



The Pelagios Initiative

Annotating, Linking & Browsing Humanities Geo-Data with Recogito and Peripleo

Rainer Simon, *AIT Austrian Institute of Technology*

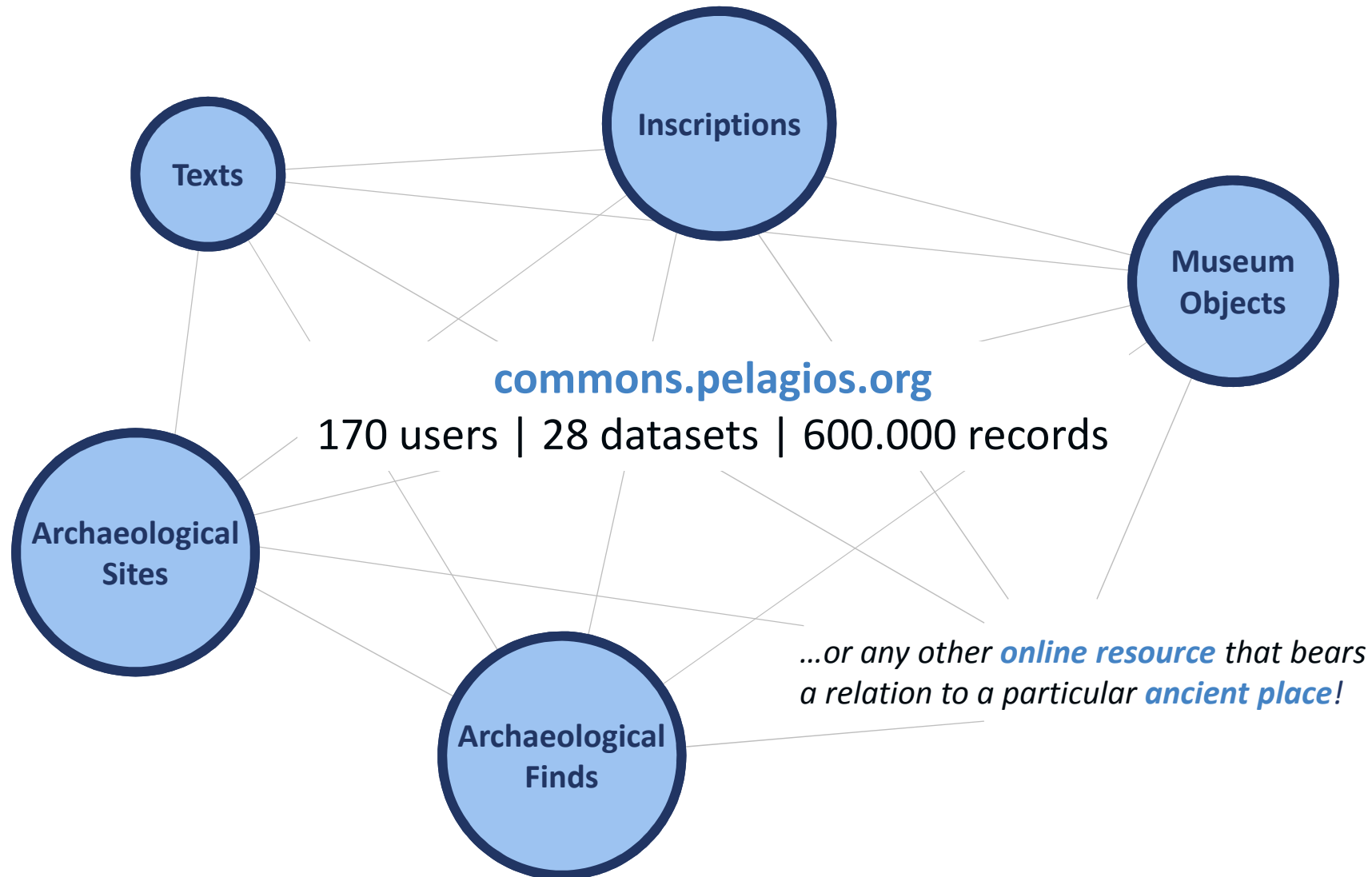
Leif Isaksen, *University of Lancaster*

Elton Barker, *The Open University*

Pau de Soto, *Institut d'Estudis Catalans*

July 11, 2016 | A Place for Places Workshop, Kraków, Poland

Pelagios | Linking Data, Openly



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!



+Rainer Suche Bilder Videos Maps News Google Mail Mehr >

Rainer Simon Mitteilen...

Google books Erweiterte Buchsuche

Bücher

Zu meiner Bibliothek hinzufügen Rezension schreiben Seite 379

E-BOOK - KOSTENLOS

Herodotus, tr., with notes, by W. Beloe
von Herodotus

Dieses Buch durchsuchen Suche

Über dieses Buch

- Meine Bibliothek
- Mein Verlauf
- eBookstore
- Allgemeine Nutzungsbedingungen

documents 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 dames 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 it seems, 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, prudentissimi 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

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 Laedaeonia. Contiguous to this is an island named Cythera, of which Cbilon, the wisest of our countrymen,

ty of such a measure as I now
From this island your troops
error over Sparta. These
er them, may remove
on of their assisting

of rhetoric at Rome, assigned this reason to the adolescentulus totos dies desidere;” for philosophers were banished, among whom in the reign of Domitian.—See *Julius G*

I have little to say on the religion of Sparta. The object of their worship seems to have been fixed by them as well as by the Athenians. The system of politics which their respective laws established. Solon, intent upon promoting the peace and gainful arts, presented the GREAT goddess to the Athenians, holding in her right hand the olive branch, and he surnamed her from the Egyptian Minerva, styling her the goddess of arts and manufactures. The same goddess in armour, called her the Goddess of Battle (Ἐπιγονή) as Aristoph. Lysist. ad finem. She was styled either because her temple was of brass, or because she was built by fugitives from Chalcis in Euboea. 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, and politics, and that their idols were representations of natural causes, named and habited according to the different tempers and genius of those who

you men of Sparta speak
quoting the
at Athens the
or to tell some
pend their ti

ing them from
design of Solon
animate the
enacted a law
to have a calling
had none fell in
demus were ind

pleiades:
570685

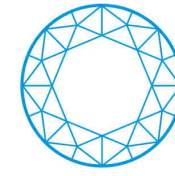
pleiades:
579885

The Essential Ingredient | URI Gazetteers

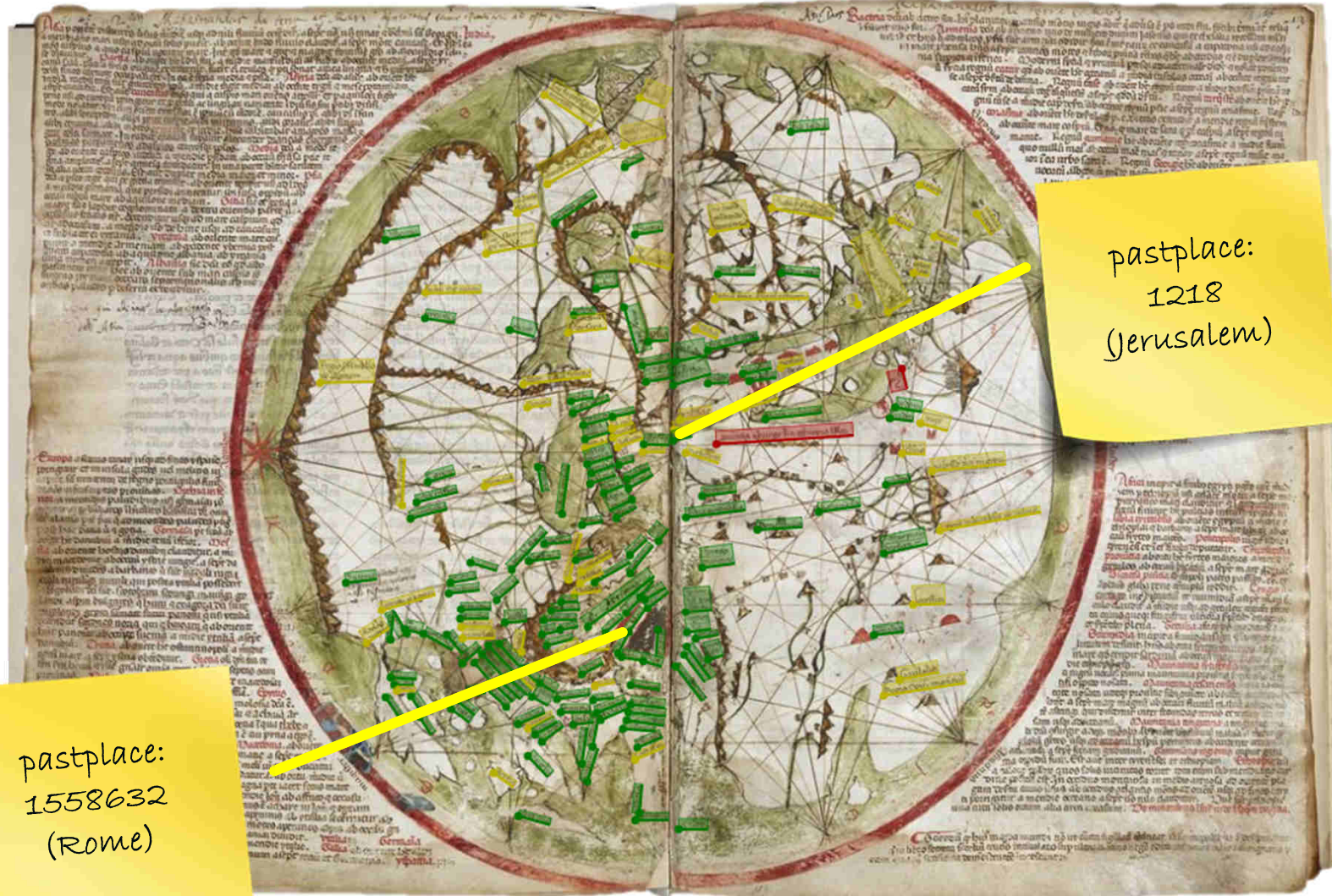


The screenshot shows the homepage of the Pleiades website. The browser address bar displays "http://pleiades.stoa.org/". The page features a blue header with the word "PLEIADES" in large white letters. Below the header is a navigation menu with links for Home, Browse, Search, Follow, Download, and Contribute. The main content area is divided into three columns. The first column displays "31,561 Ancient Places" with a small image of a classical building. The second column displays "26,055 Ancient Names" with a small image of a stone inscription. The third column displays "32,337 Ancient Locations" with a small image of an archaeological site. To the right of these columns is a search box with the text "Search Site" and a "Search" button, followed by a "Log in" section with fields for "Login Name" and "Password". Below the search and login sections is a "Contributors" section listing Senior Editors (Roger Bagnall and Richard Talbert), Managing Editors (Tom Elliott and Brian Turner), and Associate Editor (Michael McCormick). At the bottom of the page is a map of Europe with various countries labeled in their respective languages (e.g., Sverige, Norge, Danmark, Deutschland, France, España, etc.) and several blue location markers. The browser's address bar and search bar are visible at the top of the screenshot.

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



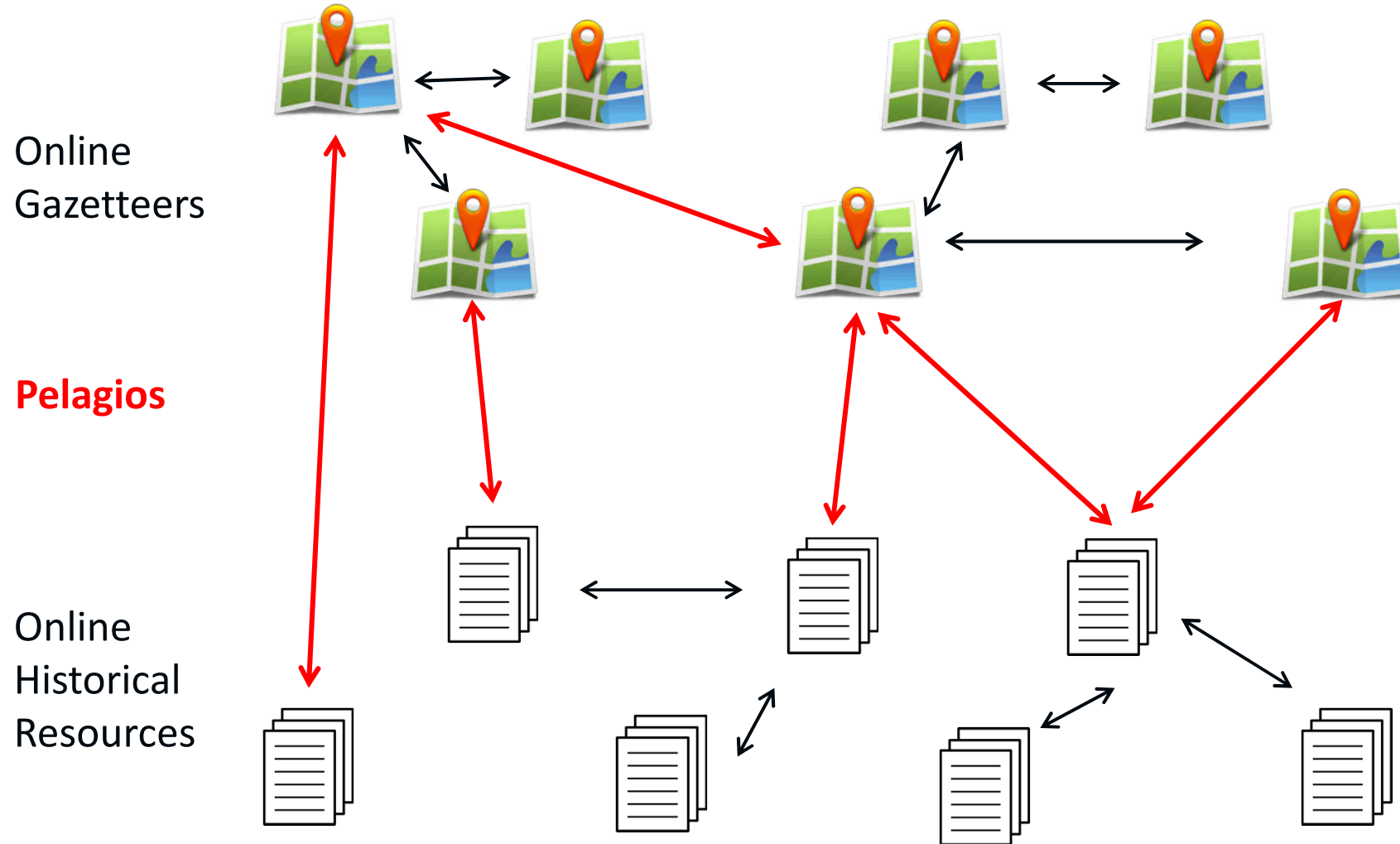
Pelagios
commons



pastplace:
1218
(Jerusalem)

pastplace:
1558632
(Rome)

Pelagios | Connecting Knowledge Domains



Pelagios Phase 3 | Recogito



RECOGITO

logged in as: rainer Administration My Settings Tutorial About

Document Toponyms Complete

30065 Toponyms Total

Collections

Greek Tradition	72
Latin Tradition	59
Christian Tradition	47
Early Islamic	2
Other	5

Top 5 Contributors

- pau
- leif
- ada
- elton
- bess.myers

[More...](#)

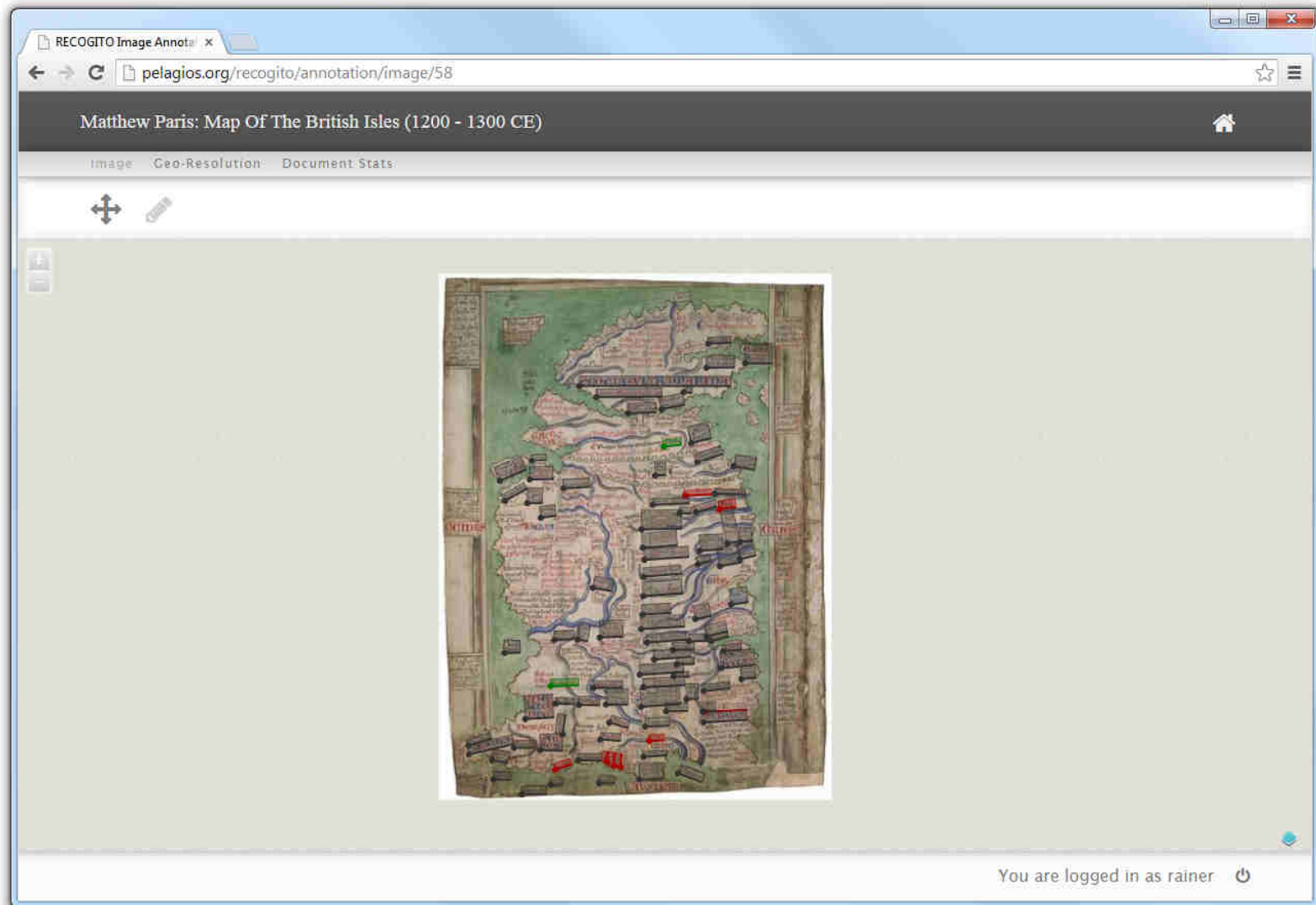
Document	Language	Count	Progress	Actions
Anonymous, <i>Periplus Pontus Euxinus</i>	gr	0		
Homer, <i>É010. Odyssey</i> , 800 - 700 BCE	en	471		
Homer, <i>Iliad (Book 2)</i> , 760 - 710 BCE	gr	271		
Anonymous, <i>Homeric Hymn to Apollo</i> , ca. 800 - 600 BCE	en	131		
Hanno, <i>Voyage round Libya beyond the Pillars of Heracles</i> , ...	en	29		
Herodotus, <i>The Histories</i> , ca. 460 - 420 BCE	en	525		
Xenophon, <i>Anabasis</i> , ca. 385 - 368 BCE	2 Versions	131 - 459		
Pseudo-Scylax, <i>Periplus (partial)</i> , 375 - 325 BCE	en	978		
Megasthenes, <i>Indika (fragments)</i> , 320 - 290 BCE	en	523		
Herakleides Kritikos, <i>On Greek Cities</i> , 270 BCE	gr	47		
Apollonius Rhodius, <i>Argonautica</i> , 300 - 200 BCE	2 Versions	268 - 441		
Ptolemy III Euergetes, <i>Adoulis Inscription</i> , ca. 246 BCE	en	25		
Lykophron, <i>Alexandra</i> , 196 - 190 BCE	en	51		
Agatharchides, <i>On the Erythraean Sea (fragments)</i> , 169 BCE	en	87		
Polybius, <i>Histories (Book XXXIV fragments)</i> , 145 - 118 ...	2 Versions	293 - 401		
Artemidoros, <i>Geographic fragments</i> , 100 BCE	gr	88		
Pseudo-Scymnus, <i>Circuit of the Earth</i> , ca. 100 BCE	en	82		
Strabo, <i>Geography</i> , 20 BCE - 20 CE	2 Versions	0 - 3849		
Stadiasmus Patarensis, <i>Itinera Romana Provinciae Lyciae</i> , ...	en	120		
Anonymous, <i>Periplus of the Erythraean Sea</i> , ca. 50 CE	en	383		

Recogito | Text & Map Annotation Tool



A screenshot of a web browser displaying the Recogito interface. The browser's address bar shows the URL "pelagios.org/recogito/annotation/text?text=65". The page title is "Ammianus Marcellinus: Res Gestae a Fine Corneli Taciti (before 391 CE) - Liber XIV (Chap. VIII)". Below the title, there are navigation tabs for "Text", "Geo-Resolution", and "Document Stats". A toolbar contains icons for editing, navigation, and sharing. The main content area displays the text of Ammianus Marcellinus' "Res Gestae", with various geographical names highlighted in yellow and green. The text includes: "VIII 1. Superatis Tauri montis verticibus qui ad solis ortum sublimius attolluntur, Cilicia spatiis porrigitur late distentis dives bonis omnibus terra, eiusque lateri dextro adnexa Isauria, pari sorte uberi palmite viget et frugibus minutis, quam mediam navigabile flumen Calycadnus interscindit. 2. et hanc quidem praeter oppida multa duae civitates exornant Seleucia opus Seleuci regis, et Claudiopolis quam deduxit coloniam Claudius Caesar, Isaura enim antehac nimium potens, olim subversa ut rebellatrix interneciva aegre vestigia claritudinis pristinae monstrat admodum pauca. 3. Ciliciam vero, quae Cydno amni exultat, Tarsus nobilitat, urbs perspicabilis hanc condidisse Perseus memoratur, Iovis filius et Danaes, vel certe ex Aethiopia profectus Sandan quidam nomine vir opulentus et nobilis et Anazarbus auctoris vocabulum referens, et Mopsuestia vatis illius domicilium Mopsi, quem a conmilatio Argonautarum cum aureo vellere direpto redirent, errore abstractum delatumque ad Africae litus mors repentina consumpsit, et ex eo cespite punico tecti manes eius heroici dolorum varietati medentur plerumque sospitales. 4. hae duae provinciae bello quondam piratico catervis mixtae praedonum a Servilio pro consule missae sub iugum factae sunt vectigales. et hae quidem regiones velut in prominenti terrarum lingua positae ob orbe eoo monte Amano disparantur. 5. orientis vero limes in longum protentus et rectum ab Euphratis fluminis ripis ad usque supercilia porrigitur Nili, laeva Saracenis conterminans gentibus, dextra pelagi fragoribus patens, quam plagam Nicator Seleucus occupatam auxit magnum in modum, cum post Alexandri Macedonis obitum successorio iure teneret regna Persidis, efficaciae impetrabilis rex, ut indicat cognomentum. 6. abusus enim multitudine hominum, quam tranquillis in rebus diutius rexit, ex agrestibus habitaculis urbes construxit multis opibus firmas et viribus, quarum ad praesens pleraeque licet Graecis nominibus appellentur, quae isdem ad arbitrium inposita sunt conditoris, primigenia tamen nomina non amittunt, quae eis Assyria lingua institutores veteres indiderunt. 7. Et prima post Osdroenam quam, ut dictum est, ab hac descriptione discrevimus, Commagena, nunc Euphratensis, clementer adsurgit, Hierapoli, vetere Nino et Samosata civitatibus amplis inlustris, 8. Dein Syria per speciosam interpatet diffusa planitiem." At the bottom right, a status bar indicates "You are logged in as rainer".

Recogito | Text & Map Annotation Tool



Recogito | Text & Map Annotation Tool



RECOGITO Geo-Resolution x

← → ↻ pelagios.org/recogito/georesolution?doc=197

Homer: Iliad (Book 2) (760 - 710 BCE)

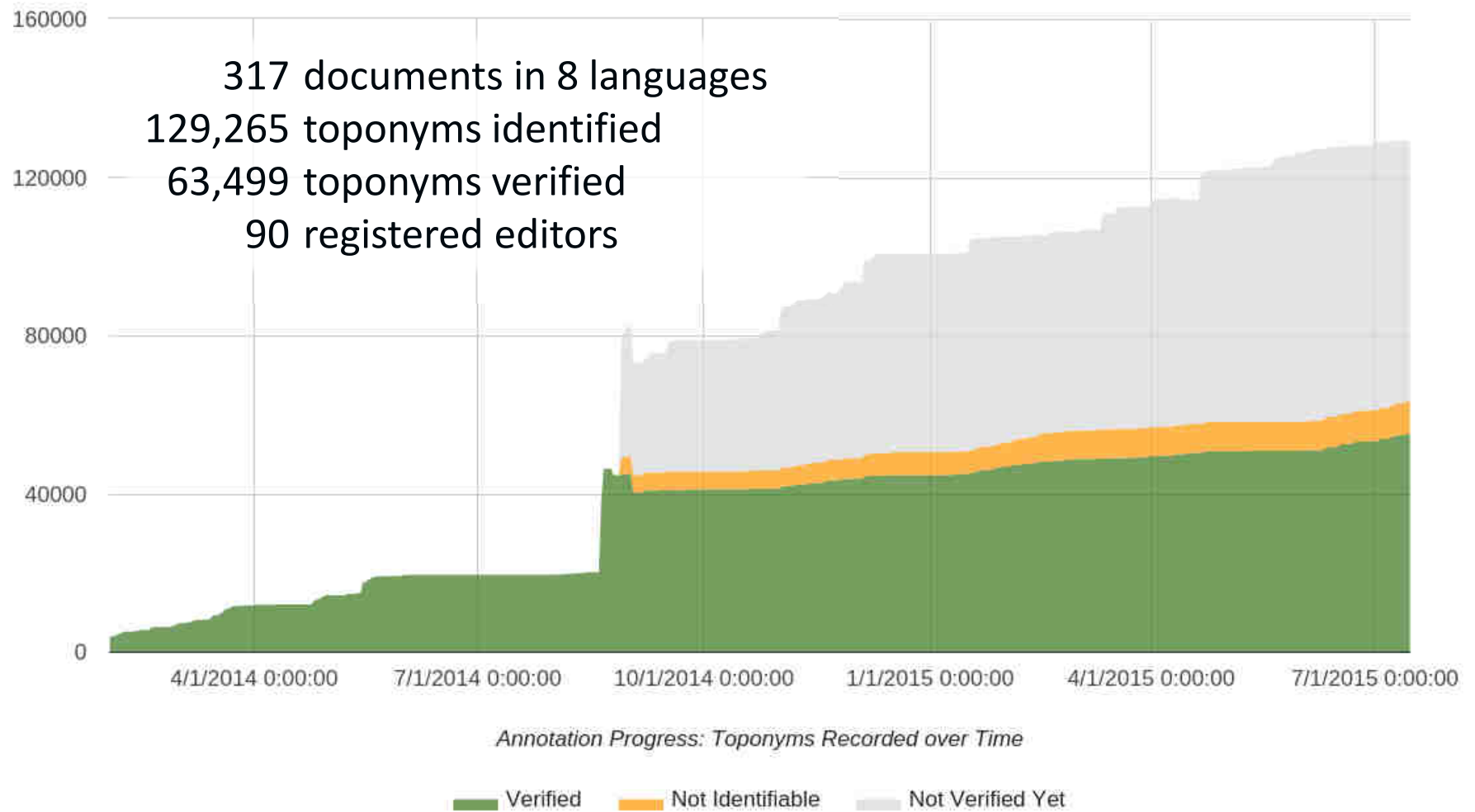
Text Geo-Resolution Document Stats

#	Τόπος/ημ	Auto Match	Corrected	Status
55	Λοκρών	pleiades:452369	pleiades:540917	✓
56	Ευβοίης	pleiades:579931	pleiades:540775	✓
57	Ευβοίαν	pleiades:543705	pleiades:540775	✓
58	Ἄβαντες	pleiades:540583		✓
59	Χαλιίδα	pleiades:540703		✓
60	Ειρέτριάν	pleiades:579925		✓
61	Ισθμίου	pleiades:845068	pleiades:540817	✓
62	Κήρινθον	pleiades:540861		✓
63	Δίου	pleiades:246364	pleiades:540734	✓
64	Κάρυστον	pleiades:570336		✓
65	Στύρα	pleiades:305032	pleiades:541117	✓
66	Αθήνας	pleiades:579885		✓
67	Σαλαμίνος	pleiades:668362	pleiades:580101	✓
68	Ἄργος		pleiades:570106	✓
69	Τίρουθά		pleiades:570740	✓
70	Ερμιόνην		pleiades:570292	✓
71	Ἀσίνην		pleiades:570124	✓
72	Τροίηζήν		pleiades:570756	✓
73	Ήϊόνας		pleiades:573195	✓
74	Επίδουρον		pleiades:570228	✓
75	Αίγιαν		pleiades:579853	✓
76	Μάσσητά		pleiades:570463	✓
77	Μυκήνας		pleiades:570491	✓
78	Κόρινθον		pleiades:570182	✓

271 Annotations 244 27 0 0 - 100.0% Complete

You are logged in as rainer

Pelagios Phase 3 | Annotation Progress





Two public workshops to

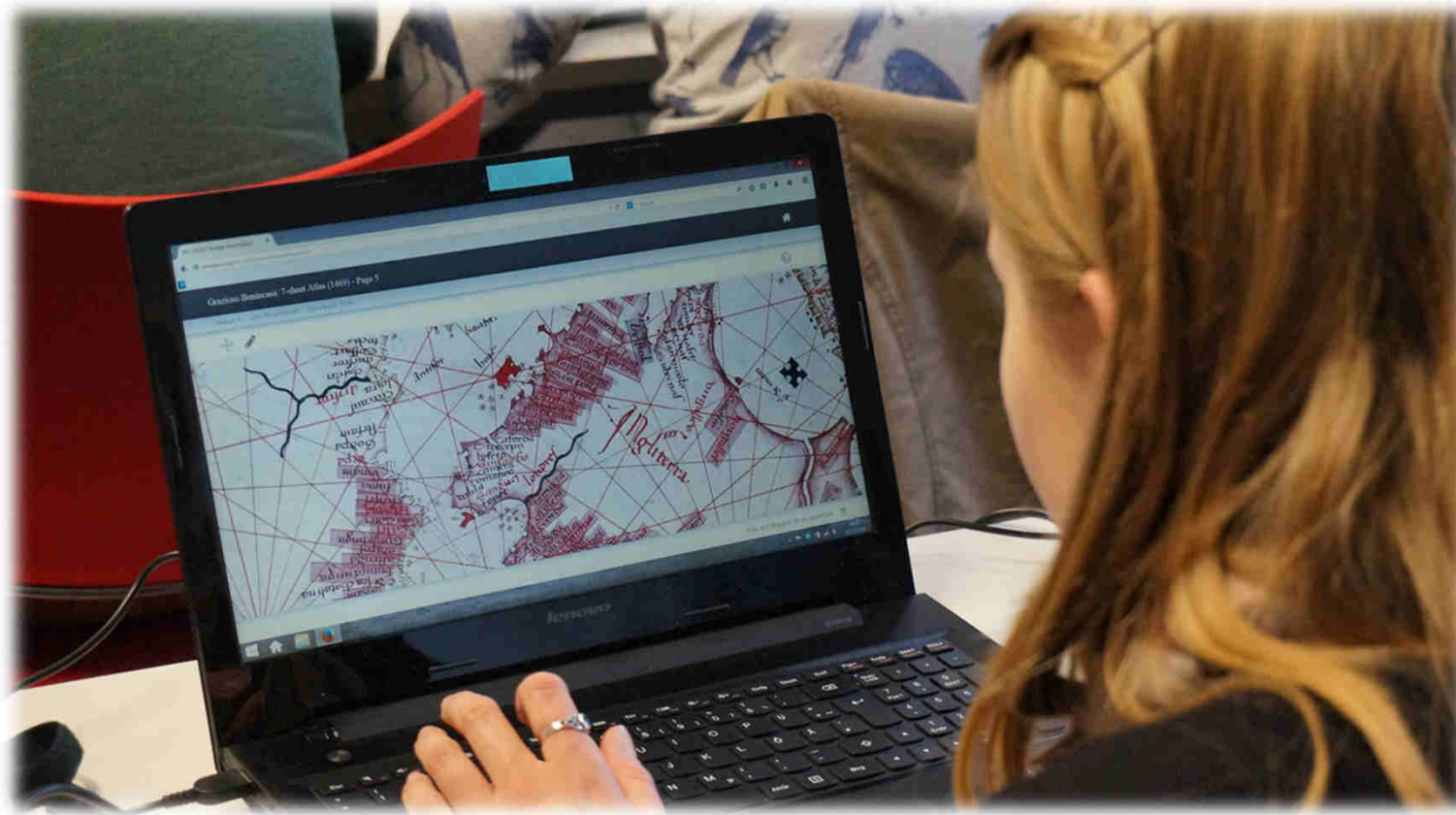
- trial Recogito in the wild
- reach out to the community
- turn some raw data into *Linked Open Data...*
- ...and have fun doing it!

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 workshop contributions total!

Upcoming | Recogito Version 2



Log In

Linked Data annotation
without the pointy brackets

Create maps from text. Annotate images. Connect your research
to other
usab
Learn

Pick a username

Your email address

Create a password

<http://vimeo.com/173747254>

Signing up signifies you have read and agree to
our Terms and Conditions of Use.

The banner features a background image of a historical map with handwritten annotations in red and green. The text is overlaid on this background. The login form consists of three white input fields with rounded corners. A large black-bordered box containing a URL is superimposed over the lower part of the banner.

Recogito Now Open for
Alpha Testing!

Our official opening is scheduled for December 2016. But feel free to explore Recogito already now, while it's under development. We appreciate your feedback, bug reports, feature ideas, etc. Please get in touch via the [Recogito Users Group](#) or [GitHub](#).

Warning: please note that until the official opening, data may be lost without advance notice.

<http://recogito.pelagios.org>

Join Us!



<http://commons.pelagios.org>

A community space for discussing ideas and best practices
around creating, curating and working with (geo) data
in the Humanities

Grateful acknowledgement to

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



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<http://commons.pelagios.org>

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