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PELAGIOS: LINKING THE PLACES OF OUR PAST

STM INNOVATION SEMINAR.
LONDON, DECEMBER 5, 2018



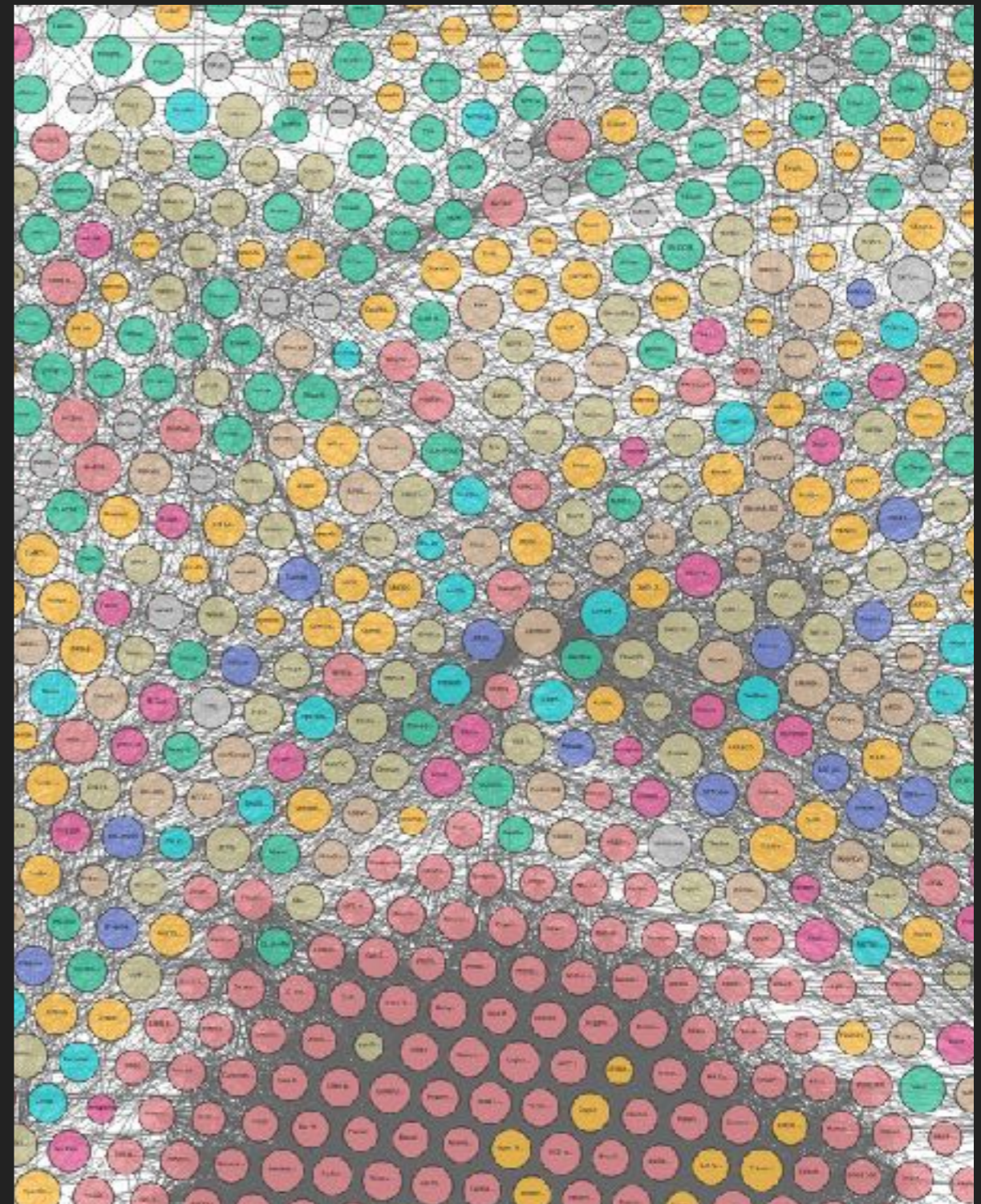


INTRODUCING PELAGIOS AND HISTORICAL LINKED OPEN GEO-DATA

commons.pelagios.org

WHAT ARE LINKED OPEN DATA?

- ▶ Information about various topics (ENTITIES), expressed in a formal language (RDF) using controlled vocabularies (ONTOLOGIES and TAXONOMIES) to define categories and relationships. This language is both human and machine readable. If the entities are associated to unambiguous identifiers, machines can discover and visualise connections with other datasets, expressed in the same format



WHY LINKED OPEN DATA?

- ▶ More data!
- ▶ Connected data (serendipity and discovery)
- ▶ Multiple perspectives (disciplines, backgrounds, cultural identities)
- ▶ Further data processing
- ▶ Data reuse (sustainability)

LINKING THE PLACES OF OUR PAST

PELAGIOS' PERIPLEO

OR WHAT HAPPENS WHEN YOU START LINKING HISTORICAL DATA ON A MAP



Peripleo[™] is a search engine to data maintained by partners of [Pelagios Commons](#), a Digital Humanities initiative aiming to foster better linkages between online resources documenting the past.



Partners & Data Sources

Below is an alphabetical list of all partners whose data is currently indexed by Peripleo.

[American Numismatic Society](#) [MANTIS: A Numismatic Technologies Integration Service](#)

[ARCHER | Archives](#) [Archives of the American Numismatic Society](#)

[Beta Maṣāḥəft](#) [The project Beta maṣāḥəft: Manuscripts of Ethiopia and Eritrea \(Schriftkultur des ...](#)

[Beta Maṣāḥəft Places](#)

[China Historical GIS](#) [A free database of placenames and historical administrative units for the Chi...](#)

[Coin Hoards of the Roman Republic](#) [Coin Hoards of the Roman Republic \(CHRR\) is an actively u...](#)

[Coinage of the Roman Republic Online](#) [An online type corpus based upon the numbering system...](#)

[Coptic SCRIPTORIUM Dataset](#) [Coptic SCRIPTORIUM ANNIS queries for geographic entities.](#)

[Digital Atlas of the Roman Empire](#)

[Digitizing Early Farming Cultures](#) [Digitizing Early Farming Cultures \(DEFC\) provides standardized ...](#)

[DINAA](#)

[Epigraphic Database Heidelberg](#) [The Epigraphic Database Heidelberg contains the texts of Latin ...](#)

[Europeana Network of Ancient Greek and Latin Epigraphy \(EAGLE\)](#) [A dataset of annotated inscri...](#)

[Fasti Online](#) [A database of archaeological excavations undertaken across the Classical World sin...](#)

[finds.org.uk](#) [Pleiades annotations for data contained within the Portable Antiquities Scheme \(mos...](#)

[geonames](#)

[Heritage Gazetteer of Cyprus](#)

[Heritage Gazetteer of Libya](#) [The aim of the Heritage Gazetteer of Libya is to record, and to provid...](#)

[iDAI](#)

[Inscriptions of Ancient Sicily](#) [A digital corpus of the inscriptions of ancient Sicily](#)

[MoEML](#) [GeoJSON version of the Map of Early Modern London Gazetteer, generated from SVN re...](#)

[nomisma](#)

[Nomisma.org Partner Objects](#) [Pleiades annotations relating to coins of Nomisma.org partners, m...](#)

[Online Coins of the Roman Empire](#) [A corpus of coin types from the Roman Empire, from Augustu...](#)

[Open Context](#) [Publication and exhibition of open research data and media from archaeology and ...](#)


[Pelagios 3](#) [Sample documents from the Pelagios 3 research project.](#)

[PELLA](#) [PELLA is a coin type corpus of Macedonian kings of the 4th and 3rd centuries \(c. 300-310 B.C.\)](#)

LINKING THE PLACES OF OUR PAST

BETA Taranto ✕

64 results ⌵



vic.org

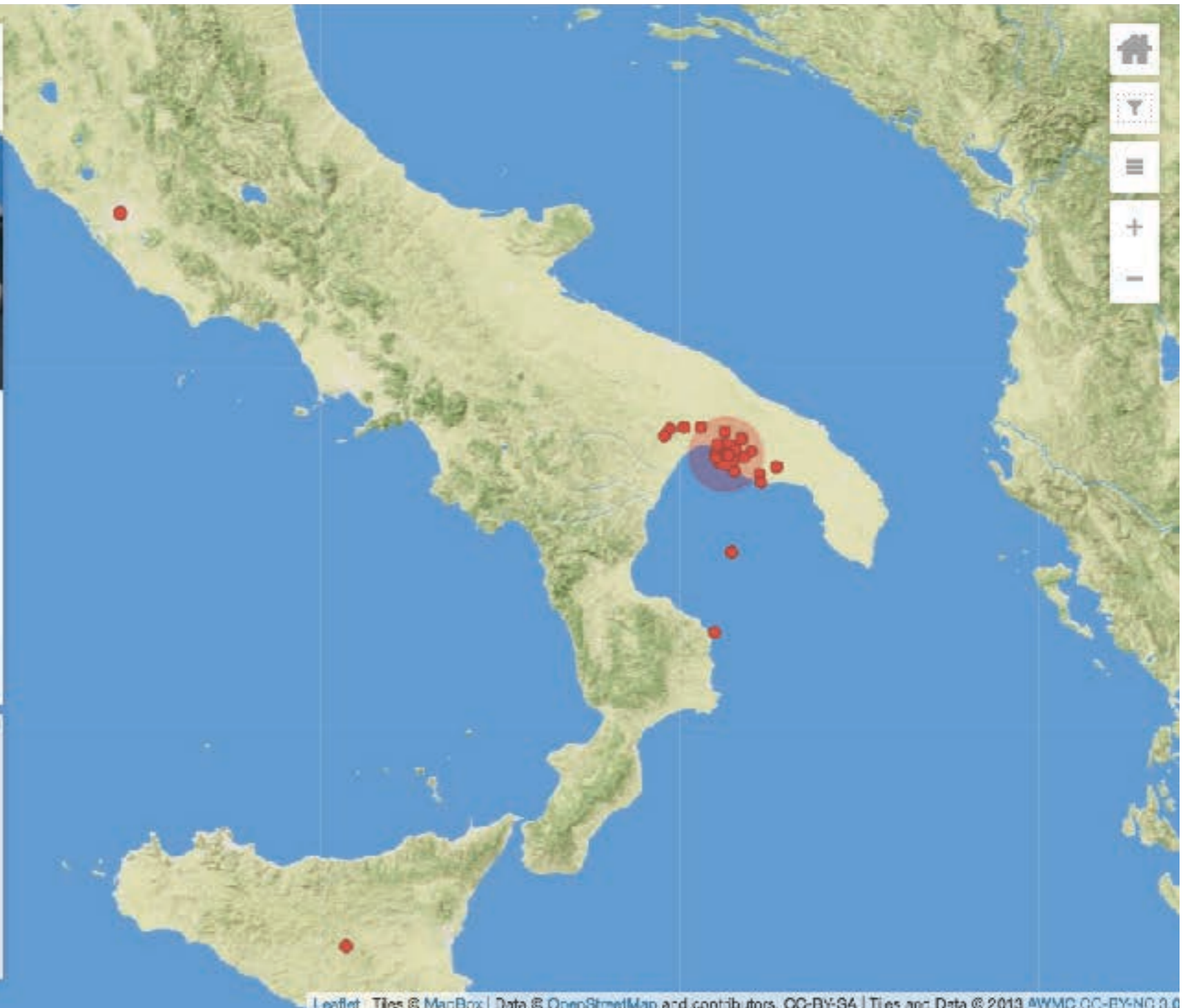
Taranto
Τάρων, Taras, Tarentum, Neptunia, Sebaste, Taranto, Tarent, Tarento, تارانتو, Tarente, ターラント, Таранто, ...
750 BC - 640 AD
A Greek colonial city founded in 706 B.C. pleiades.stoe.org

[data:16562](#) [nomisma:taras](#) [pleiades:442810](#) 3 more ⌵

964 items link here • 692 related places

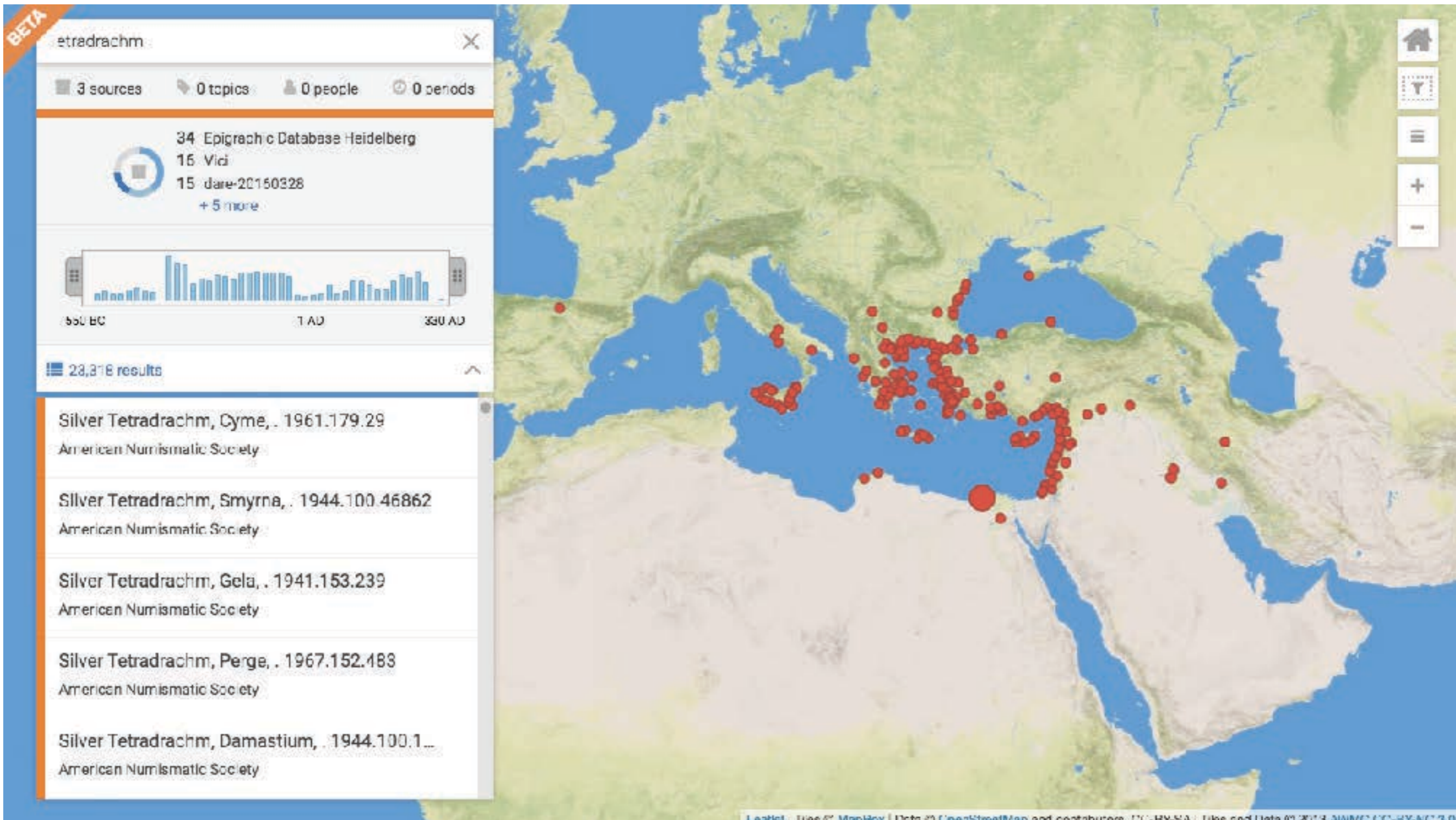
Taranto
D N P D T V
A Greek colonial city founded in 706 B.C.
750 BC - 640 AD

Masseria Caronella, Taranto
D V
Ancient villa, modern Masseria Caronella. comune Taranto, ...



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LINKING THE PLACES OF OUR PAST



LINKING THE PLACES OF OUR PAST

BETA Tetrachrom

1 sources 0 topics 0 people 0 periods


34 Epigraphic Database Heidelberg
16 Vici
15 dare-20160328
+ 5 more



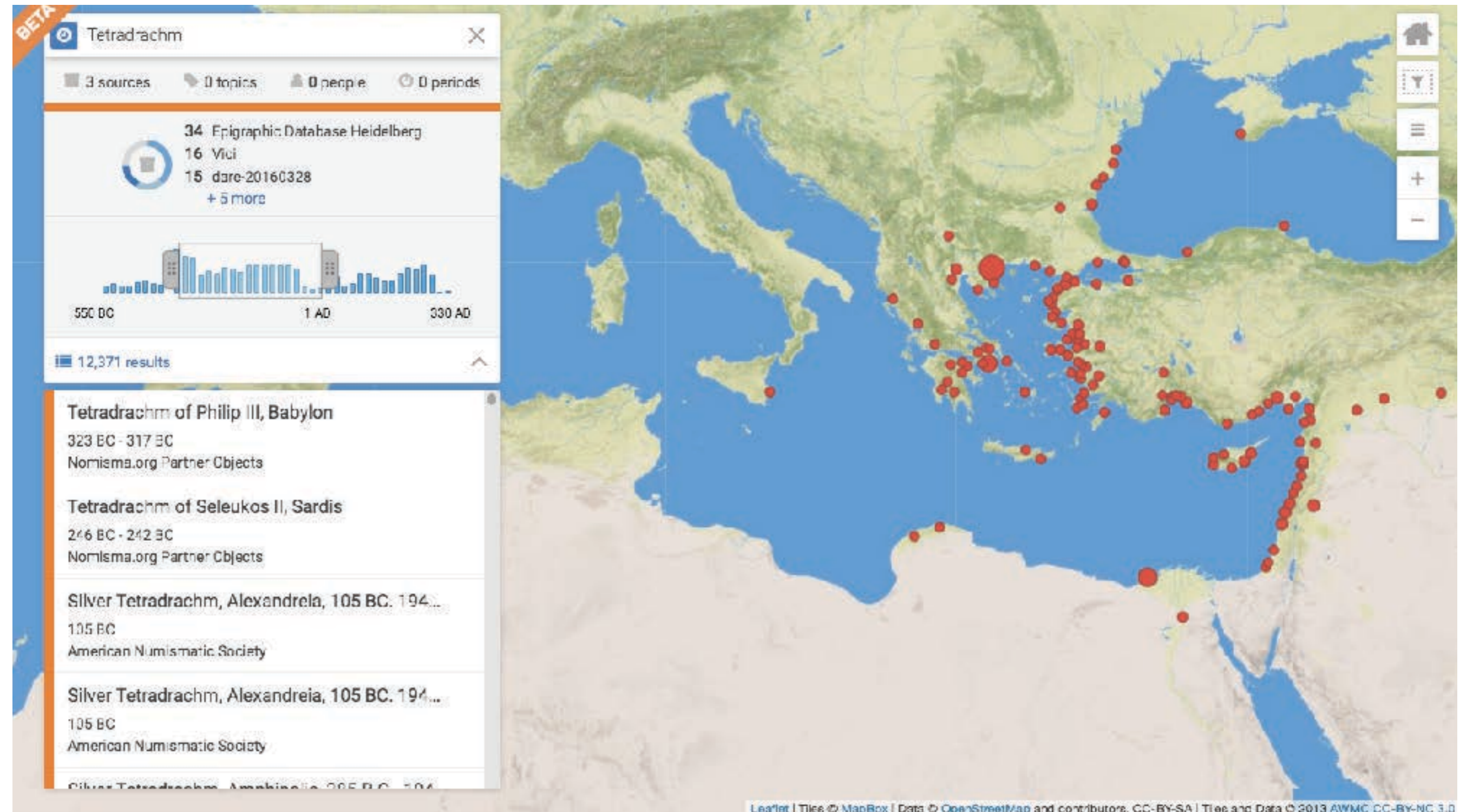
550 BC 1 AD 300 AD

991 results

- Silver Tetrachrom, Catana, 460 BC. 1997.50.1
460 BC
American Numismatic Society
- Steel Tetrachrom, Sybaris, 510 BC. 2000.17...
510 BC
American Numismatic Society
- Steel Tetrachrom, Sybaris, 510 BC. 2000.17...
510 BC
American Numismatic Society
- Silver Tetrachrom, Therma, 500 BC - 480 BC...
500 BC - 480 BC
American Numismatic Society
- Silver Tetrachrom, Cyrene, 460 BC - 440 BC



LINKING THE PLACES OF OUR PAST



LINKING THE PLACES OF OUR PAST

Objects crocodiles



1 results



Pelagios 3 Sample Documents

Herodotus: The Histories

<http://recogito.pelagios.org/document/tjrrsqn4dwmgep>

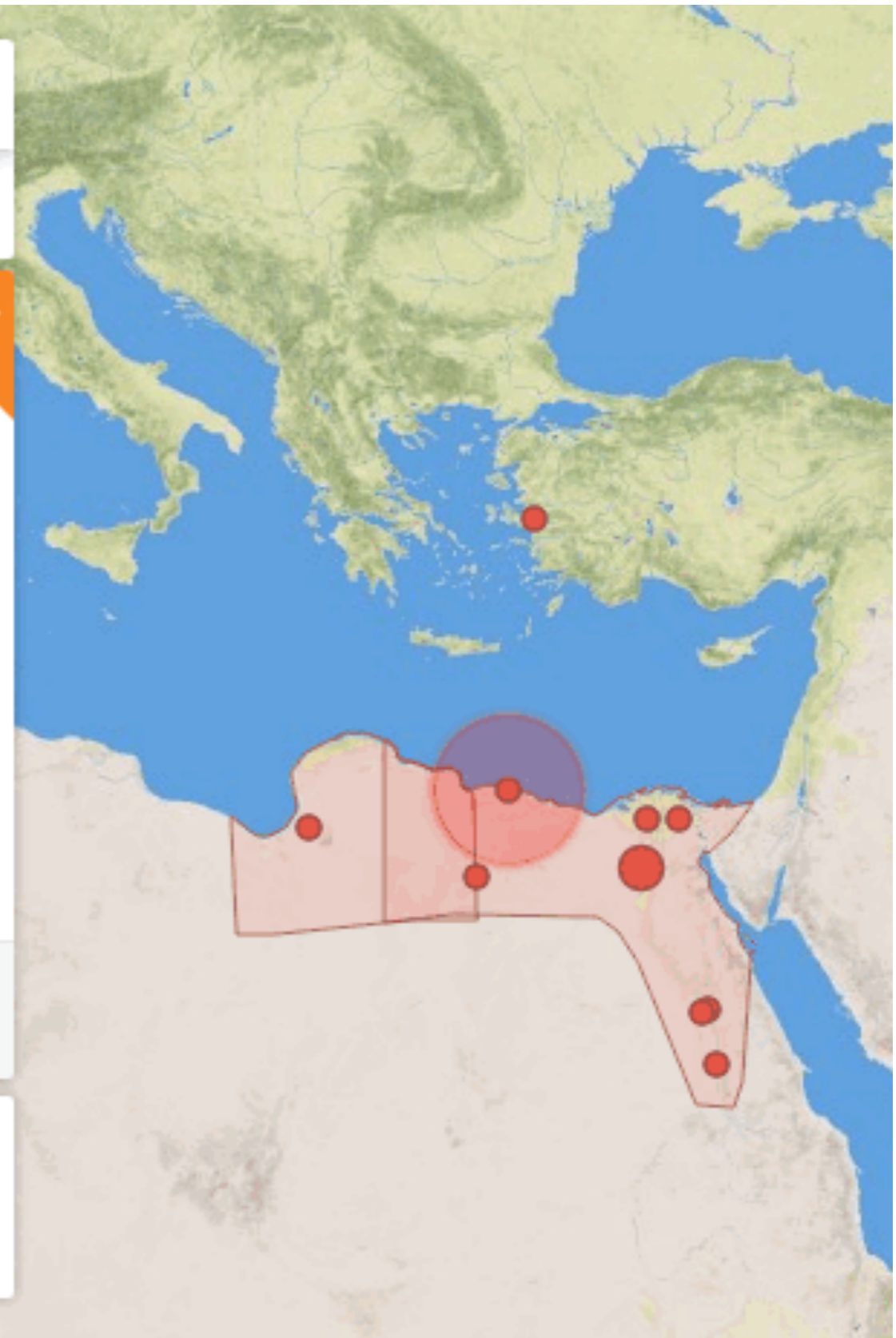
land crocodiles sixty inches long, very like lizards, and ostriches and little one-horned serpents; all these beasts besides those that are elsewhere too, except deer and wild boar; of these two kinds there are none at all in

From: recogito.pelagios.org

© Libya

Herodotus: The Histories

Pelagios 3 Sample Documents



PELAGIOS' RECOGITO

OR MAKING SEMANTIC ANNOTATIONS THE EASY WAY

Semantic Annotation without the pointy brackets

Work on texts and images. Identify and mark named entities. Use your data in other tools or connect to other data on the Web.

Without the need to learn code.

[Learn More](#)

Register for Recogito

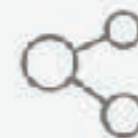
Agree to our [Terms and Conditions of Use](#) and the storage of your E-Mail address.

News:

Recogito in your language



Thanks to the efforts of our fantastic community, Recogito is becoming available in more and more languages. Is your browser set to Dutch, French, German, Greek or Italian? Much of Recogito will now come in proper translation. Farsi, Hebrew and Turkish are in the works, too. And you can help! [Drop us a note](#). Visit our [translation sheet](#). Fill some blanks in your language, or add a new one.



LINKING THE PLACES OF OUR PAST

vvitale
Joined on 10 Sep 2016

ibn Battuta Travels (1).txt

Logged in as

ANNOTATION MODE: NORMAL QUICK+ RELATIONS COLOUR: BY ENTITY TYPE BY VERIFICATION STATUS BY FIRST TAG

From Qusantinah we reached Bona [Bone] where, after staying in the town for several days, we left the merchants of our party on account of the dangers of the road, while we pursued our journey with the utmost speed. I was again attacked by fever, so I tied myself in the saddle with a turban-cloth in case I should fall by reason of my weakness. So great was my fear that I could not dismount until we arrived at **Tunis**.

Ibn Battuta and his party arrive at **Tunis**

The population of the city came out to meet me as no one there was known to me. They realized the cause of my distress and I was taken to the Sultan's palace. The Sultan of **Tunis** at that time was **Abu Bakr**. He stayed with me during the festival of the Breaking of the Fast. He celebrated the festival, making a banquet for his relatives, courtiers, and officers of his army. After the people returned to their homes.

Ibn Battuta leaves **Tunis** with the caravan of pilgrims. Some time later the pilgrim caravan for the **Hajj** was formed, and they nominated me as their **qadi** [judge]. We left **Tunis** early in **November [1325]**, following the coast road through **Susa Sfax**, and **Qabis**, where we stayed for ten days on account of incessant rains. Thence we set out for **Tripoli**, accompanied for several stages by a hundred or more horsemen as well as a detachment of archers, out of respect for whom the Arabs [brigands] kept their distance.

Place

Person

Event

Tunes
Coordinates: 31.5235
Tunes was a Libyan city in Africa proconsularis.
Tṭūn, Tunes, Tynēs
330 BC - 640

vvitale about a month ago

Add a comment...

Add tag...

Cancel OK & Next OK

LINKING THE PLACES OF OUR PAST

vitala
Joined on 10 Sep 2016

Logged in as

Damascus

...not forced to any action that might injure their self-respect. When I came to Damascus a firm friendship sprang up between the Malikiite professor Nur ad-Din Sakhawi...

1 OF 22 ANNOTATIONS [JUMP TO TEXT](#)

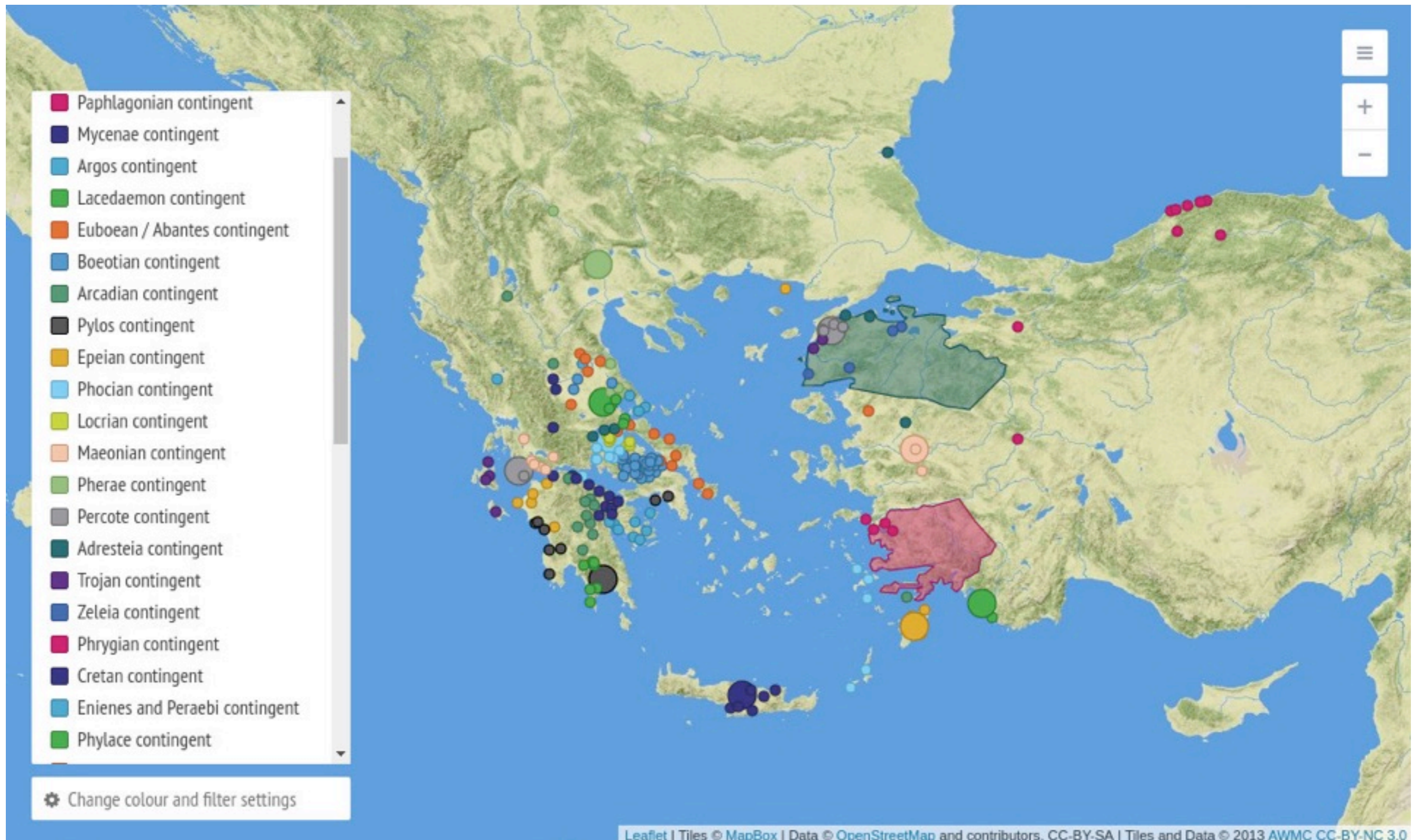
pleiades
678106

Damascus
The ancient city of Damascus, located in modern Syria, with some 1...
1344 BC - 2000

[Change colour and filter settings](#)

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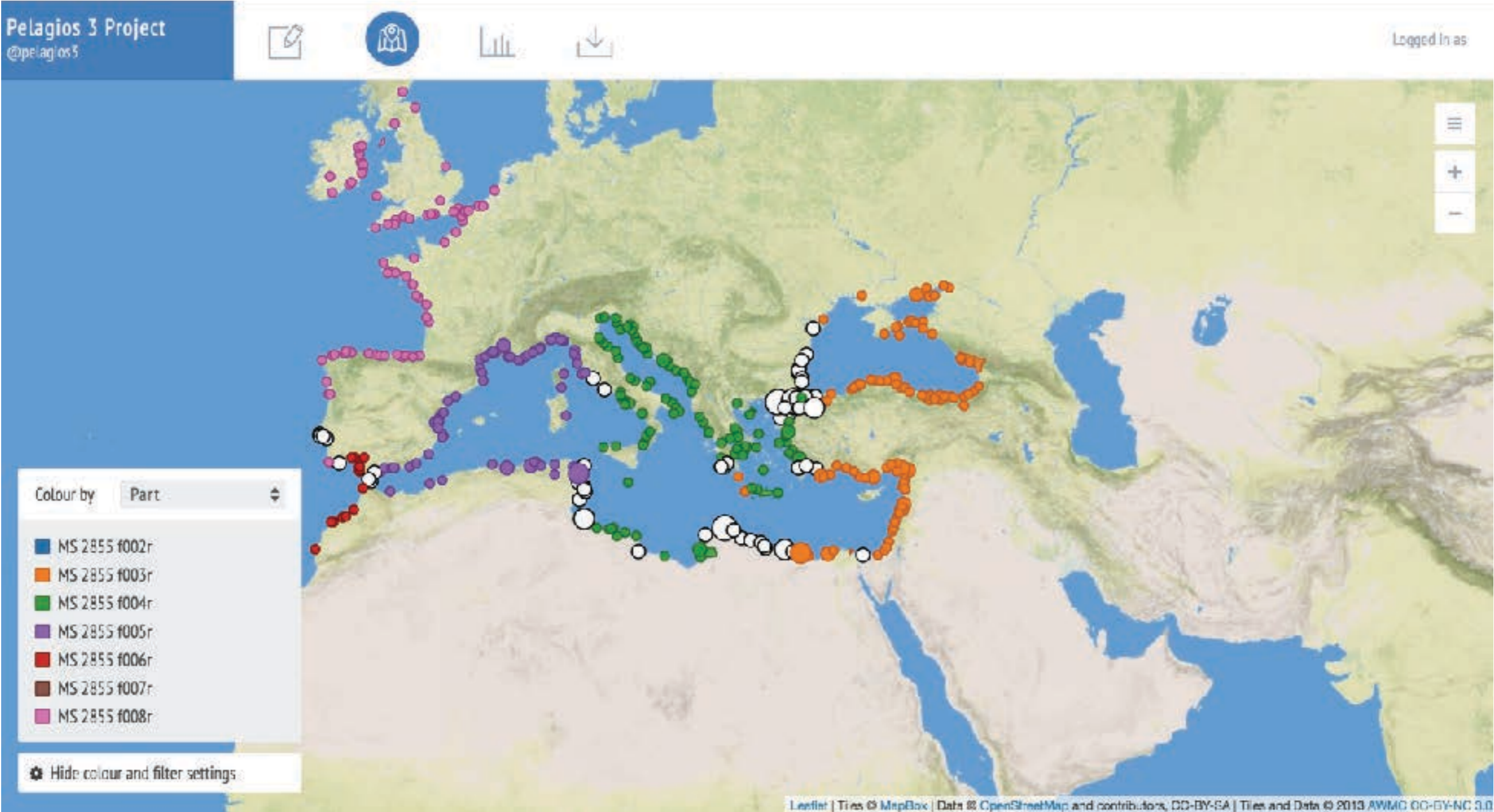
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LINKING THE PLACES OF OUR PAST



LINKING THE PLACES OF OUR PAST

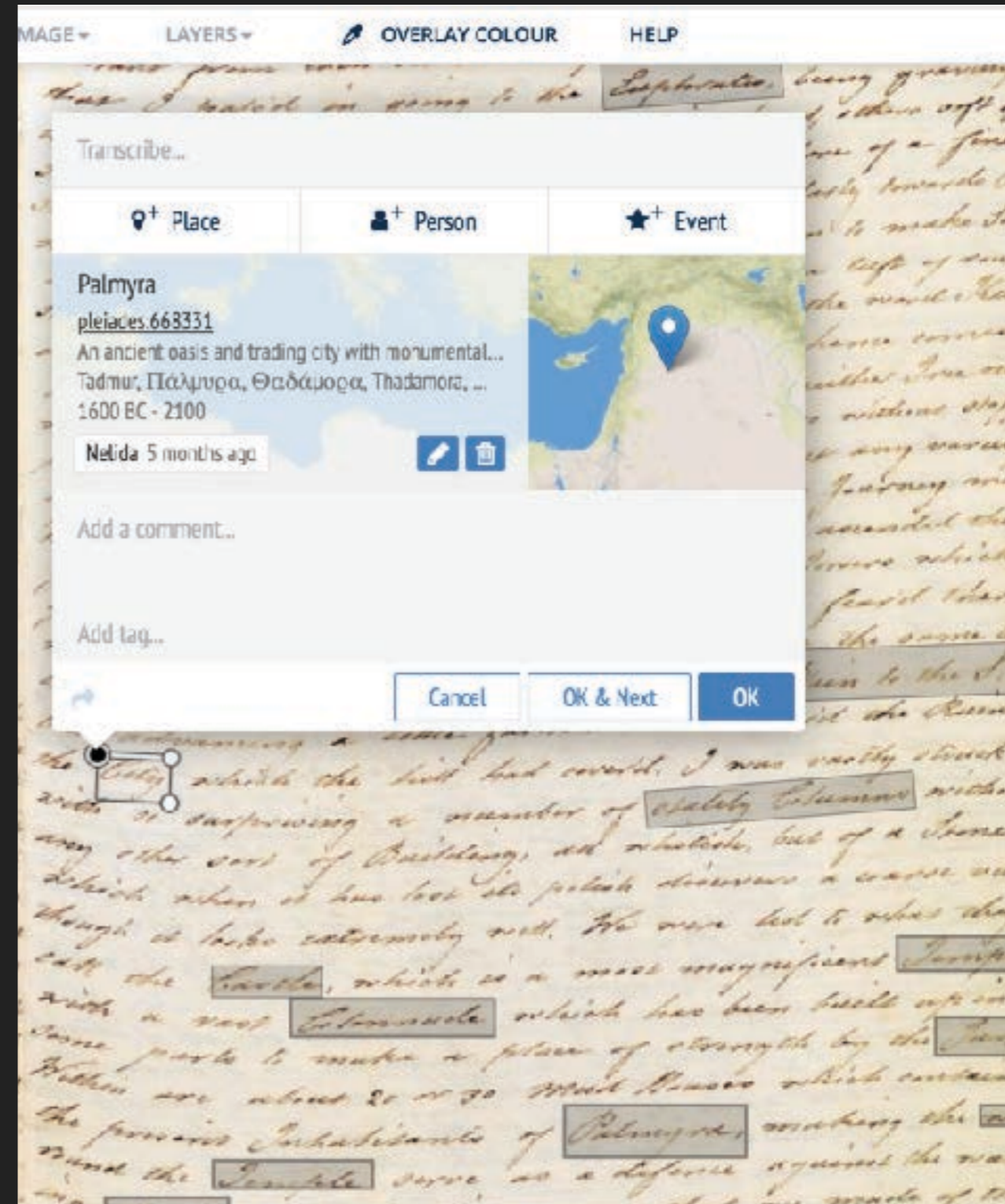


PELAGIOS COMMONS

- ▶ Networking
- ▶ Encouraging collaboration with other projects
- ▶ Discussing, consolidating and supporting best practice
- ▶ Small grants funding scheme (sponsored by the A. W. Mellon Foundation)
- ▶ Participate to the activities of the wider community of Linked Pasts

WHAT HAS THE COMMUNITY DONE WITH OUR TOOLS?

- ▶ Analysing historical texts from spatial perspectives,
- ▶ Annotating, comparing and geo-referencing maps,
- ▶ Teaching,
- ▶ Training NER algorithms,
- ▶ Annotating complex, multi-layered images,
- ▶ Crowd-annotation events for libraries.



SOME OF THE INITIATIVES WE SUPPORTED

More at: commons.pelagios.org/resource-development-grants/

- ▶ New historical gazetteers (Kima, Croala, LatAm, OttRec),
- ▶ Classical World Vector Tiles,
- ▶ Discussing new standards and guidelines (Linked Places format, Urban Gazetteers, Linked Texts recommendations),
- ▶ Collaborations with other projects (Syriaca, Chronicles of Galāwandawos),
- ▶ Making resources more accessible to non-anglo users (Pelagios al Sur, CALCS, Multilingualism WG), Recogito interface translation sprint.



Maps of Roman Iberia from the Itiner-e project

WHAT'S THE FUTURE OF PELAGIOS?

- ▶ Pelagios Association: January 2019.
- ▶ Documentation of our tools.
- ▶ Documentation of workflows, involving other tools and software.
- ▶ Creation of digital “packages” to run events, workshops, teaching modules.
- ▶ Sustainability by collaboration.

THANK YOU

commons.pelagios.org
recogito.pelagios.org
peripleo.pelagios.org

valeria.vitale@sas.ac.uk



How can Pelagios Commons help me?

Chandia

Add transcription

Red

Comment

Link data

skyphos

1422 BC 1 AD 19th AD

1422 BC 1 AD 19th AD

1422 BC 1 AD 19th AD

1422 BC 1 AD 19th AD

Show all results (241)

Explore data

Join the community