.4 [Harpocration]

Στεφανηφόρου ἡρῷον, ὡς ἔοικεν, ἦν ἐν ταῖς Ἀθήναις· εἴη δ᾽ ἂν ὁ Στεφανηφόρος, ἤτοι τῶν Ἡρακλέους υἱέων εἷς, τῶν γενομένων ἐκ τῶν Θεστίου θυγατέρων, οὗ μνημονεύει Ἑλλάνικος ἐν δεκάτῳ Φορωνίδος, ἢ μήποτε τοῦ Ἀττικοῦ Στεφανηφόρου τὸ ἡρῷον ἦν, οὗ πάλιν ὁ αὐτὸς Ἑλλάνικος ἐν δευτέρᾳ Ἀτθίδος μέμνηται.

Found in Harpocration, Valerius - Lexicon in decem oratores Atticos

ΣΤΕΦΑΝΗΦΟΡΟΣ Ἀντιφῶν ἐν τῷ πρὸς Νικοκλέα. **Στεφανηφόρου ἡρῷον, ὡς ἔοικεν, ἦν ἐν ταῖς Ἀθήναις. εἴη δ᾽ ἂν ὁ Στεφανηφόρος ἤτοι τῶν Ἡρακλέους υἱέων εἷς τῶν γενομένων ἐκ τῶν Θεστίου θυγατέρων, οὗ μνημονεύει Ἑλλάνικος ἐν ι Φορωνίδος: ἢ μήποτε τοῦ Ἀττικοῦ Στεφανηφόρου τὸ ἡρῷον ἦν, οὗ πάλιν ὁ αὐτὸς Ἑλλάνικος ἐν β Ἀτθίδος μέμνηται.**

```
<div xml:id="stefanhforos" type="textpart" subtype="entry" org="uniform" sample="complete" part="N" n="stefaneforos">
        <head>ΣΤΕΦΑΝΗΦΟΡΟΣ</head>
        <p ana="DFHG"> Ἀντιφῶν ἐν τῷ πρὸς Νικοκλέα. Στεφανηφόρου ἡρῷον, ὡς ἔοικεν, ἦν ἐν ταῖς Ἀθήναις.
        εἴη δ᾽ ἂν ὁ Στεφανηφόρος ἤτοι τῶν Ἡρακλέους υἱέων εἷς τῶν γενομένων ἐκ τῶν Θεστίου
        θυγατέρων, οὗ μνημονεύει Ἑλλάνικος ἐν <num>ι</num> Φορωνίδος: ἢ μήποτε τοῦ Ἀττικοῦ
        Στεφανηφόρου τὸ ἡρῷον ἦν, οὗ πάλιν ὁ αὐτὸς Ἑλλάνικος ἐν <num>β</num> Ἀτθίδος
        μέμνηται. </p>
    </div>
```

Searching HELLANICUS fr.28 [Harpocration]

Τεττάρων μερῶν ὄντων τῆς θετταλίας, ἕκαστον μέρος Τετρὰς ἐκαλεῖτο, καθά φησιν Ἑλλάνικος ἐν τοῖς Θετταλικοῖς· ὄνομα ἔ φησιν εἶναι ταῖς τετράσι Θετταλιῶτιν, Φθιῶτιν, Πελασγιῶτιν, Ἑστιαιῶτιν.

Found in Harpocration, Valerius - Lexicon in decem oratores Atticos

ΤΕΤΡΑΡΧΙΑ Δημοσθένης Φιλιππικοῖς. **τεττάρων μερῶν ὄντων τῆς Θετταλίας ἕκαστον μέρος τετρὰς ἐκαλεῖτο, καθά φησιν Ἑλλάνικος ἐν τοῖς Θετταλικοῖς: ὄνομα δέ φησιν εἶναι ταῖς τετράσι Θετταλιῶτιν, Φθιῶτιν, Πελασγιῶτιν, Ἑστιαιῶτιν.** καὶ Ἀριστοτέλης δὲ ἐν τῇ κοινῇ Θετταλῶν πολιτείᾳ ἐπὶ Ἀλεύα τοῦ Πύρρου διῃρῆσθαί φησιν εἰς δ μοίρας τὴν Θετταλίαν. εἴη ἂν οὖν λέγων ὁ Δημοσθένης τὴν τετραρχίαν. ὅτι δὲ Φίλιππος καθ᾽ ἑκάστην τούτων τῶν μοιρῶν ἄρχοντα κατέστησε δεδηλώκασιν ἄλλοι τε καὶ Θεόπομπος ἐν τῇ μδ.

```
<div xml:id="tetrarxia" type="textpart" subtype="entry" org="uniform" sample="complete" part="N" n="tetrarchia">
        <head>ΤΕΤΡΑΡΧΙΑ</head>
        <p ana="DFHG"> Δημοσθένης Φιλιππικοῖς. τεττάρων μερῶν ὄντων τῆς Θετταλίας ἕκαστον μέρος τετρὰς
        ἐκαλεῖτο, καθά φησιν Ἑλλάνικος ἐν τοῖς Θετταλικοῖς: ὄνομα δέ φησιν εἶναι ταῖς
```

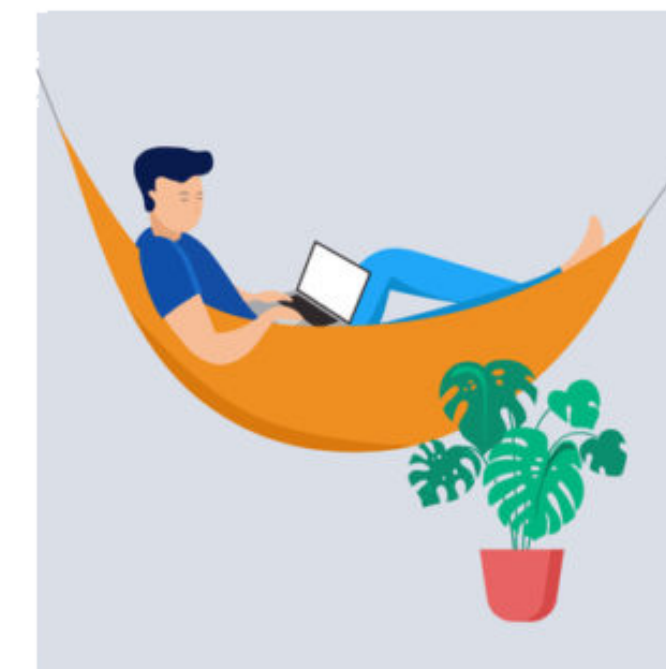# Text Reuse Detection

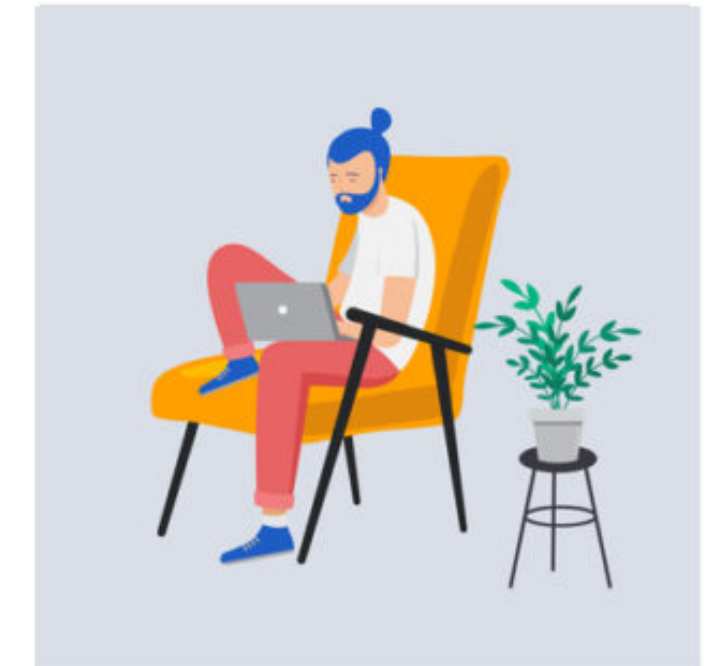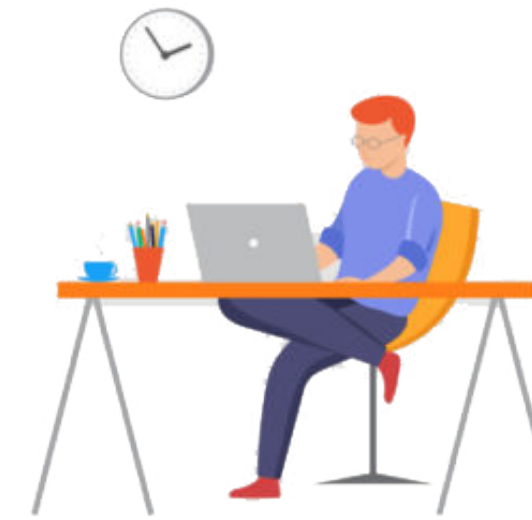http://www.dfhg-project.org

DFHG project

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Critical Editions and Annotations
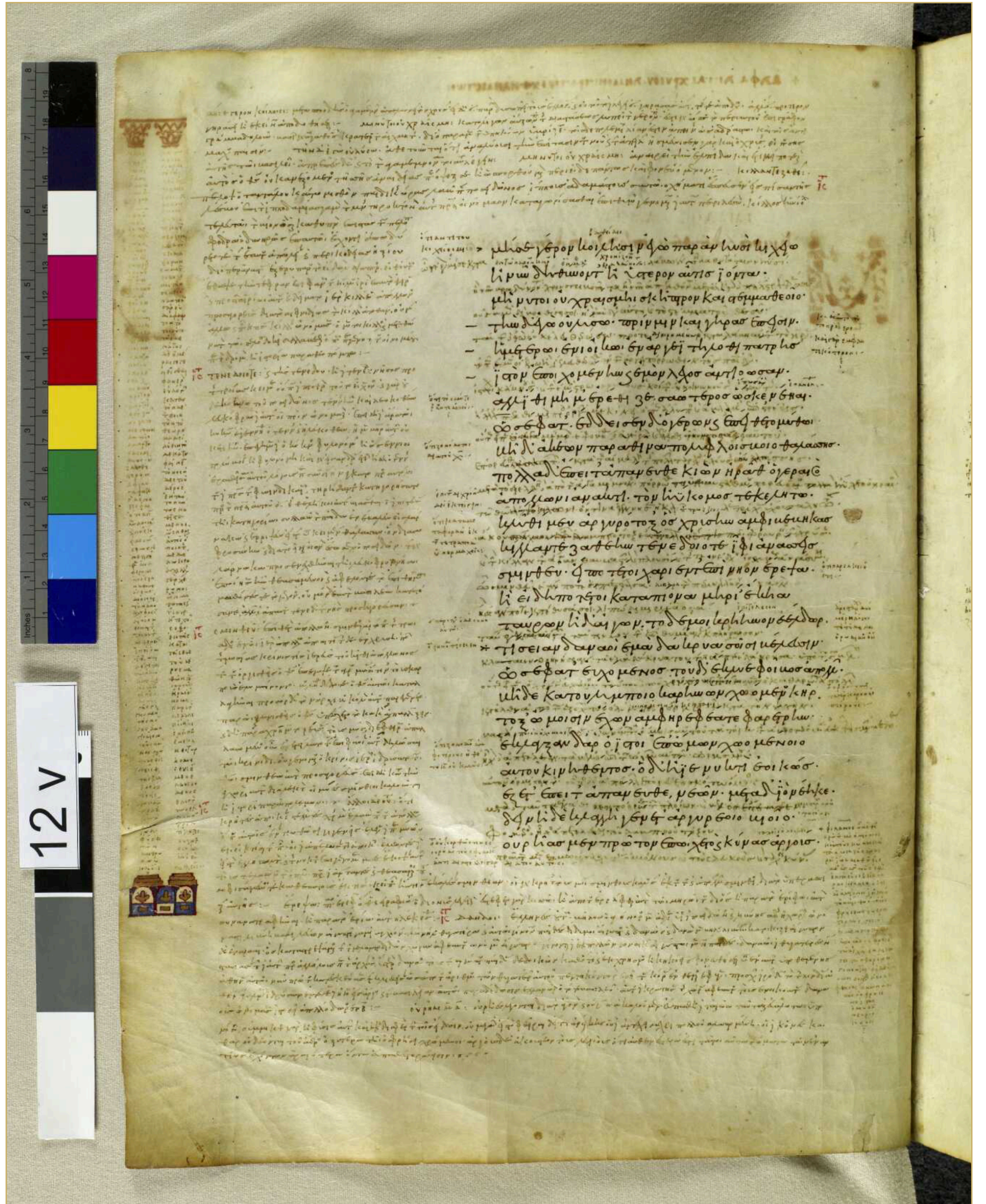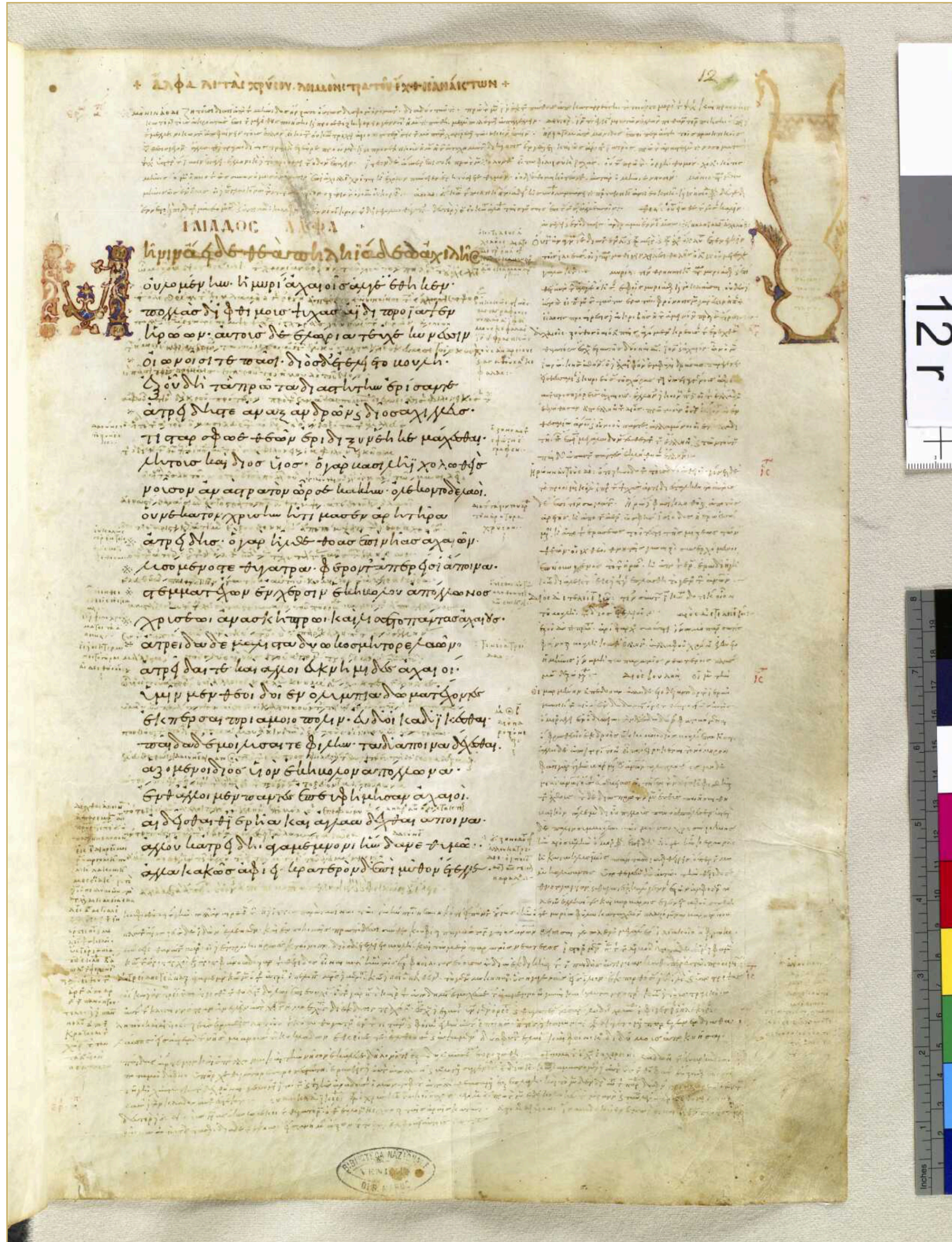
Marcianus Graecus Z. 454 (= 822)
(Venetus A)
10th century

Marcianus Graecus Z. 454 (= 822)
(Venetus A)
10th century
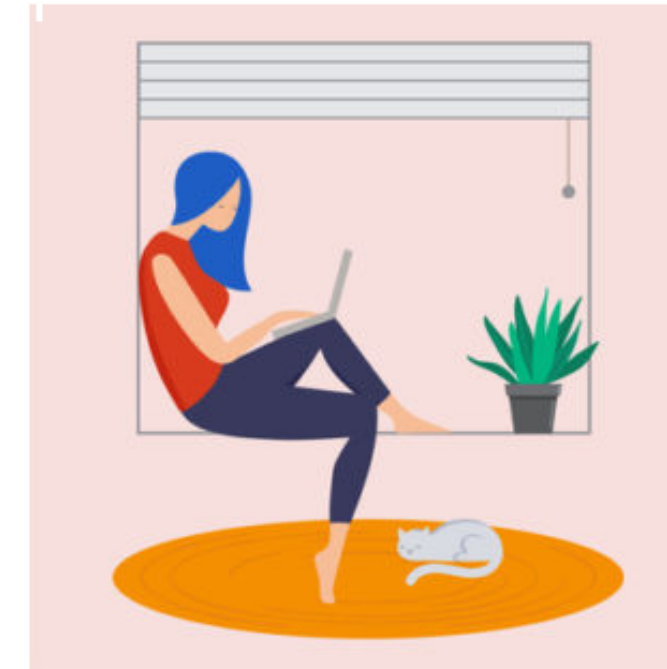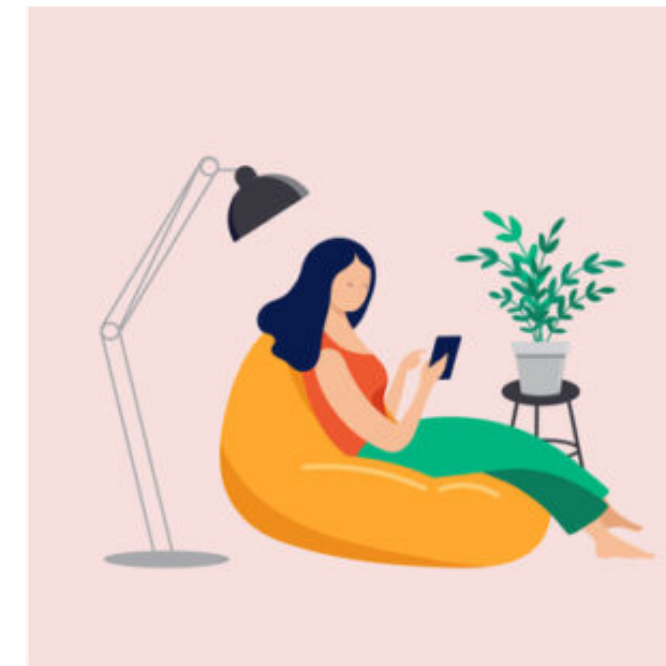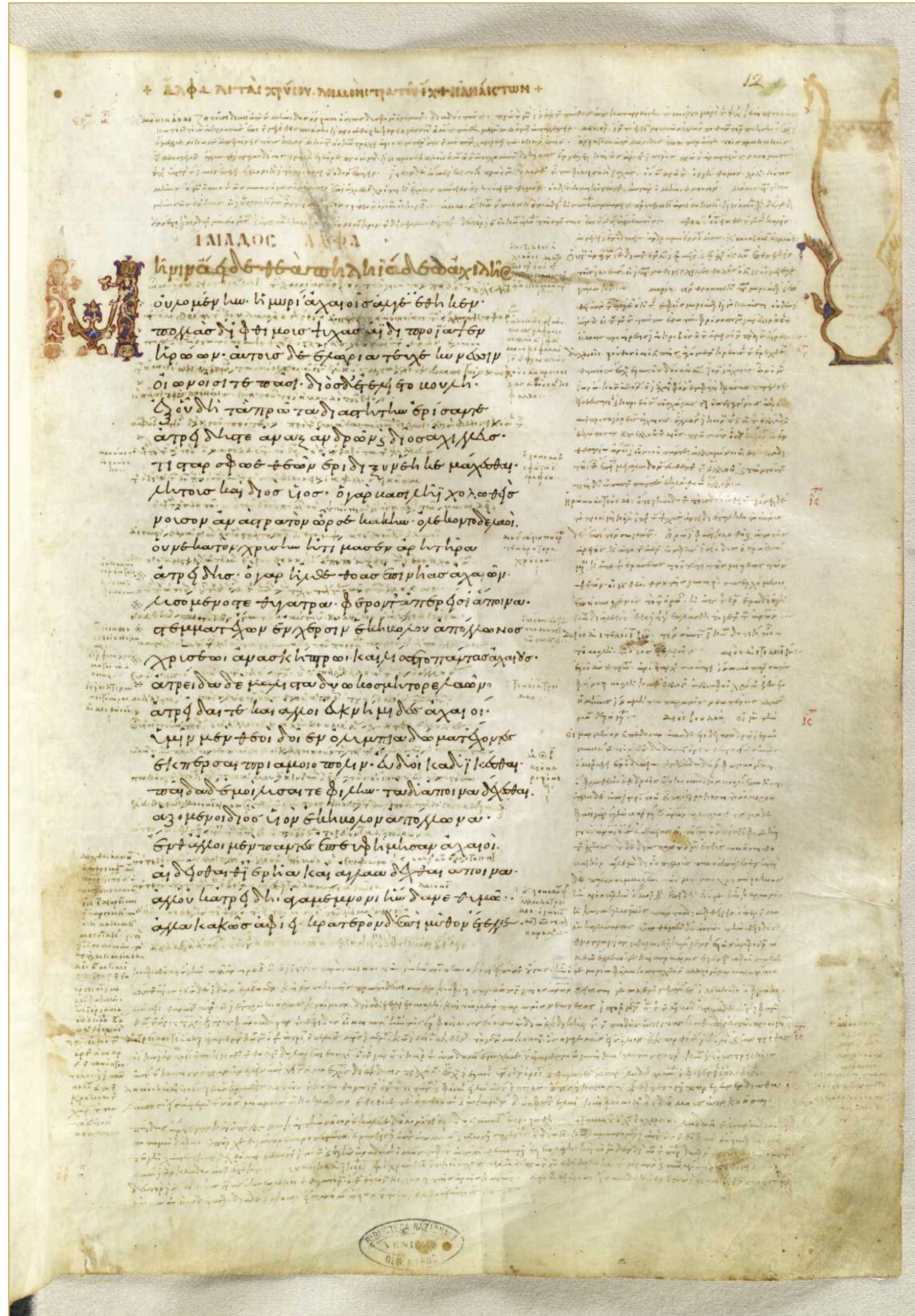
a collaborative environment
and interface

Semantic Annotations

5
Linguistic Resources

Morpho-syntactic Annotation

https://perseusdl.github.io/treebank_data/

https://github.com/PerseusDL/treebank_data/blob/master/AGDT2/guidelines/Greek_guidelines.md
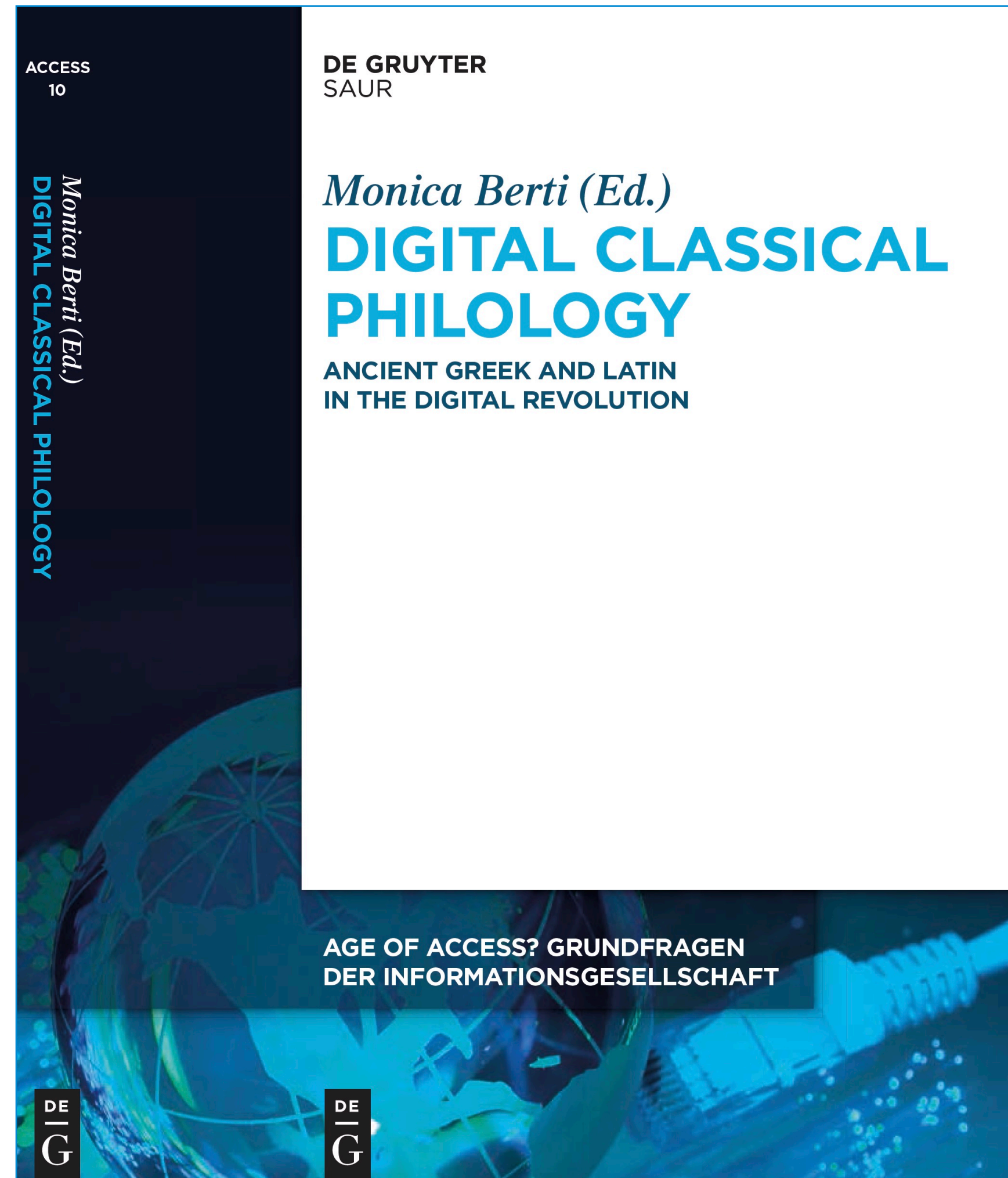
Knowledge Bases

MISSION

Linking Latin

Despite the headway made in the last decade in building, sharing and exploiting linguistic resources and tools for the automatic processing of Latin, these remain incompatible.

The **objective** of LiLa (2018-2023) is to connect and ultimately exploit the wealth of linguistic resources and NLP tools for Latin created so far, in order to bridge the gap between raw language data, NLP and knowledge descriptions. To do so, LiLa is building an open-ended Knowledge Base using the Linked Data paradigm, concurrently adding Latin to the multilingual Linguistic Linked Open Data (**LLOD**) cloud.

Read more →

https://lila-erc.eu

ACCESS
10

DE GRUYTER
SAUR

Monica Berti (Ed.)
DIGITAL CLASSICAL PHILOLOGY
ANCIENT GREEK AND LATIN
IN THE DIGITAL REVOLUTION

AGE OF ACCESS? GRUNDFRAGEN
DER INFORMATIONSGESELLSCHAFT

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Thank You

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