

Linking Data About the Past Through Geography

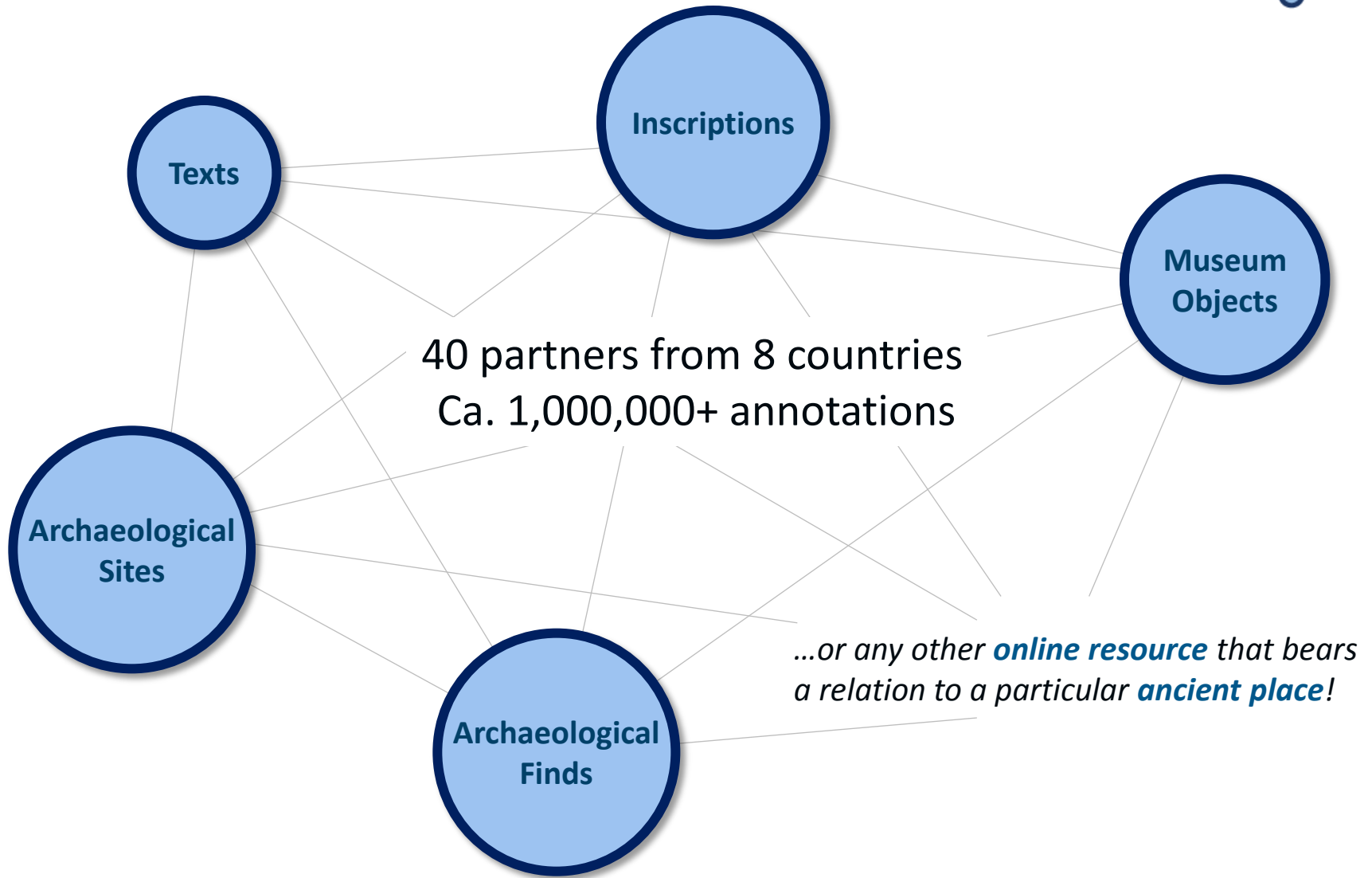
Pelagios, Peripleo & Recogito

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Leif Isaksen, *University of Lancaster*

Pau de Soto, *University of Southampton*

Elton Barker, *The Open University*



Pelagios is not... | One Ring to Rule them All



- Not a data aggregator
- Not a repository
- Not a standard data model

Connectivity through *common references* rather than a *common schema*

How? | Don't Unify the Model – Annotate!



Google books interface showing a search for "Herodotus, tr., with notes, by W. Beloe". The interface includes a search bar, navigation tabs (Bücher, etc.), and a list of search results. The first result is "Herodotus, tr., with notes, by W. Beloe" with a rating of 0 reviews and a "Suche" button.

The main content area displays a preview of the book, showing text from Herodotus' Histories. The text is in Latin and discusses Spartan education and customs. The preview is split into two columns, with the right column being the active view.

Annotations (yellow sticky notes) are placed over the text:

- Top right: "pleiades: 570685"
- Bottom left: "pleiades: 579885"

The text visible in the preview includes:

poemans which usually distinguish a female education, they accustomed themselves to manly exercises; to running, wrestling, throwing the dart or quait; having the emulation to contend with men at their own arts, and to bear them company in the same paths of glory. I cannot help presuming, with respect to the dunes as well as the men of Sparta, that it must have been something innate, something beyond the power of education, custom, or example, which constitutes the wonderful difference we discern in them, compared with all other women. Can it then be a matter of wonder, that the Spartan females claimed extraordinary privileges at home, and more extensive power in the government of their families. Lycurgus disliked that excessive authority, which the women had usurped, and attempted to reform it, and to restore to the husband the usual and proper authority in his own house; but in vain: a convincing argument, that if the women had not of themselves been inclined to his laws of female education, they would have paid them neither attention nor obedience. War, then, and conquest, with the endurance of fatigue, were the principal objects which the Spartans had in view. Learning, and the study of letters, of arts and sciences, to which their neighbours the Athenians were devoted, were in no repute among them. Hence it has been observed, that the former made the better figure in war, the latter in peace.—See Valerius Maximus, l. ii. c. 6. Egregios virtutis bellicae spiritus Lacedaemoniorum, prudentissimae pacis moribus Athenienses subsequuntur.

And this was unquestionably true, since we are assured, that although the most rigorous care was taken to keep their youth constantly to their exercises, their men of mature years were permitted to live just as they pleased; they followed no employment, they disdained industry and honest labour, and were indeed forbidden to pursue any art, which was accounted illiberal; even husbandry, and the management and culture of their fields, were considered beneath the spirit of study that they were to their education.

been their prince, must know what measures they are likely to pursue."

CCXXXV. "Since, Sir," answered Demaratus, "you place a confidence in my opinion, it is proper that I should speak to you from the best of my judgment: I would therefore recommend you to send a fleet of three hundred vessels to the coast of Lacedaemonia. Contiguous to this is an island named Cythera, of which Chilon, the wisest of our countrymen, of such a measure as I now propose. From this island your troops will be able to terror over Sparta. The removal of their assisting power will be of great service to you."

of rhetoric at Rome, assigned this reason: "adulescentulos totos dies desiderare;" for the philosophers were banished, among whom in the reign of Domitian.—See Aulus Gellius, l. x. c. 1.

I have little to say on the religion of the Spartans. The object of their worship seems to have been fixed by them as well as by the Athenians, in the system of politics which their respective constitutions had established. Solon, intent upon promoting the glory of his country, presented the GREAT GODDESS of Athens, holding in her right hand the scepter of Minerva, styling her the goddess of arts and manufactures, and training up the Spartans to the discipline of the same goddess in armour, called her the Goddess of Battle (Παρθενος και χαλκιστοφ. Lysist. ad finem. She was styled Lysisther because her temple was of brass, or built by fugitives from Chalcis in Euboea. Also, Castor and Pollux, were for similar reasons, in the Fasti of the Spartans; and I presume Theology be capable of being reduced to settled rules, it will be best explained for by supposing the religion of every country or people to be a mixture of worship, of politics, and that their idols were representations of natural causes, named and habited according to their different tempers and genius of those who

The Essential Ingredient | URI Gazetteers



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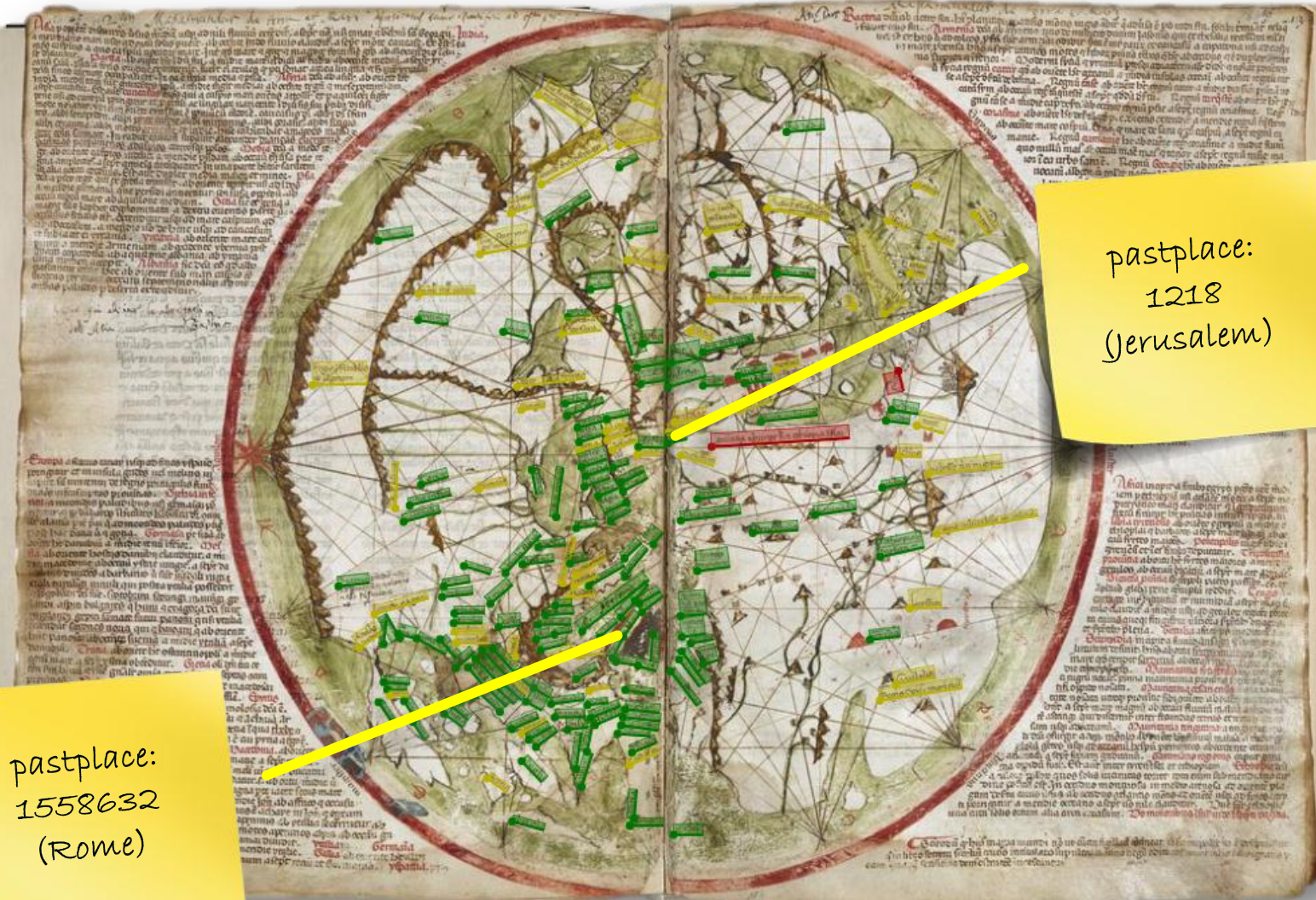
News

Draft "How-to" for Review: Add Better Coordinates to an Existing Place
Mar 24, 2011

Mapping aggregations of roughly located places
Mar 12, 2011

Navigating name

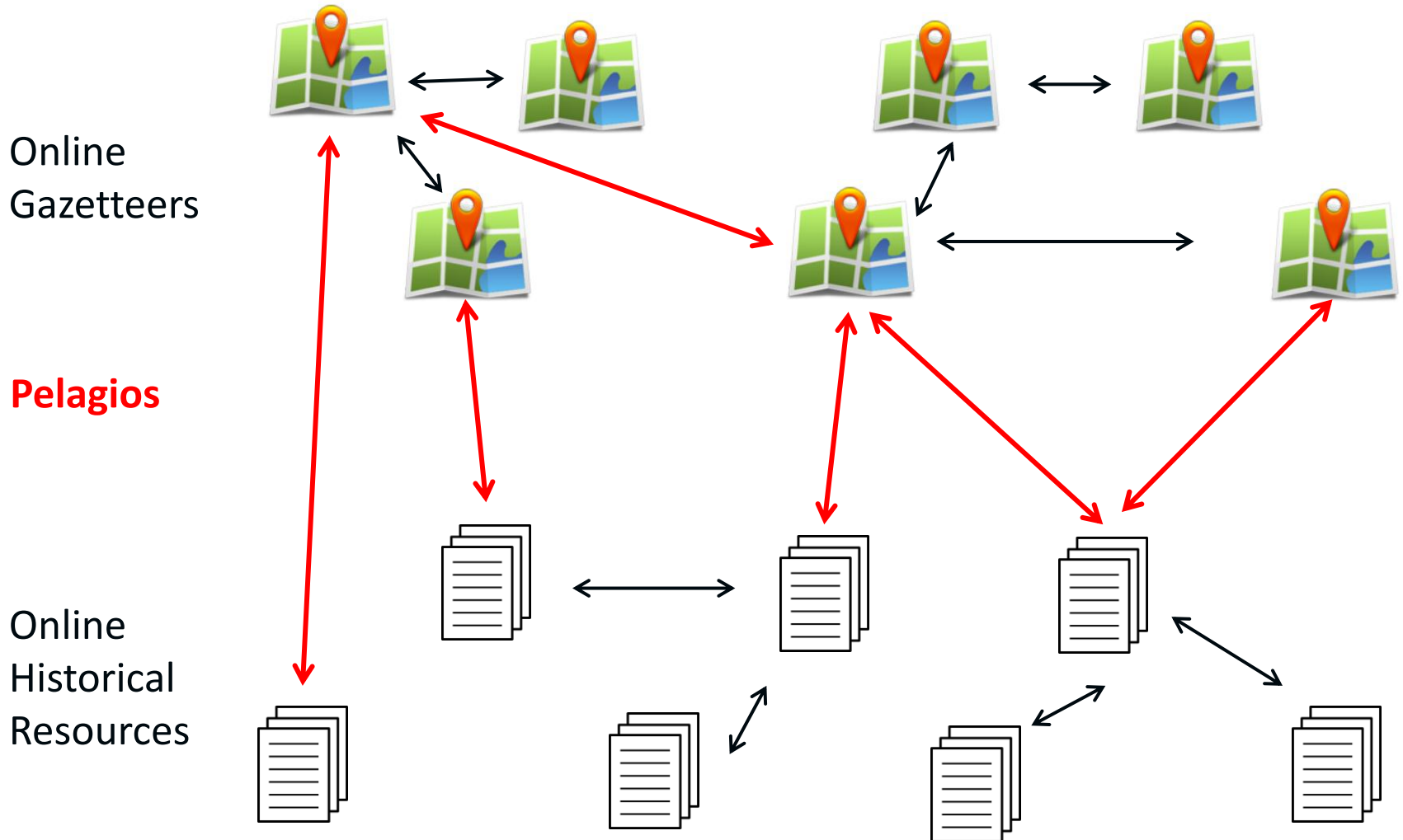
How? | Don't Unify the Model – Annotate!



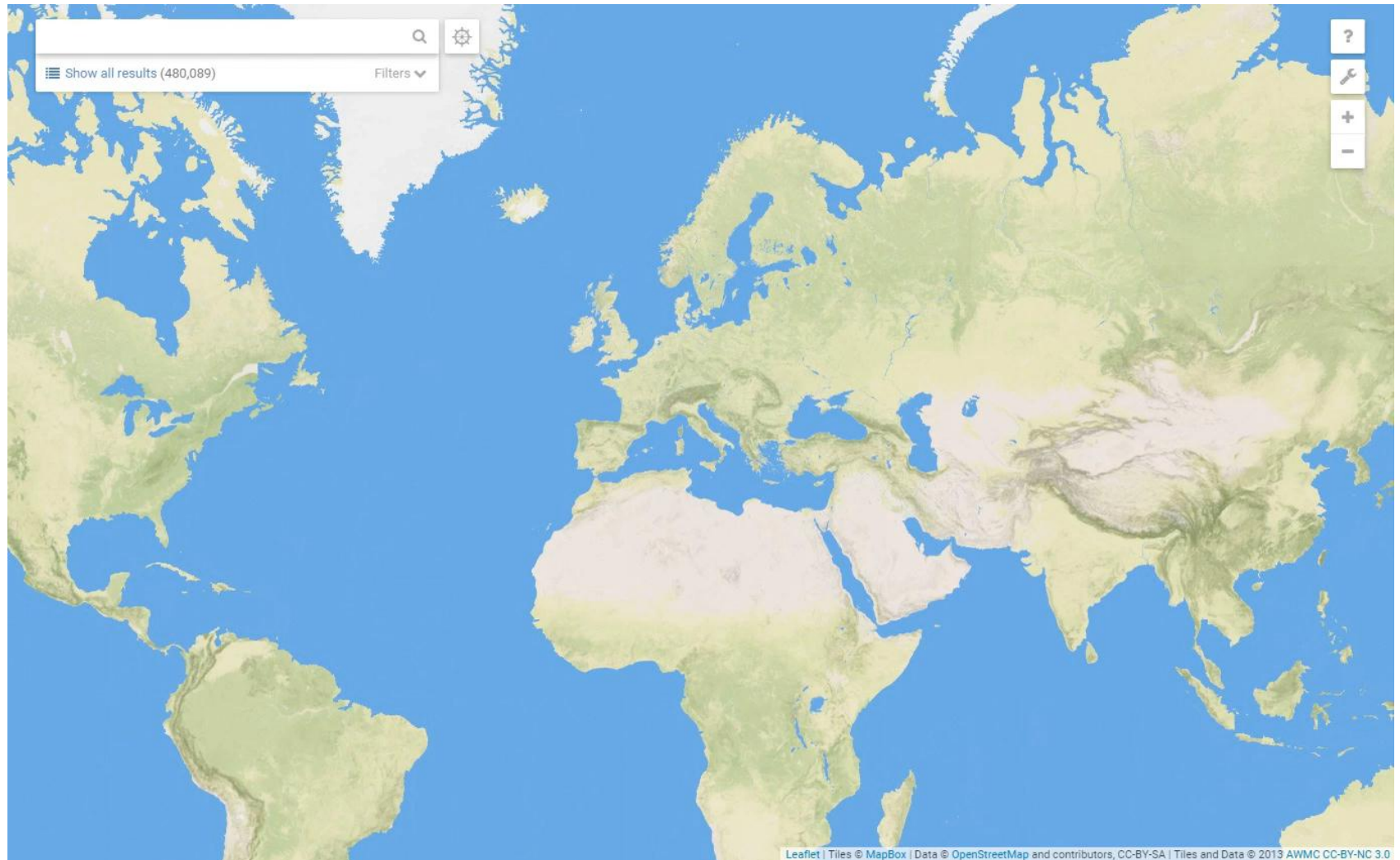
pastplace:
1218
(Jerusalem)

pastplace:
1558632
(Rome)

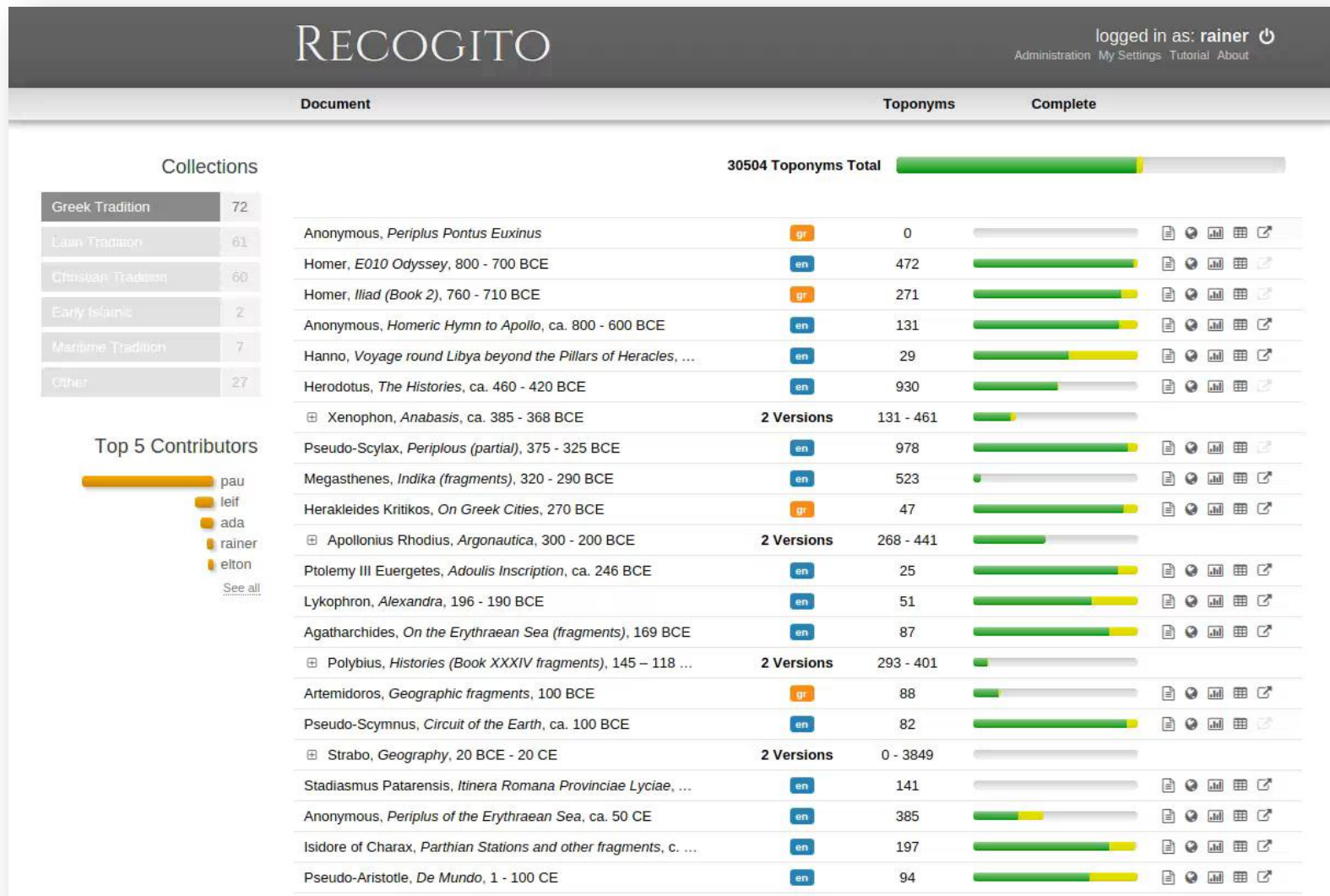
Pelagios | Connecting Knowledge Domains



Peripleo | Navigating Heterogeneous Data

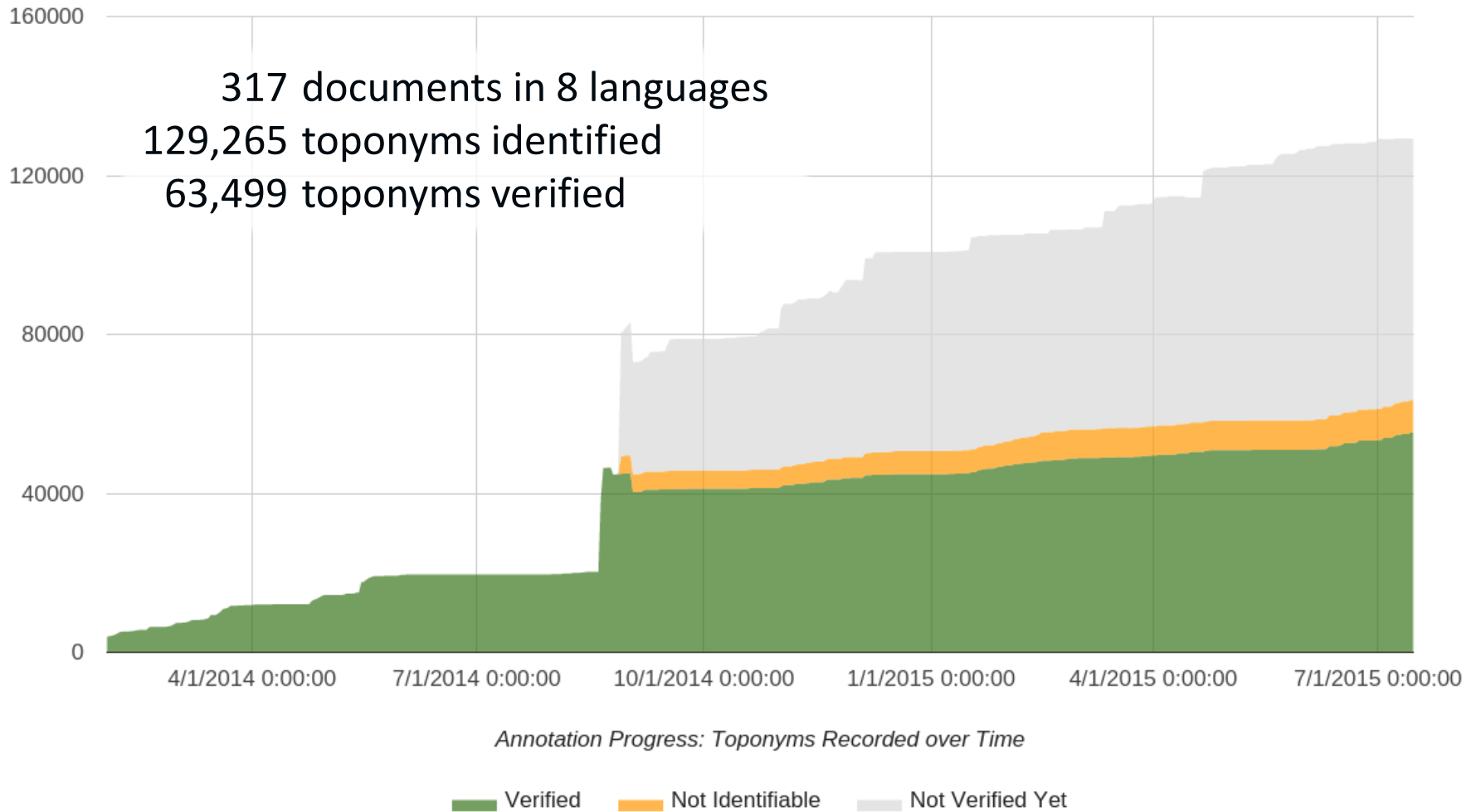


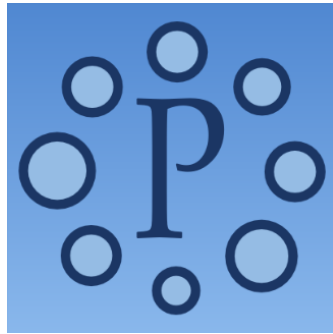
Recogito Geo-Annotation Platform



<http://pelagios.org/recogito/documentation>

Pelagios 3 | Total Progress

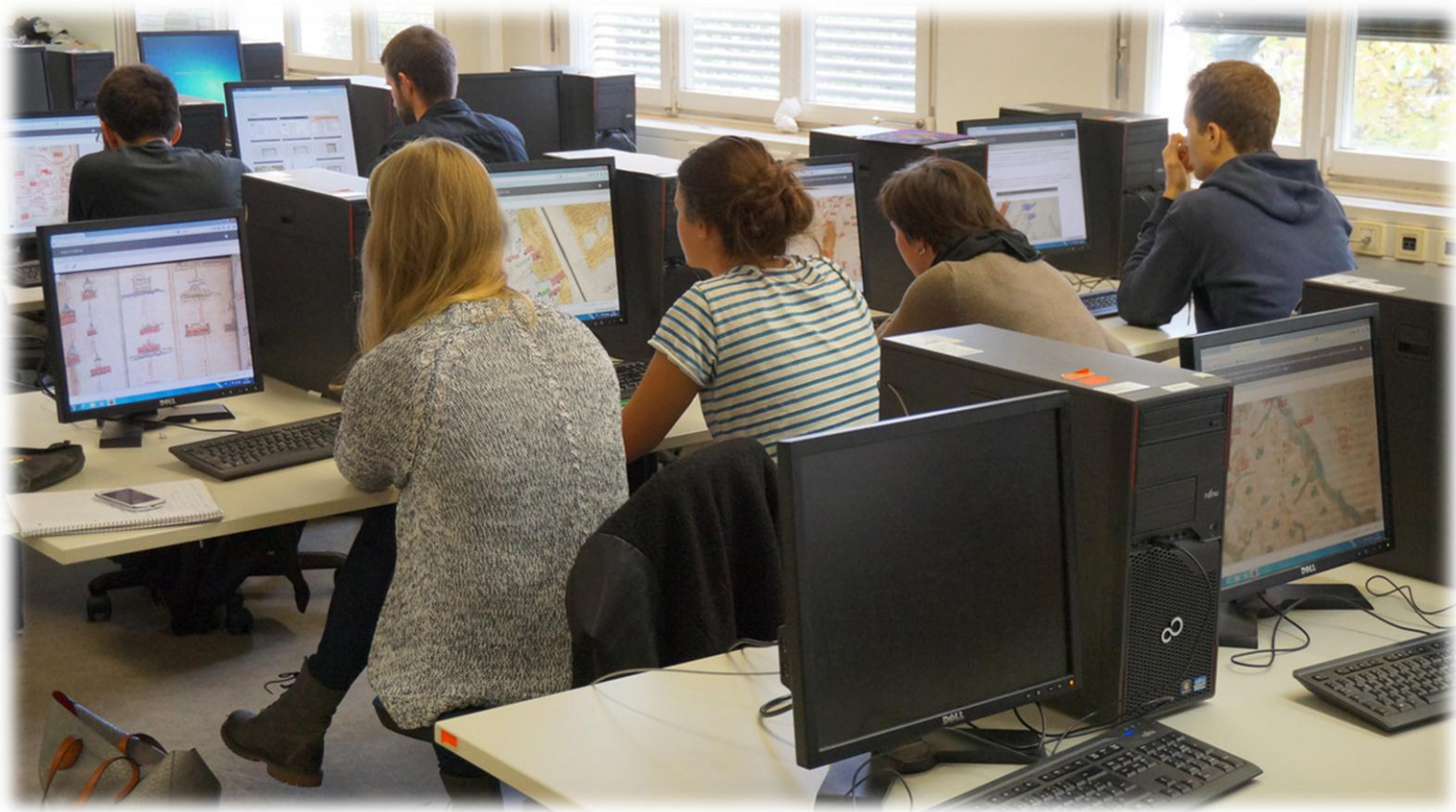




Two public workshops to

- trial Recogito in the wild
- reach out to the community
- turn some raw data into *Linked Open Data...*
- ...and have fun doing it!

Workshop #1



University of Heidelberg, October 31, 2014.
27 students of Geography & Archaeology.

Workshop #2



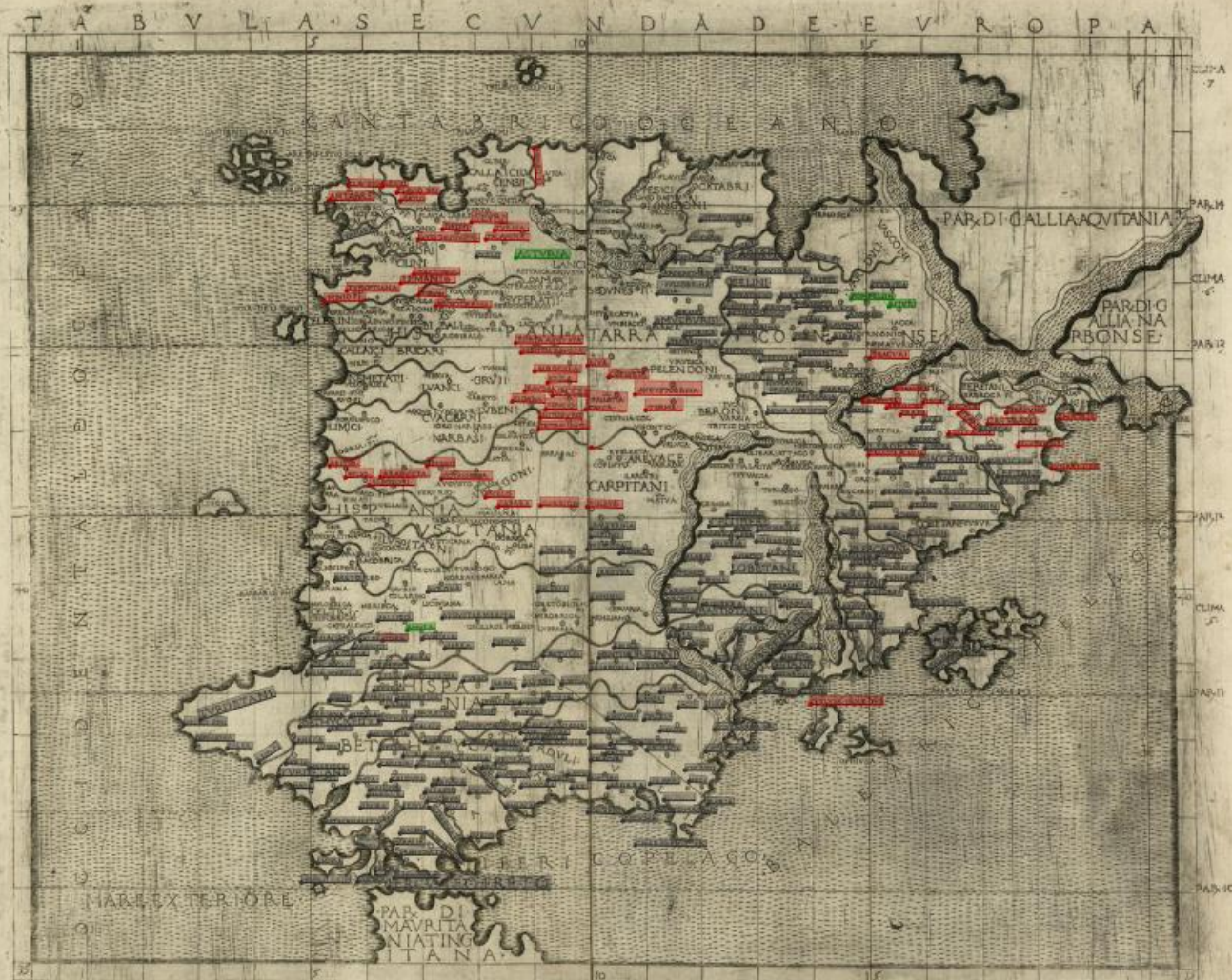
University of Applied Sciences Mainz, December 4, 2014.
22 students, mixed background (engineering/archaeology).

Some Numbers...



- **5,250** places identified in text
- **5,700** toponyms located in maps
- **1,450** map transcriptions
- **680** gazetteer resolutions
- **1,030** other actions (edits, comments, deletions, ...)

14,131 contributions total!



Ptolemy, Nicolaus Tedesco & Francesco Berlinghieri: Tabvla secvnda de Evropa (1482).



(Re-)Using Pelagios?

Re-Using our Data | From our Partners



The screenshot displays the MANTIS website, a platform for numismatic data. The header includes the American Numismatic Society logo and the text "MANTIS A Numismatic Technologies Integration Service". The navigation menu lists various options like Home, About the ANS, Collections, Recent Acquisitions, Photography, Departments, Library, Archives, Publications, Membership, Events and Exhibitions, Education, Online Resources, Support the ANS, Contact, and ANS Magazine. The main content area features a grid of coin images categorized by Department: Greek, Roman, Byzantine, Islamic, East Asian, South Asian, Medieval, Modern, United States, Latin American, and Medals And Decorations. A large yellow arrow points to the "Featured Object" section, which is currently empty. The "Share" section shows social media icons and a count of 66 shares. The "Linked Data" section includes icons for RSS, OpenID, and AVA.

Navigation

- Home
- About the ANS
- Collections
- Recent Acquisitions
- Photography
- Departments
- Greek
- Roman
- Byzantine
- Islamic
- East Asian
- South Asian
- Medieval
- United States
- Latin America
- Modern
- Medals and Decorations
- Library
- Archives
- Publications
- Membership
- Events and Exhibitions
- Education
- Online Resources
- Support the ANS
- Contact
- ANS Magazine

The ANS collections database contains information on more than 600,000 objects in the Society's collections. These include coins, paper money, tokens, 'primitive' money, medals and decorations, from all parts of the world, and all periods in which such objects have been produced.

Use the menu at the top of the page to navigate the site or click on the links below for customized departmental search pages.

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[Greek](#) [Roman](#) [Byzantine](#) [Islamic](#)

[East Asian](#) [South Asian](#) [Medieval](#) [Modern](#)

[United States](#) [Latin American](#) [Medals And Decorations](#)

ANS policies on the acquisition and deacquisition of numismatic items are available online.

Share

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Featured Object

Linked Data

[RSS](#) [OpenID](#) [AVA](#)

Re-Using our Data | From Recogito



RECOGITO

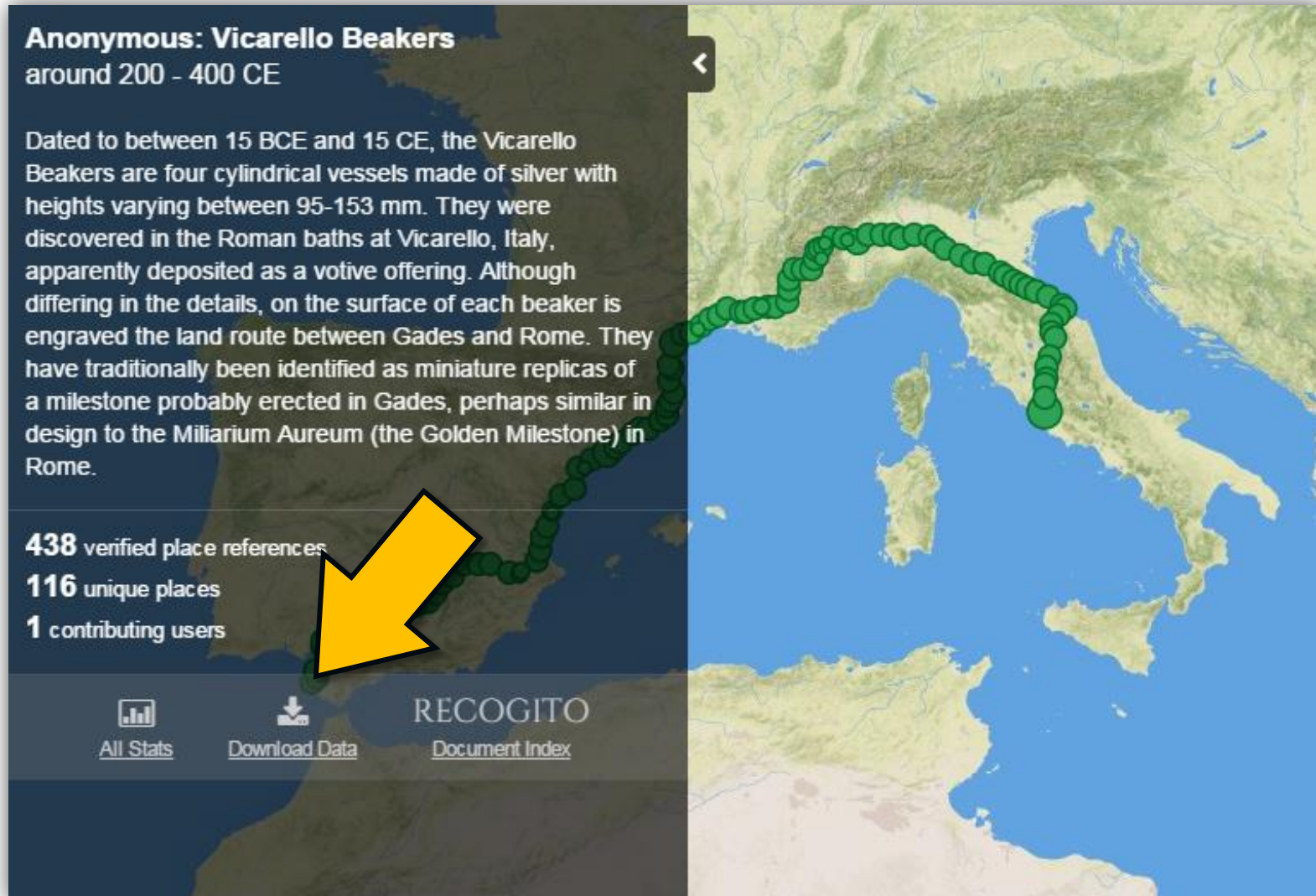
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33201 Toponyms Total <div></div>			
Anonymous, <i>Periplus Pontus Euxinus</i>	gr	671	<div></div> Map Stats Download Share
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Homer, <i>Iliad (Book 2)</i> , 760 - 710 BCE	gr	271	<div></div> Map Stats Download Share
Anonymous, <i>Homeric Hymn to Apollo</i> , ca. 800 - 600 BCE	en	131	<div></div> Map Stats Download Share
Hanno, <i>Voyage round Libya beyond the Pillars of Heracles</i> , ...	en	29	<div></div> Map Stats Download Share
Herodotus, <i>The Histories</i> , ca. 460 - 420 BCE	en	1060	<div></div> Map Stats Download Share
⊕ Xenophon, <i>Anabasis</i> , ca. 385 - 368 BCE	2 Versions	133 - 1388	<div></div>
Pseudo-Scylax, <i>Periplus (partial)</i> , 375 - 325 BCE	en	978	<div></div> Map Stats Download Share
Megasthenes, <i>Indika (fragments)</i> , 320 - 290 BCE	en	529	<div></div> Map Stats Download Share
Herakleides Kritikos, <i>On Greek Cities</i> , 270 BCE	gr	47	<div></div> Map Stats Download Share
⊕ Apollonius Rhodius, <i>Argonautica</i> , 300 - 200 BCE	2 Versions	269 - 462	<div></div>



Download Data as CSV

Re-Using our Data | From Recogito



Re-Using our Data | Peripleo API



»silver« between 100 BC and 100 AD for pleiades:423025 (Rome)

ch?query=silver&from=-100&to=100&places=http:%2F%2Fpleiades.stoa.org%2Fplaces%2F423025

```
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      "end" : 99
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      "minLat" : 41.8917,
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    }
  }, {
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    "title" : "Silver Denarius of Ditus, Rome, AD 80 - AD 81. 1967.153.128",
    "object_type" : "Item",
    "temporal_bounds" : {
```

<http://github.com/pelagios/peripleo>

Re-Using our Tools



- Our tools are open for testing
<http://pelagios.org/peripleo/map>
<http://pelagios.org/recogito/documentation>
- Our tools are open source – host your own
<http://github.com/pelagios/recogito>
<http://github.com/pelagios/peripleo>
- Gazetteer(s) required. Use existing – or bring your own
Pelagios Gazetteer Interconnection RDF profile¹

¹ <https://github.com/pelagios/pelagios-cookbook/wiki/Pelagios-Gazetteer-Interconnection-Format>



Ask Not
what Pelagios can do for you

Re-Using our Data | Outlook



- Get in touch - we are looking for
 - feedback
 - use cases
 - testers
- Publish LOD – and link it to Pelagios!

Grateful
acknowledgement to

AHRC, Google, JISC,
The Andrew W.
Mellon Foundation
and all Pelagios
partners



<http://pelagios.org/recogito>

<http://pelagios.github.io/pelagios-heatmap>

<http://pelagios-project.blogspot.com>

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