



The Digital Marmor Parium

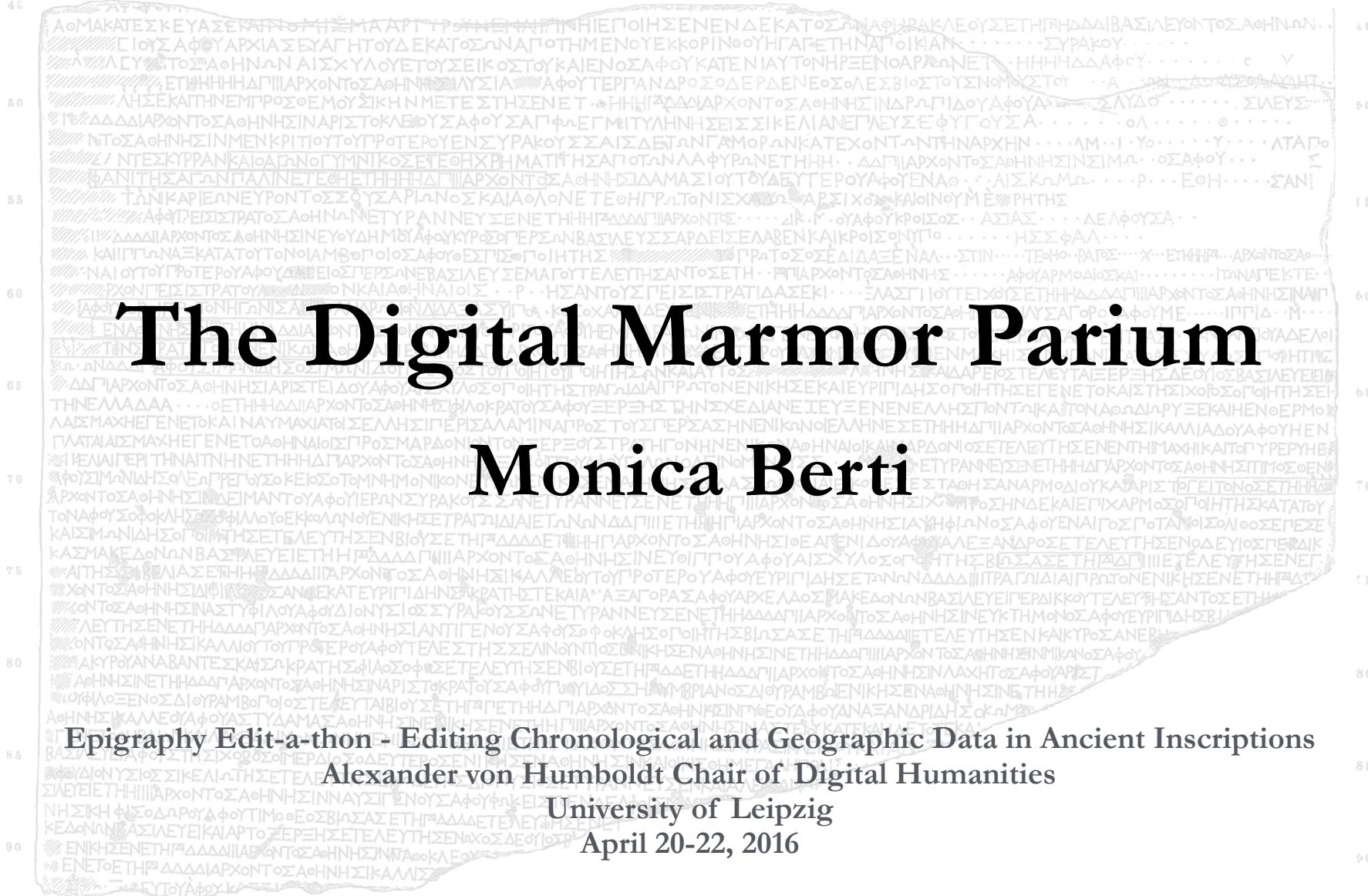
Monica Berti

Epigraphy Edit-a-thon - Editing Chronological and Geographic Data in Ancient Inscriptions

Alexander von Humboldt Chair of Digital Humanities

University of Leipzig

April 20-22, 2016



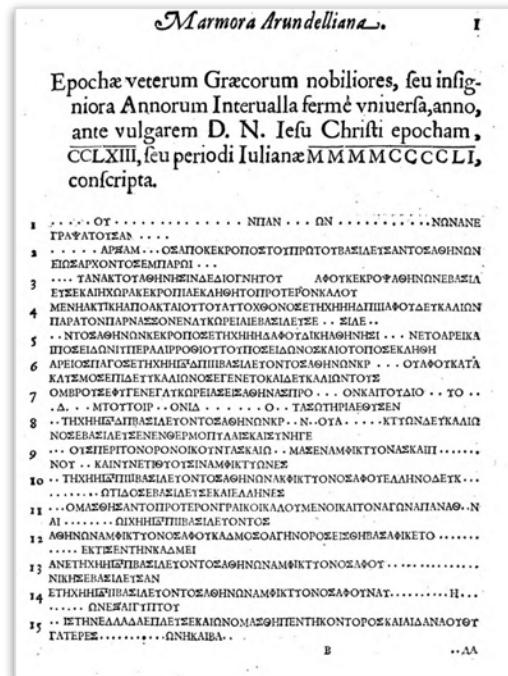
The Marmor Parium

overview

- Hellenistic chronicle on marble
- list of events: 1581/80 - 299/98 BC
- Panhellenic history with a focus on Athenian history
- double chronology:
 - number of years elapsing from 264/63 BC (acrophonic numerals)
 - name of Athenian king or archon
- the author of the text is lost

The Marmor Parium

the fragments

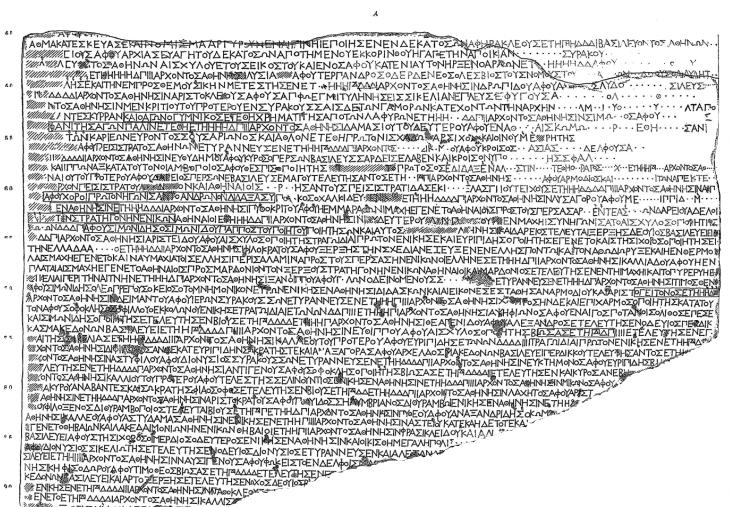


fragment A

(ll. 1-93)

A(a)

- bought in Smyrna in 1627 by Thomas Howard, Earl of Arundel
- published by John Selden in *Marmora Arundelliana* (London 1628)
- upper part (ll. 1-45) lost during the turmoils under Charles I



A(b)

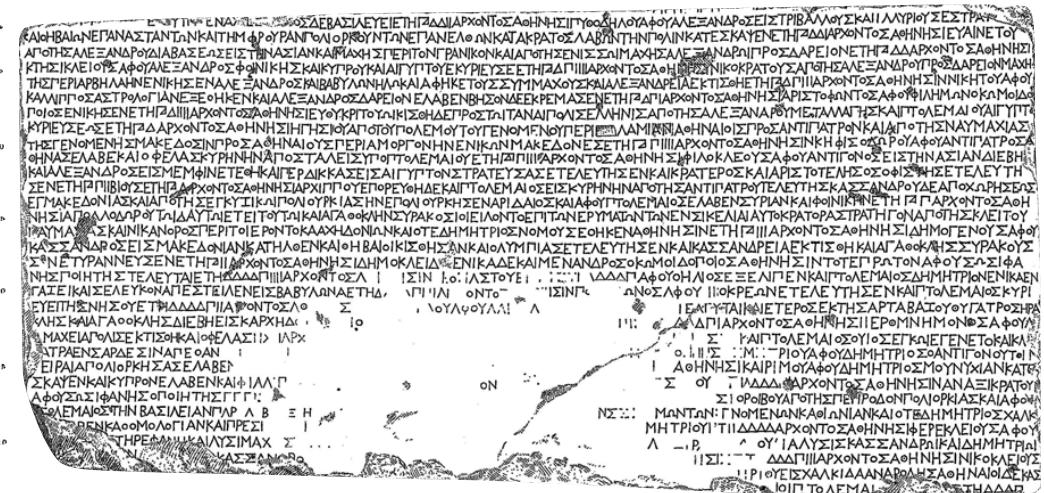
- surviving fragment of A (ll. 46-93) preserved in Oxford since 1667
- today displayed in Oxford, Ashmolean Museum

The Marmor Parium

the fragments

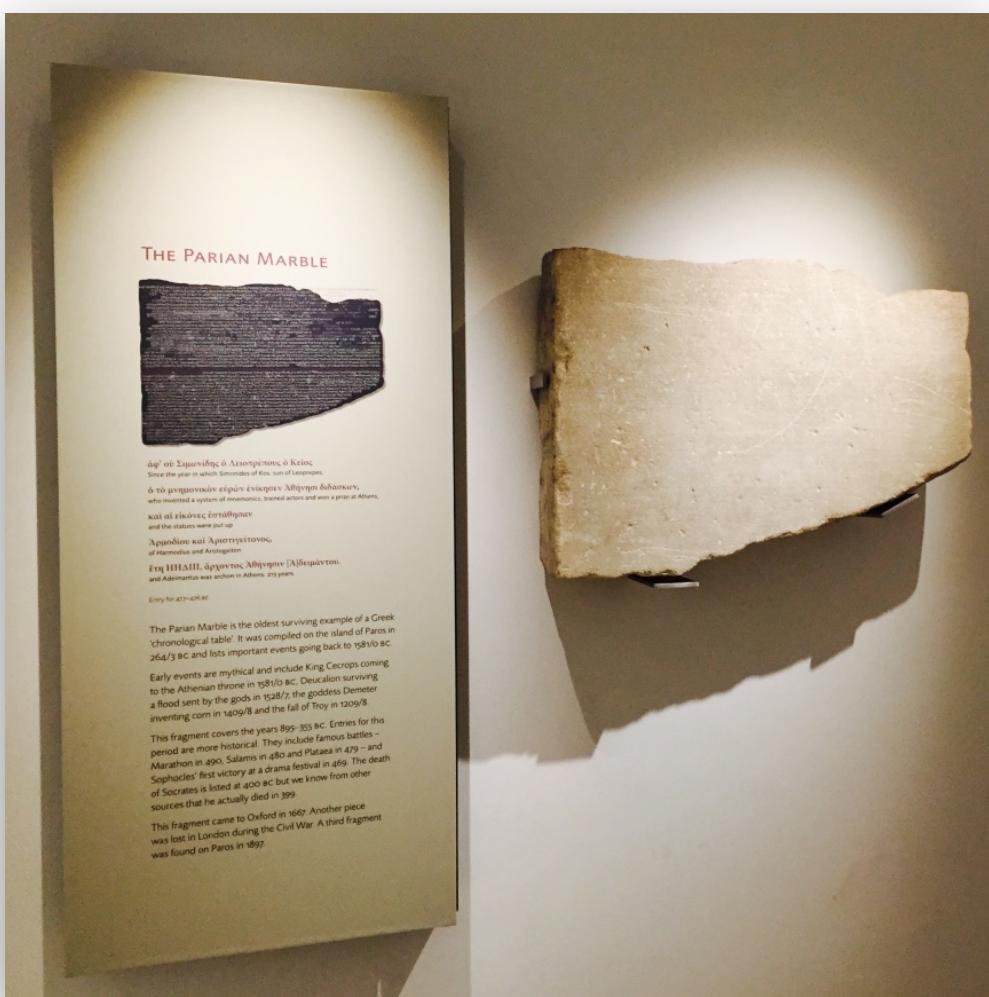
fragment B (ll. 1-34)

- discovered in Paros in 1897
- published by Krispi and Wilhelm in 1897
- today displayed in the Archaeological Museum of Paros



The Marmor Parium

the fragments



Oxford , Ashmolean Museum (April 2015)



Paros, Archaeological Museum (August 2015)

The Marmor Parium

main editions



CIG 2374 (fr. A = ll. 1-93) (1843)



FHG I, pp. 535-590 (fr. A = ll. 1-93) (1846)



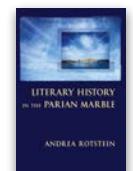
IG XII 5, 444 (frr. A and B) (1903)



F. Jacoby. *Das Marmor Parium* (1904)



FGrHist 239 (1929)



A. Rotstein. *Literary History in the Parian Marble* (2016)

The Marmor Parium

text structure

Fragment	Entries	Athenian kings/archons	Chronology	Events
A(a) lines 1-45	1-29	Cecrops, Cranaos, Amphictyon, Erichthonios, Pandion, Erechtheus, Pandion, Aegeus, Theseus, Menestheus, Demophon, Menestheus, Diognetas	ca. 1581/80 – 907-05	mythological events related to Greek kings, poetry, religion, temple foundations, ...
A(b) lines 46-93	30-80	Pherecles, Aischylos, (681/80) Lysiades, Dropides, Aristocles, Critias the first, Simon, Damasios the second, Comeus, Euthydemos, Harpactides, Lysagoras, Pythocritos, Phainippides the second, Aristeides, Philocrates, Kalliades, Xanthippos, Timosthenes, Adeimantos, Chares Apsephion, Theagenides, Euthippos, Callias the first, Diphilos, Astyphilos, Euctemon, Antigenes, Callias the first, Mikon, Laches, Aristocrates, Pytheus, Callias, Asteios, Phrasicleides, Nausigenes, Cephisodoros, Agathocles, Callistrates	ca. 895-93 – 354	annual archonship, innovations in music and theatre, life of tragedians, comedians and other poets, historical events, ...
B (lines 1-34)	1-27	Pythodelos, Euainetos, Ctesicles, Nicocrates, Niketos, Aristophon, Euthycrites, Hegesios, Cephisodoros, Philocles, Archippos, Apollodorus, Demogenes, Democleides, Theophrastos, Polemon, Simonides, Hieromnemon, Demetrios, Cairimos, Anaxicrates, Coroibos, Euxenippos, Pherecles, Leostratos, Nicocles, Euctemon	ca. 336/35 – 299/98	historical events of the Hellenistic age, life of poets, city foundations, natural events (eclipses, earthquakes), ...

The Marmor Parium

text structure

31 Greek poets and musicians

Hyagnis of Phrygia (A10)
Orpheus (supplemented in A14)
Mousaeus (A15)
Hesiod (A28)
Homer (A29)
Terpander of Lesbos (A34)
Sappho (A36)
Susarion (A39)
Hipponax (A42)
Thespis (A43)
Hypodicus of Chalkis (A46)
Melanippides of Melos (A47)
Aeschylus (A48, A50, A59)
Simonides the eldest (A49)
Euripides (A50, A60, A63)
Stesichorus (A50)

Simonides of Ceos (A54, A57)
Epicharmus (A55)
Sophocles (A56, A64)
Telestes of Selinous (A65)
Aristonous (partly restored in A67)
Polyidus of Selymbria (A68)
Philoxenus (A69)
Anaxandrides (A70)
Astydamas (A71)
Stesichorus of Himera, the second (A73)
Timotheus (A76)
Philemon (B7)
Menander (B14)
Sosiphanes I (B15)
Sosiphanes II (B22)

The Marmor Parium

text structure

FGrHist 239 A (ll. 1-3) (introductory paragraph):

* ΟΥ * [ἐξ ἀναγραφῶ]ν (?) παν[τοῖ]ων [καὶ ἴστοριῶν κοι]νῶν (?) ἀνέγραψα τοὺς
ἄν[ωθεν χρό | νους] ἀρξάμενος ἀπὸ Κέκροπος τοῦ πρώτου βασιλεύσαντος
Ἀθηνῶν εἶως ἀρχοντος ἐμ Πάρωι [μὲν |]νάνακτος, Ἀθήνησιν δὲ Διογνήτου

The Marmor Parium

text structure

FGrHist 239 A (ll. 1-3) (introductory paragraph):

* ΟΥ * [ἐξ ἀναγραφῶ]ν (?) παν[τοῖ]ων [καὶ ἴστοριῶν κοι]νῶν (?) ἀνέγραψα τοὺς
ἄν[ωθεν χρό | νους] ἀρξάμενος ἀπὸ Κέκροπος τοῦ πρώτου βασιλεύσαντος
Ἀθηνῶν εἶως ἀρχοντος ἐμ Πάρωι [μὲν |]νάνακτος, Ἀθήνησιν δὲ Διογνήτου



- the name of the author is lost/unknown

The Marmor Parium

text structure

FGrHist 239 A (ll. 1-3) (introductory paragraph):

* ΟΥ * [ἐξ ἀναγραφῶ]ν (?) παν[τοί]ων [καὶ ἴστοριῶν κοι]νῶν (?) ἀνέγραψα τοὺς
ἄν[ωθεν χρό | νους] ἀρξάμενος ἀπὸ Κέκροπος τοῦ πρώτου βασιλεύσαντος
Ἀθηνῶν εἴως ἀρχοντος ἐμὶ Πάρωι [μὲν |]υάνακτος, Ἀθήνησιν δὲ Διογνήτου



- the name of the author is lost/unknown
- from the reign of Cecrops

The Marmor Parium

text structure

FGrHist 239 A (ll. 1-3) (introductory paragraph):

* ΟΥ * [ἐξ ἀναγραφῶ]ν (?) παν[τοῖ]ων [καὶ ἴστοριῶν κοι]νῶν (?) ἀνέγραψα τοὺς
ἄν[ωθεν χρό | νους] ἀρξάμενος ἀπὸ Κέκροπος τοῦ πρώτου βασιλεύσαντος
Ἀθηνῶν εἴως ἄρχοντος ἐμ Πάρωι [μὲν |]υάνακτος, Ἀθήνησιν δὲ Διογνήτου



- the name of the author is lost/unknown
- from the reign of Cecrops
- to the Athenian archonship of Diogenes (264/63)

The Marmor Parium

text structure

FGrHist 239 A (ll. 1-3) (introductory paragraph):

* ΟΥ * [ἐξ ἀναγραφῶ]ν (?) παν[τοῖ]ων [καὶ ἴστοριῶν κοι]νῶν (?) ἀνέγραψα τοὺς
ἄν[ωθεν χρό | νους] ἀρξάμενος ἀπὸ Κέκροπος τοῦ πρώτου βασιλεύσαντος
Ἀθηνῶν εἶως ἀρχοντος ἐμ Πάρωι [μὲν |]νάνακτος, Ἀθήνησιν δὲ Διογνήτου



- the name of the author is lost/unknown
- from the reign of Cecrops
- to the Athenian archonship of Diogenes (264/63)
- fr. B ends abruptly on 299/98

The Marmor Parium

text structure

FGrHist 239 A (ll. 3-4) (first paragraph):

1 ἀφ' οὗ Κέκροψ Ἀθηνῶν ἐβασίλευσε, καὶ ἡ χώρα Κεκροπία ἐκλήθη τὸ
πρότερον καλου | μένη Ἀκτικὴ ἀπὸ Ἀκταίου τοῦ αὐτόχθονος, ἔτη ΧΗΗΗΔΓIII

The Marmor Parium

text structure

FGrHist 239 A (ll. 3-4) (first paragraph):

1 ἀφ' οὐ Κέκροψ Ἀθηνῶν ἐβασίλευσε, καὶ ἡ χώρα Κεκροπία ἐκλήθη τὸ πρότερον καλου | μένη Ἀκτικὴ ἀπὸ Ἀκταίου τοῦ αὐτόχθονος, ἔτη ΧΗΗΗΔΓIII



- starting point

The Marmor Parium

text structure

FGrHist 239 A (ll. 3-4) (first paragraph):

1 ἀφ' οὗ Κένδοψ Ἀθηνῶν ἐβασίλευσε, καὶ ἡ χώρα Κενδοπία ἐκλήθη τὸ
πρότερον καλου | μένη Ἀκτικὴ ἀπὸ Ἀκταίου τοῦ αὐτόχθονος, ἔτη ΧΗΗΗΔΓΙΙΙ



- starting point
- name of the Athenian king (or archon) and events

The Marmor Parium

text structure

FGrHist 239 A (ll. 3-4) (first paragraph):

1 ἀφ' οὗ Κένωψ Ἀθηνῶν ἐβασίλευσε, καὶ ἡ χώρα Κενωπία ἐκλήθη τὸ
πρότερον καλου | μένη Ἀκτικὴ ἀπὸ Ἀκταίου τοῦ αὐτόχθονος, ἔτη ΧΗΗΗΔΓIII



- starting point
- name of the Athenian king (or archon) and events
- number of years elapsing from 264/63 ($1318 = 1581/80$)

The Marmor Parium

text structure

FGrHist 239 A (ll. 62-64) (the battle of Marathon):

48 ἀφ' οὗ ἡ ἐμ Μαραθῶνι μάχη ἐγένετο Ἀθηναίοις ποὺς τοὺς Πέρσας
Ἀρ[ταφ]έ[ρνην τε τὸ]ν Δαρείου ἀδελφι | [δοῦν κα]ὶ [Δᾶ]τιν στρατηγόν, ἦν ἐνίκων
Ἀθηναῖοι, ἔτη ΗΗΔΔΓII, ἄρχοντος Ἀθήνησιν τ[ο]ῦ δευτέρου [Φ]α[ι]ν[ι]π[ίδ]ου·
ἥι ἐν μάχῃ συνηγωνίσατο Αἰσχύλος ὁ ποιητής, | [ἐ[τ]ῶ[ν] ὧν ΔΔΔΓ

The Marmor Parium

text structure

FGrHist 239 A (ll. 62-64) (the battle of Marathon):

48 ἀφ' οὐ νὴ ἐμ Μαραθῶνι μάχη ἐγένετο Ἀθηναίοις πρὸς τοὺς Πέρσας
Ἀρ[ταφ]έ[ροντ]ν τε τὸν Δαρείου ἀδελφοῦ | [δοῦν κα]ὶ [Δᾶ]τιν στρατηγόν, ἥν ἐνίκων
Ἀθηναῖοι, ἔτη ΗΗΔΔΓΠ, ἀρχοντος Ἀθήνησιν τ[ο]ῦ δευτέρου [Φ]α[ι]ν[ι]π[πίδ]ον·
ἥι ἐν μάχῃ συνηγωνίσατο Αἰσχύλος ὁ ποιητής, | [ἐ[τ]ῶ[ν]] ὧν ΔΔΔΓ



- starting point
- number of years elapsing from 264/63 (227 = 490/89)
- name of the Athenian archon

The Marmor Parium

text structure

FGrHist 239 A (ll. 62-64) (the battle of Marathon):

48 ἀφ' οὐ νὴ ἐμ Μαραθῶνι μάχη ἐγένετο Ἀθηναίοις πρὸς τοὺς Πέρσας
Ἀρ[ταφ]έ[ρην τε τὸ]ν Δαρείου ἀδελφοῦ | [δοῦν κα]ὶ [Δᾶ]τιν στρατηγόν, ἥν ἐνίκων
Ἀθηναῖοι, ἔτη ΗΗΔΔΓΠ, ἀρχοντος Ἀθήνησιν τ[ο]ῦ δευτέρου [Φ]α[ι]ν[ι]π[πίδ]ον·
ἥι ἐν μάχῃ συνηγωνίσατο Αἰσχύλος ὁ ποιητής, | [ἐ[τ]ῶν] ων ΔΔΔΓ



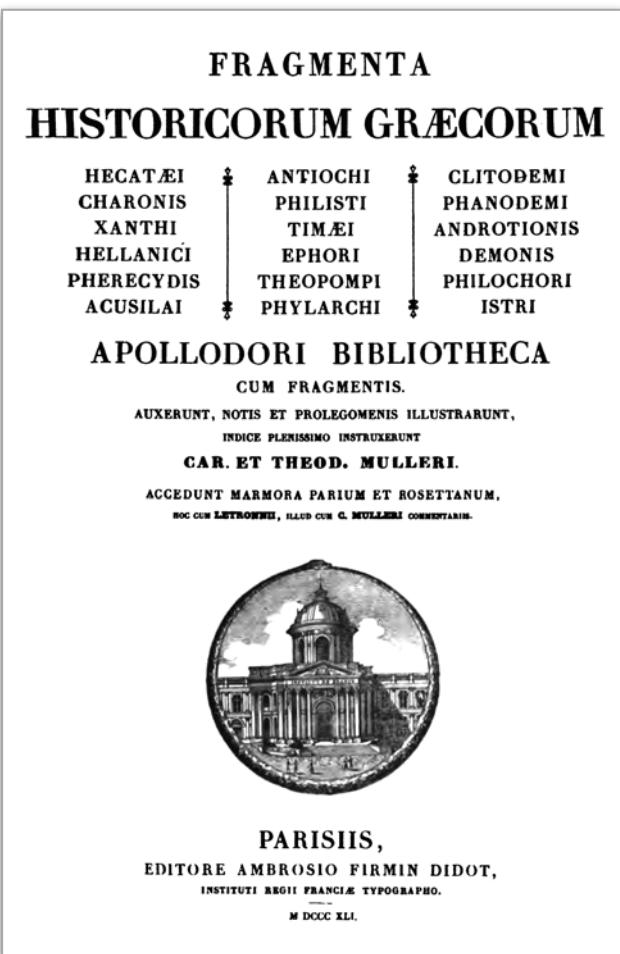
- starting point
- number of years elapsing from 264/63 (227 = 490/89)
- name of the Athenian archon
- age of Aeschylus when he fought at Marathon (35)

The Marmor Parium

issues

- the date of composition/publication is unknown (*264/63 terminus post quem*)
- the ultimate purpose of the Marmor Parium is unknown
- the original location of the Marmor Parium is unknown
- chronological issues:
 - use of different sources based on different lists of archons
 - shift from an exclusive to an inclusive counting (around ca. 400 BC)

Why the Digital Marmor Parium?



Digital Fragmenta Historicorum Graecorum (DFHG)

- digital edition of the *Fragmenta Historicorum Graecorum* (FHG) (1841-1870)
- vol. 1 includes also the text of the Marmor Parium



digital edition of the Marmor Parium

- fragmentary author/text (in the literal sense)
- digital representation of the document (material and textual elements)

A. Rotstein. *Literary History in the Parian Marble* (CHS) (forthcoming 2016): “The quantitative semantic analysis, as that of style, would benefit from digital encoding (e.g. using the Epidoc markup scheme)”.

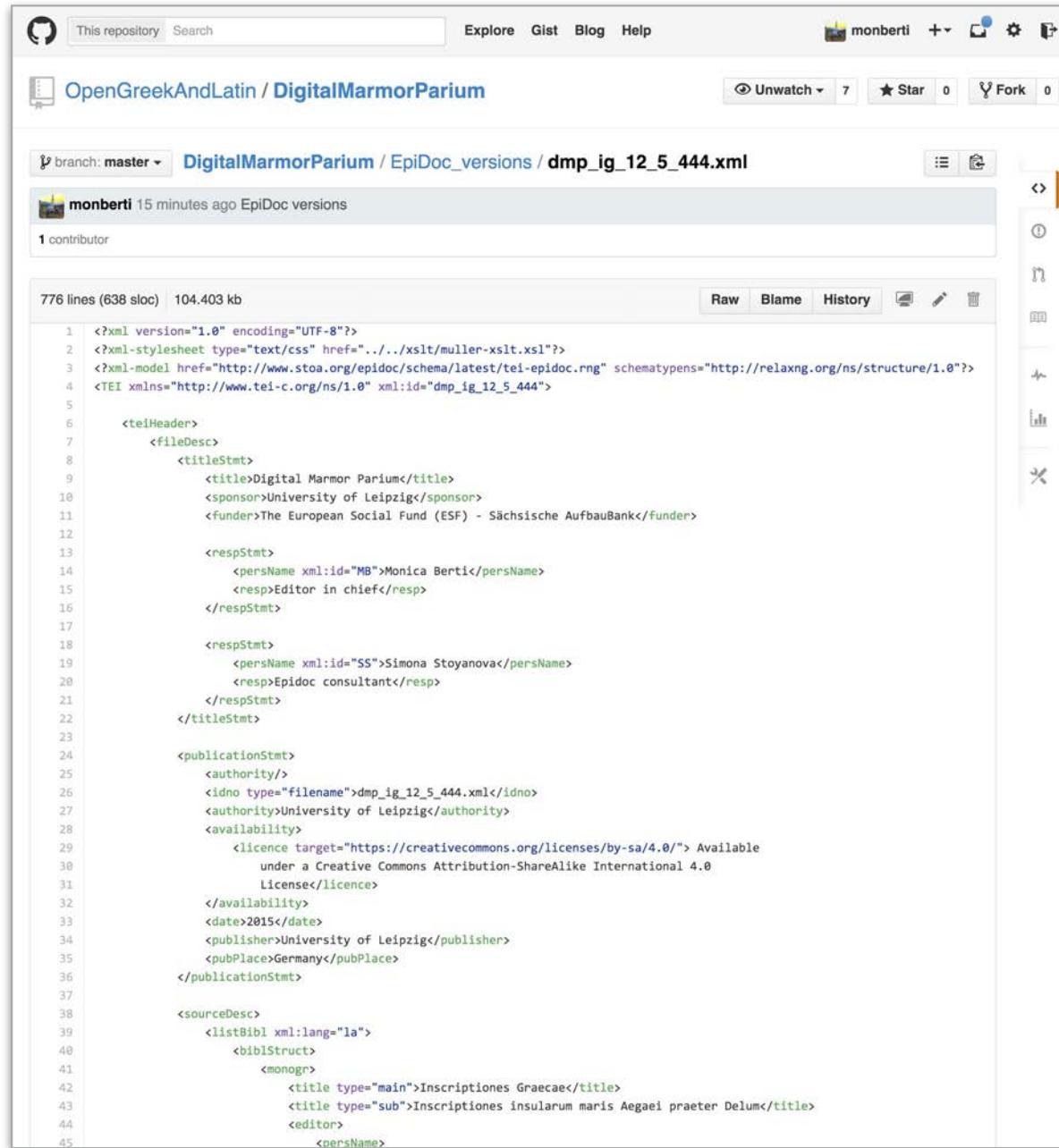
The Digital Marmor Parium

overview

- TEI XML/EpiDoc versions of the editions of the MP
- named entities annotations (people and places)
- the geography of the MP
- the chronology of the MP
- the language of the MP
- the images of the MP

The Digital Marmor Parium

EpiDoc versions



A screenshot of a GitHub repository page for "OpenGreekAndLatin / DigitalMarmorParium". The page shows a file named "dmp_ig_12_5_444.xml" in the "EpiDoc_versions" directory. The file is an EpiDoc XML document with 776 lines and 638 SLOC, totaling 104.403 kb. The XML code is displayed in a monospaced font, showing various EpiDoc elements like `<teiHeader>`, `<fileDesc>`, and `<publicationStmt>`. The GitHub interface includes a header with "Explore", "Gist", "Blog", and "Help" links, and a sidebar with navigation icons.

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        <funder>The European Social Fund (ESF) - Sächsische AufbauBank</funder>
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        <resp>Epidoc consultant</resp>
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              <title type="sub">Inscriptiones insularum maris Aegaei praeter Delum</title>
              <editor>
                <persName>
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The Digital Marmor Parium

EpiDoc versions

IG XII 5, 444 (ll. 61-65) (entries 46-49):

```
<seg type="entry" n="46">ἀφ' οὐ χοροὶ πρῶτον ἡγωνίσαντο ἀνδρῶν, ὃ <supplied reason="lost">τε</supplied> διδάξας  
<persName><name>'Υπό<supplied reason="lost">δι</supplied>κος</name> ὁ Χαλκιδεὺς<supplied reason="lost">ζ</supplied></persName>  
ἐνίκ<supplied reason="lost">α</supplied>, ἔτη <date rend="acrophonic" when="-0246">ΗΗΔΔΔΔ&#x10143;Ι</date>,  
ἄρχοντος <placeName>Αθήνησιν</placeName> <persName><name>Λυσαγόρου</name></persName>. </seg>  
  
<seg type="entry" n="47">ἀφ' οὐ <persName><name>Με<supplied reason="lost">λαν</supplied>ιππί<supplied reason="lost">δης</supplied></name>  
Μ<supplied reason="lost">ήλιος</supplied></persName>  
<lb n="62"/><supplied reason="lost">ἐνίκησ</supplied>εν <placeName>Αθήνησιν</placeName>, ἔτη <date rend="acrophonic" when="-0231">ΗΗΔΔΙ</date>,  
ἄρχοντος <placeName>Αθήνησι</placeName> <persName><name>Πιθοκρίτου</name></persName>. </seg>  
  
<seg type="entry" n="48">ἀφ' οὐ ή ἐμ <placeName>Μαραθῶνι</placeName> μάχη ἐγένετο Αθηναίοις πρὸς τοὺς Πέρσας  
<persName><name>'Ἀρ<supplied reason="lost">ταφ</supplied>έ<supplied reason="lost">ρνην</supplied></name>  
<supplied reason="lost">τε τὸ</supplied>ν <persName><name>Δαρείου</name></persName> ἀδελ<supplied reason="lost">φ</supplied>ι  
<lb n="63" break="no"/><supplied reason="lost">δοῦν</supplied></persName> <supplied reason="lost">κα</supplied>ὶ  
<persName><name><supplied reason="lost">Δᾶ</supplied>τιν</name> στρατηγόν</persName>,  
ἢν ἐνίκων Αθηναῖοι, ἔτη <date rend="acrophonic" when="-0227">ΗΗΔΔ&#x10143;ΙΙ</date>, ἄρχοντος <placeName>Αθήνησιν</placeName>  
<supplied reason="lost">τοῦ</supplied> δευτέρου  
<persName><name>Φα<supplied reason="lost">ιν</supplied>π<supplied reason="lost">που</supplied></name></persName>,  
ἢ εν μάχῃ συνηγωνίσατο <persName><name>Αἰσχύλος</name> ὁ ποιητὴς</persName> <supplied reason="lost">ε  
<lb n="64" break="no"/>τ</supplied>ῶ<supplied reason="lost">ν</supplied> ὕν <date rend="acrophonic" type="age" dur="P35Y">ΔΔΔ&#x10143;</date>. </seg>  
  
<seg type="entry" n="49">ἀφ' οὐ <persName><name>Σιμωνίδης</name> ὃ <persName><name>Σιμωνίδου</name></persName> πάππος τοῦ ποιητοῦ</persName>,  
ποιητὴς ὅν καὶ αὐτός, ἐνίκησεν <placeName><supplied reason="lost">Αθήνησι</supplied></placeName>, καὶ <persName><name>Δαρεῖος</name></persName>  
τελευτᾶι, <persName><name>Ξέρξης</name></persName> δὲ ὁ νιὸς βασιλεύει, ἔ<supplied reason="lost">τη</supplied>  
<lb n="65"/><date rend="acrophonic"><supplied reason="lost">ΗΗ</supplied>ΔΔ&#x10143;Ι</date>, <!-- [2]26 -->  
ἄρχοντος <placeName>Αθήνησι</placeName> <persName><name>Ἀριστείδου</name></persName>. </seg>
```

The Digital Marmor Parium

EpiDoc versions

IG XII 5, 444 (ll. 62-64) (entry 48):

48 ἀφ' οὗ ἡ ἐμ Μαραθῶνι μάχη ἐγένετο Ἀθηναίοις πρὸς τοὺς Πέρσας Ἀρ[ταφ]έ[ρνην τε τὸν Δαρείου ἀδελ[φ]ι | [δοῦν κα]ὶ [Δᾶ]τιν στρατηγόν, ἦν ἐνίκων Ἀθηναῖοι, ἔτη ΗΗΔΔΓII, ἀρχοντος Ἀθήνησιν [τοῦ δευτέρου [Φα]ιν[ί]π[που], ἦι ἐν μάχῃ συνηγωνίσατο Αἰσχύλος ὁ ποιητὴς [ἐ] | [τ]ῶ[ν] ὃν ΔΔΔΓ.

```
<seg type="entry" n="48">ἀφ' οὗ ἡ ἐμ <placeName>Μαραθῶνι</placeName> μάχη ἐγένετο Ἀθηναίοις πρὸς τοὺς Πέρσας  
<persName><name>Ἀρ<supplied reason="lost">ταφ</supplied>έ<supplied reason="lost">ρνην</supplied></name>  
<supplied reason="lost">τε τὸ</supplied>ν <persName><name>Δαρείου</name></persName> ἀδελ<supplied reason="lost">φ</supplied>ι  
<lb n="63" break="no"/><supplied reason="lost">δοῦν</supplied></persName> <supplied reason="lost">κα</supplied>ὶ  
<persName><name><supplied reason="lost">Δᾶ</supplied>τιν</name> στρατηγόν</persName>,  
ἥν ἐνίκων Ἀθηναῖοι, ἔτη <date rend="acrophonic" when="-0227">ΗΗΔΔ&#x10143;II</date>, ἀρχοντος <placeName>Ἀθήνησιν</placeName>  
<supplied reason="lost">τοῦ</supplied> δευτέρου  
<persName><name><supplied reason="lost">Φα</supplied>ιν<supplied reason="lost">ί</supplied>π<supplied reason="lost">που</supplied></name></persName>,  
ἥι ἐν μάχῃ συνηγωνίσατο <persName><name>Αἰσχύλος</name></persName> ὁ ποιητὴς</persName> <supplied reason="lost">ε  
<lb n="64" break="no"/>τ</supplied>ῶ<supplied reason="lost">ν</supplied> ὃν <date rend="acrophonic" type="age" dur="P35Y">ΔΔΔ&#x10143;</date>. </seg>
```

The Digital Marmor Parium

EpiDoc versions

IG XII 5, 444 (ll. 62-64) (entry 48):

48 ἀφ' οὗ ἡ ἐμ Μαραθῶνι μάχη ἐγένετο Ἀθηναίοις πρὸς τοὺς Πέρσας Ἀρ[ταφ]έ[ρνην τε τὸν Δαρείου ἀδελ[φ]ι | [δοῦν κα]ὶ [Δᾶ]τιν στρατηγόν, ἦν ἐνίκων Ἀθηναῖοι, ἔτη ΗΗΔΔΓII, ἀρχοντος Ἀθήνησιν [τοῦ δευτέρου [Φα]ιν[ί]π[που], ἦι ἐν μάχῃ συνηγωνίσατο Αἰσχύλος ὁ ποιητὴς [ἐ] | [τ]ῶ[ν] ὃν ΔΔΔΓ.

```
<seg type="entry" n="48">ἀφ' οὗ ἡ ἐμ Μαραθῶνι</placeName> μάχη ἐγένετο Ἀθηναίοις πρὸς τοὺς Πέρσας  
<persName><name>Ἀρ</name><supplied reason="lost">ταφ</supplied>έ</supplied reason="lost">ρνην</supplied></name>  
<supplied reason="lost">τε τὸ</supplied>ν <persName><name>Δαρείου</name></persName> ἀδελ<supplied reason="lost">φ</supplied>ι  
<lb n="63" break="no"/><supplied reason="lost">δοῦν</supplied></persName> <supplied reason="lost">κα</supplied>ὶ  
<persName><name><supplied reason="lost">Δᾶ</supplied>τιν</name> στρατηγόν</persName>,  
ἦν ἐνίκων Ἀθηναῖοι, ἔτη <date rend="acrophonic" when="-0227">ΗΗΔΔ&x10143;II</date>, ἀρχοντος <placeName>Ἀθήνησιν</placeName>  
<supplied reason="lost">τοῦ</supplied> δευτέρου  
<persName><name><supplied reason="lost">Φα</supplied>ιν</name><supplied reason="lost">ί</supplied>π</supplied reason="lost">που</supplied></name></persName>,  
ἦι ἐν μάχῃ συνηγωνίσατο <persName><name>Αἰσχύλος</name></persName> ὁ ποιητὴς</persName> <supplied reason="lost">ε  
<lb n="64" break="no"/>τ</supplied>ῶν</supplied reason="lost">ν</supplied> ὃν <date rend="acrophonic" type="age" dur="P35Y">ΔΔΔ&x10143;</date>. </seg>
```

- entry for each event

The Digital Marmor Parium

EpiDoc versions

IG XII 5, 444 (ll. 62-64) (entry 48):

48 ἀφ' οὗ ἡ ἐμ Μαραθῶνι μάχη ἐγένετο Ἀθηναίοις πρὸς τοὺς Πέρσας Ἀρ[ταφ]έ[ρνην τε τὸν Δαρείου ἀδελ[φ]ι | [δοῦν κα]ὶ [Δᾶ]τιν στρατηγόν, ἦν ἐνίκων Ἀθηναῖοι, ἔτη ΗΗΔΔΓII, ἀρχοντος Ἀθήνησιν [τοῦ δευτέρου [Φα]ιν[ί]π[που], ἦι ἐν μάχῃ συνηγωνίσατο Αἰσχύλος ὁ ποιητὴς [ἐ] | [τ]ῶ[ν] ὃν ΔΔΔΓ.

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<lb n="63" break="no"/><supplied reason="lost">δοῦν</supplied></persName> <supplied reason="lost">κα</supplied>ὶ  
<persName><name><supplied reason="lost">Δᾶ</supplied>τιν</name> στρατηγόν</persName>,  
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<persName><name><supplied reason="lost">Φα</supplied>ιν<supplied reason="lost">ί</supplied>π<supplied reason="lost">που</supplied></name></persName>,  
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```

- entry for each event
- place names

The Digital Marmor Parium

EpiDoc versions

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<lb n="64" break="no"/>τ</supplied>ῶ<supplied reason="lost">ν</supplied> ὃν <date rend="acrophonic" type="age" dur="P35Y">ΔΔΔ&#x10143;</date>. </seg>
```

- entry for each event
- place names
- people

The Digital Marmor Parium

EpiDoc versions

IG XII 5, 444 (ll. 62-64) (entry 48):

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<persName><name>Ἀρ<supplied reason="lost">ταφ</supplied>έ<supplied reason="lost">ρνην</supplied></name>  
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```

- entry for each event
- place names
- people
- dates

The Digital Marmor Parium

EpiDoc versions

Open questions

- Place names and Ethnics
 - Pleiades id
- Personal names and persons
 - Τριπτολέμου τοῦ Κελεοῦ καὶ Νεαίρας (l. 24 - ep. 12) - name of the father and the mother
 - Κριτίου τοῦ προτέρου (l. 52 - ep. 36) - how do we encode τοῦ προτέρου?
 - τῶν πεντήκοντα Δαναίδων (l. 14 - ep. 9) - collective nouns
 - SNAP (Standards for Networking Ancient Prosopographies)
- Dates and dating
 - two-component dating formula
 - years elapsing from 264/63 BC
 - king/archon of Athens - how do we encode the chronological information?
 - partially preserved/restored dates
 - @when not always possible
 - @evidence: recommended values?
- Critical Apparatus

The Digital Marmor Parium

named entities (people)

Standards for Networking Ancient Prosopographies

Data and Relations in Greco-roman Names
ANCIENT-PEOPLE LIST
PELAGIOS PROJECT
LAWDI
#SNAPDRGN TWITTER HASHTAG

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RECENT POSTS

State of the Snap-Nation
Minutes of second advisory board meeting
SNAP Persons (SNAIP)
Are you a prosopography?

ABOUT

The Standards for Networking Ancient Prosopographies: Data and Relations in Greco-Roman Names (hereafter SNAP:DRGN or SNAP) project aims to address the problem of linking together large collections of material (datasets) containing information about persons, names and person-like entities managed in heterogeneous systems and formats.

SNAP is funded by the Arts and Humanities Research Council (AHRC) under the Digital Transformations big data scheme. The Principal Investigator for SNAP is Gabriel Bodard (King's College London), Co-Investigators are Sebastian Rahtz (Oxford), Mark Depauw (Leuven), Leif Isaksen (Southampton) and Hugh Cayless (Duke), and the Technical Lead is K. Faith Lawrence (King's College London).

Bid Document

LEXICON OF GREEK PERSONAL NAMES

The Lexicon of Greek Personal Names (LGPN) was established to collect and publish all ancient Greek personal names, drawing on the full range of written sources from the 8th century B.C. down to the late Roman Empire.

- The project: the origin and purpose of LGPN.
- Publications: details of published volumes including name lists and statistics; forthcoming volumes, associated works.
- LGPN online:
 - Online facilities: [Name Search](#) over 35,000 published names; indexes and bibliographies of LGPN I-VA; [LGPN IIa](#): addenda, corrigenda, name indexes and statistics from revised LGPN II (version April 2007).
 - LGPN Database Search: conversion project using TEI-compliant XML.
 - LGPN Website Search
- Ancient Greek names: an introduction, including their formation and development, and our sources for them. We also have a little information about modern Greek names.
- Greek Names in English: routes taken from originally Greek names to the modern English
- Announcements: latest publication, new additions to the site, developments, news and events.
- Contact details: staff and the Advisory Committee.



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The Perseus Catalog

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Work Original Language
Edition or Translation Year Published
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The 'All Fields' search will query the full text of each catalog record and return results that are ranked by relevance. Frequently, your desired record may appear a few pages into the search results. To narrow your results you can use the 'Browse by' fields in the sidebar, or you can search using one of the additional search fields. For further details on the search field behaviors, please see [this page](#).

SNAP:DRGN <http://snapdrgn.net/>
LGPN: <http://clas-lgpn2.classics.ox.ac.uk/>
Perseus Catalog: <http://catalog.perseus.org/>

The Digital Marmor Parium

named entities (places)



RECOGITO

A. Rotstein (ZPE 190 (2014), p. 6): "Notwithstanding the constant presence of Athens in the dating formula closing all entries [...], the focus shifts from central Greece to the Mediterranean basin, further East with Alexander's campaigns, and back to the Eastern Mediterranean, with Syracuse and Carthage in the West".

The Digital Marmor Parium named entities (places)

Marmor Parium (264-263 BCE)						
#	Toponym	EGD Part	Tags	Auto Match	Corrected	Status
0	Αθηνῶν			dare:25114	pleiades:579885	✓
1	Πάρωι			pleiades:952063	pleiades:599868	✓
2	Αθηνησιν				pleiades:579885	✓
3	Αθηνῶν			dare:25114	pleiades:579885	✓
4	Κεκροπία			pleiades:614697	pleiades:579888	✓
5	Ἀκτική			pleiades:511170	pleiades:579888	✓
6	Παρνασσόν			pleiades:619235	pleiades:541012	✓
7	Λυκωρείαι			pleiades:543770		✓
8	Αθηνῶν			dare:25114	pleiades:579885	✓
9	Αθήνησιν				pleiades:579885	✓
10	Άρειος Πάγος			pleiades:550765		⚠
11	Αθηνῶν			dare:25114	pleiades:579885	✓
12	Λυκωρείας			pleiades:543770		✓
13	Αθήνας			pleiades:579885		✓
14	τοῦ Διός το[ο] [Ολ...			pleiades:550516		⚠
15	Αθηνῶν			dare:25114	pleiades:579885	✓
16	Θερμοπύλαις				pleiades:541140	✓
17	Αθηνῶν			dare:25114	pleiades:579885	✓
18	Φθιημώδος			pleiades:541137	pleiades:541052	✓
19	Αθηνῶν			dare:25114	pleiades:579885	✓
20	Θήβας			pleiades:541138		✓
21	Αθηνῶν			dare:25114	pleiades:579885	✓
22	Θηβῶν			pleiades:39409	pleiades:541138	✓
23	Λακωνικῆς			pleiades:570407	pleiades:570406	✓
24	Αθηνῶν			dare:25114	pleiades:579885	✓
25	Αιγύπτου			pleiades:1001943	pleiades:766	✓
26	Ἐλλάδα			pleiades:599933	pleiades:1001896	✓
27	Λίνδωι			pleiades:589913		✓
28	Τροδίας			pleiades:442753	pleiades:590031	✓
29	Αθηνῶν			dare:25114	pleiades:579885	✓
30	Κυβέλοις					⚠
31	Κ[ε]α[ι]ναῖς			pleiades:543779	pleiades:638751	✓
32	Φρεγιας			pleiades:413248	pleiades:609502	✓
33	Αθηνῶν			dare:25114	pleiades:579885	✓
34	[Κρήτης]			pleiades:1001897	pleiades:589748	✓
35	Κνωσόν			pleiades:589872		✓
36	Κυδωνίαν			pleiades:606322	pleiades:589886	✓
37	Ἰδηί			dare:39181	pleiades:589816	✓
38	Αθηνῶν			dare:25114	pleiades:579885	✓
39	Αθήνας			pleiades:579885		✓
40	Αθήνησιν				pleiades:579885	✓
41	Ταρίαι καλουμένη...			pleiades:579920	pleiades:579920	✓

The Digital Marmor Parium

named entities (places)

Marmor Parium (264-263 BCE)

Text Geo-Resolution Document Stats

Completeness 100.00% complete

256 place names tagged
252 verified
4 not located
100.00 % complete (total vs. in progress)
98.44 % geo-resolved (not located vs. verified)

Contributors 3 contributing users

monica.berti		501 Edits
brady		40 Edits
rainer		2 Edits

Unidentifiable Toponyms 4 toponyms could not be located

Ἄρειος Πάγος	No Suitable Gazetteer URI	1
τοῦ Διό[ς τ]ο[ύ] [Ολυμπίου τό ίερ]όν	No Suitable Gazetteer URI	1
Κυβέλοις	Not Identifiable	1
Ἀρεί[ω] Πάγωι	No Suitable Gazetteer URI	1

Referenced Places 86 unique places in document

Place	Category	Names in Document	# References
Athenae	Settlement	[Αθή]νησι (1), Αθήνησι (1), Αθήνησι (1), Αθηνῶν (1), Αθήνησι (1), Αθήνησι (1), Αθήνας (3), [Αθήνη]σιν (1), Αθηνῶν (30), Αθήνησιν (1), Αθήνησι (35), Αθήνησιν (1), Αθήνησις (1), Αθηνῶν (1), Αθήνησι (2), δαστεί ¹ (1), Αθηνησι (1), Αθήνησιν (42)	125
Macedonia		Μακεδόνων (4), Μακεδονίας (1), Μακεδονίαν (1)	6
Syracusae/Syrakousai	Settlement	Συρακού[σσας] (1), Συρακούσσαις (1), Συρακουσών (2), [Συρακουσών] (1)	5
Delphi	Settlement	Δελφοίς (2), Πυθίας (1), Δελφούς (1), Δελφοῖς (1)	5
Aegyptus		Αιγύπτο[υ] (1), Αιγύπτου (2), Αιγύπτον (1)	4
Thebai/Thebae	Settlement	Θή[β]ας (1), Θήβας (1), Θηβῶν (1), Θήβαι (1)	4
Cyprus Ins.	Feature	Κύπρον (1), Κύπρωι (1), νήσου (1), Κύπρου (1)	4
Sicilia		[Σ]ικελίαι (1), Σικελίαν (1), Σικελίας (1)	3
Eleusis	Settlement	Ἐλευσίνι (2), Ραρίαι καλουμένη Ἐλευσίνι (1)	3
Attica		Κεκροπία (1), Αττικήν (1), Ακτική (1)	3
Asia	Region	Ασίαν (3)	3
Hellas	Region	Ἑλλάδα (3)	3

Automatic Annotation Performance

NER Precision		Nan%
NER Recall		0.00%
Geo-Resolution Precision		8.21%
Geo-Resolution Recall		6.35%

The Digital Marmor Parium

the chronology

1581 B.C.

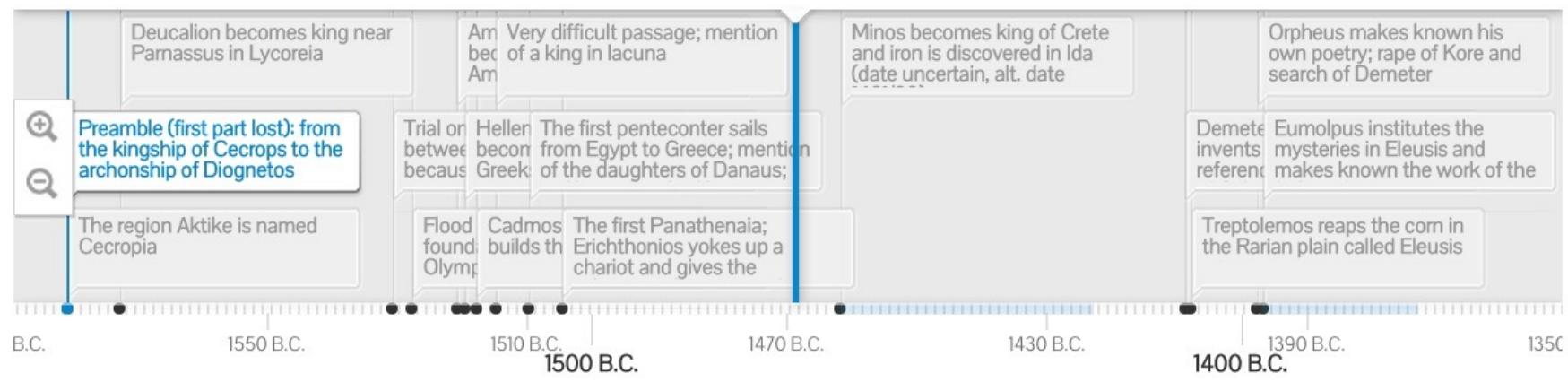
Preamble (first part lost): from the kingship of Cecrops to the archonship of Diognetus

.....ου [.... {² nomen auctoris}² ἐκ συγγραμμάτω]ν(?) παν[τοί]ων — — — — νων(?) ἀνέγραψα τοὺς ἀν— — — — —
ἀρξάμ[εν]ος ἀπὸ Κέκροπος τοῦ πρώτου βασιλεύσαντος Ἀθηνῶν
εἴως ἄρχοντος ἐμ Πάρωι [μὲν {² lacuna?}²] [...]υάνακτος, Ἀθήνησιν
δὲ Διογνήτου (Kingship of Cecrops)



1581 B.C.

The region Aktike
is named Cecropia



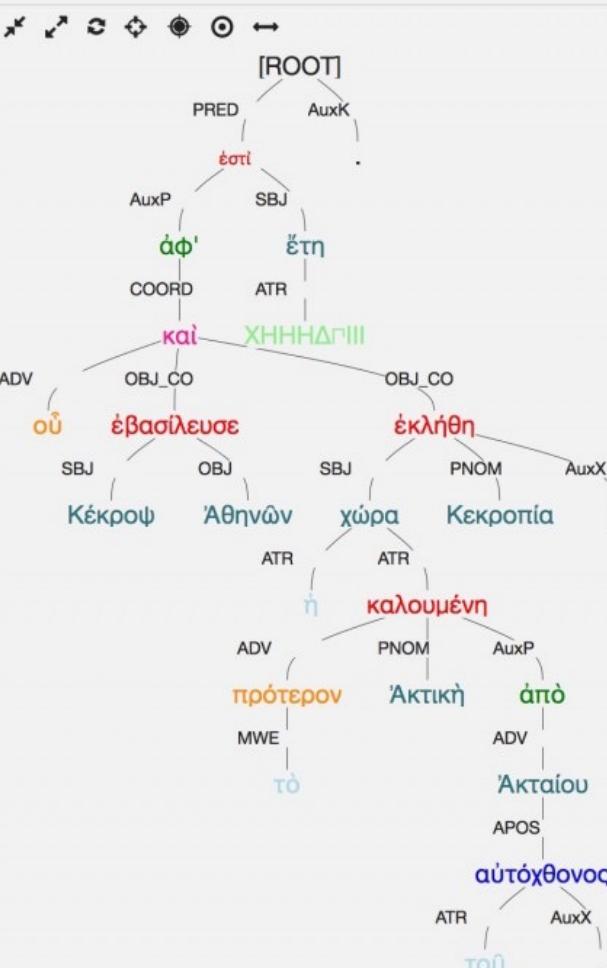
The Digital Marmor Parium

the language

Search for documents  2 3 4 5

ἀφ' οὐ Κέκροψ Ἀθηνῶν ἐβασίλευσε καὶ ἡ χώρα Κεκροπία ἐκλήθη , τὸ πρότερον καλουμένη Ἀκτικὴ ἀπὸ Ἀκταίου τοῦ αὐτόχθονος , ἔτη ἐστὶ ΧΗΗΗΔΡΙΙΙ .

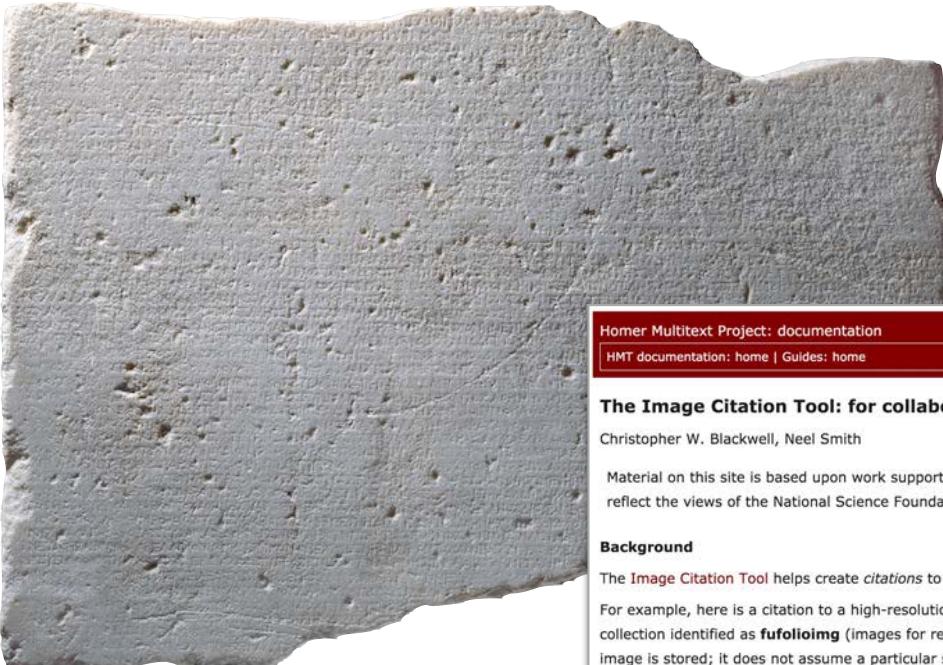
0 of 24 unused



```
graph TD; [ROOT] -- PRED --> éstl; [ROOT] -- AuxK --> ; éstl -- AuxP --> áph; éstl -- SBJ --> étē; áph -- COORD --> kai; áph -- ADV --> ou; kai -- OBJ_CO --> ébasileusse; kai -- OBJ_CO --> eklethi; ébasileusse -- SBJ --> Kekrops; ébasileusse -- OBJ --> Athenow; eklethi -- SBJ --> chora; eklethi -- PNOM --> Kekropia; eklethi -- AuxX --> ; ébasileusse -- ATR --> ; chora -- ATR --> ; chora -- ATR --> kaloumeni; kaloumeni -- ADV --> proteron; kaloumeni -- MWE --> to; kaloumeni -- PNOM --> Akteikhe; kaloumeni -- AuxP --> apo; apo -- ADV --> Aktaio; apo -- APOS --> autokthonos; autokthonos -- ATR --> tou; autokthonos -- AuxX --> ;
```

The Digital Marmor Parium

the images



Homer Multitext Project: documentation

HMT documentation: home | Guides: home

The Image Citation Tool: for collaborative image-based scholarship

Christopher W. Blackwell, Neel Smith

Material on this site is based upon work supported by the National Science Foundation under Grants No. IIS-0535003, 0916148, 0916421, and EAGER-1041949. Any opinions, findings reflect the views of the National Science Foundation (NSF).

Background

The Image Citation Tool helps create *citations* to images. Like citations to text, an image-citation can point to a whole image (cp. 'Homer, *Iliad*', or to a specific part of an image (cp. 'H. For example, here is a citation to a high-resolution, full-color digital image of page 12 of the St. Chad Gospel from Lichfield Cathedral: [urn:cite:folioimg:ChadRGB.Chad012](#). The collection identified as **folioimg** (images for research based at Furman University's Department of Classics); the image in the group **ChadRGB**, and the particular image has an ID **Chad012**; it does not assume a particular scale.

With a citation to a book, you can go to a library, whose staff will let you retrieve the book. Any given library might have the book in hardback, in paperback, or in an electronic edition. offer the image in various formats. The Image Citation Tool is designed to work with images in a particular digital library, whose services can deliver images in particular ways. The tool the library that has a copy of the image, and the format in which the library will deliver the image. The Image Citation Tool can create two kinds of links for the citation [urn:cite:folioimg:ChadRGB.Chad012](#) saved and used like any image file. The second kind of link leads to a dynamic view of the high-resolution image, which a user can zoom and pan to explore the image in a browser.

An image-citation can be more specific, pointing not to the whole image, but to a region-of-interest (**ROI**) on an image. This is what the Image Citation Tool is mainly designed to encourage. E.g. the URN of the image ([urn:cite:folioimg:ChadRGB.Chad012](#)) suffixed by four numbers (0.135,0.19,0.1567,0.0388) representing the left, top, width, and height of the ROI, as per rectangle that shows the word '*bonum*'.

The Image Citation Tool lets users draw rectangles on images, automatically generating a URN citation to that region-of-interest, and links that will deliver the ROI as a cropped JPG, or

Using the Image Citation Tool

The The Image Citation Tool supplements the CITE Image Service, which in turn is part of the digital library infrastructure of the Homer Multitext (HMT), a project of the Center for Hellenic Studies. Christopher Blackwell and Neel Smith are its Project Architects. The CITE Infrastructure allows discovery, retrieval, and linking of objects, images, and texts in a networked digital library.

Why to Use the Image Citation Tool

Problem: You are having a conversation by e-mail about a digital image. You want to make a point about a particular feature on the image—a word written on a manuscript page, a lead you 'quote' from the larger image when making an argument in writing?

Solution:

- 'You can see the Latin word *bonum* in St. Chad's Gospel that I am talking about [here](#).'
- 'This is the leaf of the *Hamamelis virginiana* L. that is preserved on folio 4 of Mark Catesby's *H.S.* 212.'

How to use the Image Citation Tool

The Image Citation Tool is [here](#).



Alexander von Humboldt
Stiftung / Foundation