

SUNOIKISIS FALL 2016

DIGITAL HISTORY AND ARCHAEOLOGY

SESSION 3: GEOGRAPHY 1, GAZETTEERS

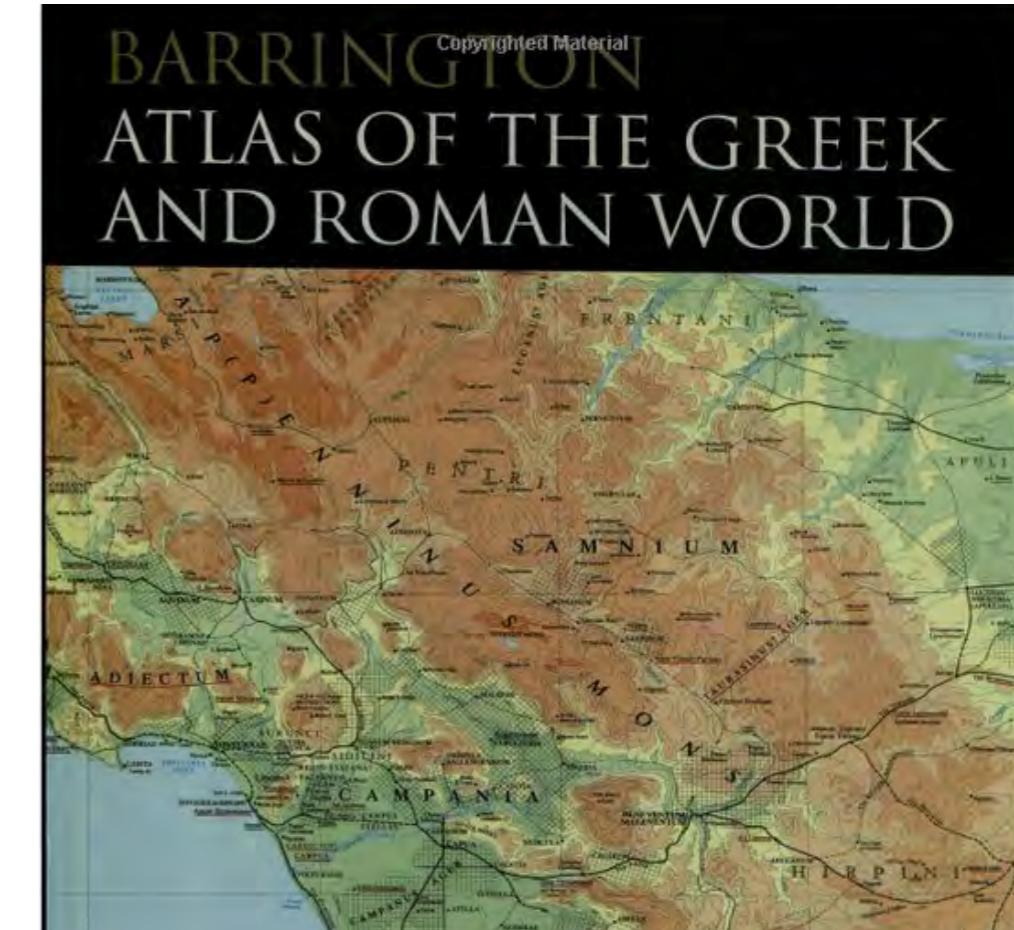
Valeria Vitale (King's College London),
Usama Gad (Ain Shams and Heidelberg) and
Gabriel Bodard (Institute of Classical Studies)

VALERIA VITALE, KING'S COLLEGE LONDON

MODELLING GEOGRAPHICAL INFORMATION IN PLEIADES

PLEIADES ONLINE GAZETTEER WAS BORN AS A DIGITISATION OF THE BARRINGTON ATLAS, BUT IS NOW A LARGER, MORE AMBITIOUS PROJECT.

"Pleiades is a community-built gazetteer and graph of ancient places. It publishes authoritative information about ancient places and spaces, providing unique services for finding, displaying, and reusing that information under open license. It publishes not just for individual human users, but also for search engines and for the widening array of computational research and visualization tools that support humanities teaching and research."



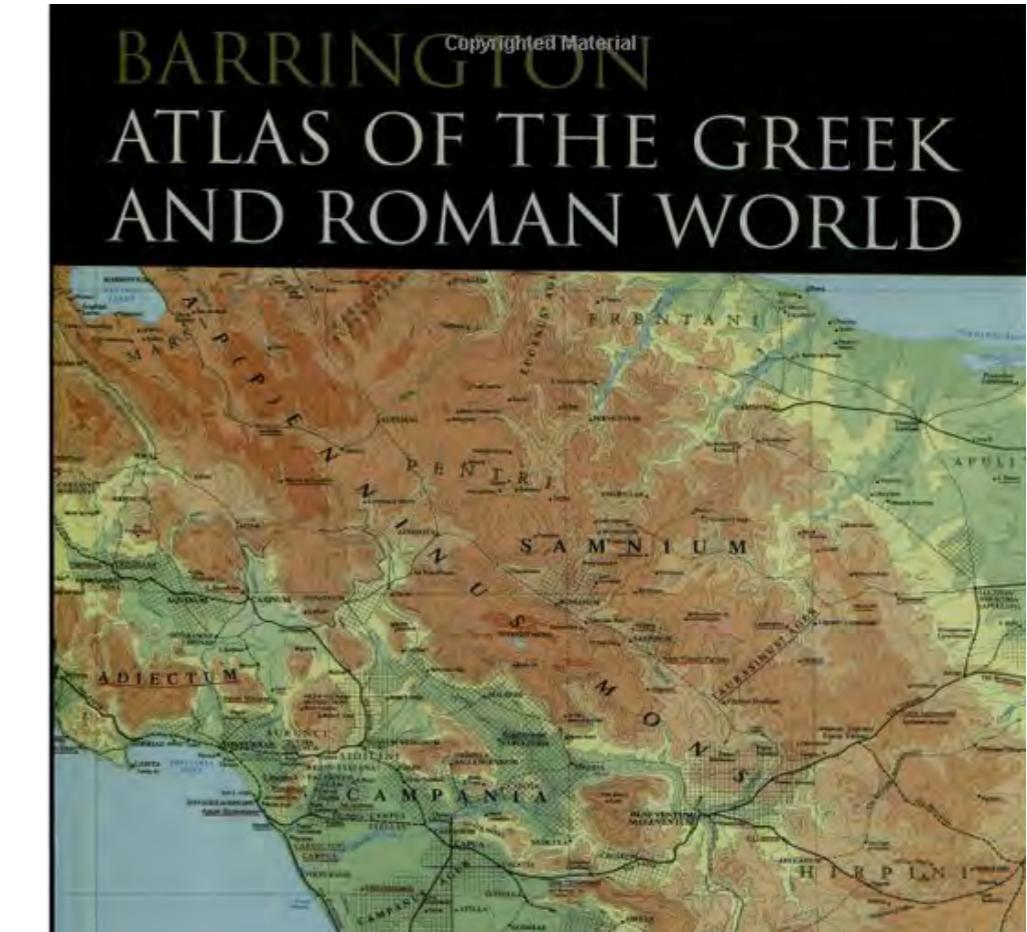
A screenshot of the Pleiades website. At the top, there's a blue header bar with the word 'PLEIADES' in white. To the right of the header are links for 'about', 'blog', 'places', 'credits', 'downloads', and 'help'. The main area is a map of the Mediterranean region, showing the coastlines and major rivers. A callout box on the map points to a location near the coast of Turkey, identifying the 'Rhynchos fl.' and 'Rhynchos fl. (Mustafakemalpaşa River)'. At the bottom of the page, there's a search bar with the placeholder text 'search for places' and a text input field with the placeholder 'Enter a search term, Pleiades ID, or U'.

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The screenshot shows the homepage of the Pleiades Online Gazetteer. At the top, there is a navigation bar with links for "about", "blog", "places", "credits", "downloads", and "help". Below the navigation bar is a large map of the Eastern Mediterranean, showing the coastlines of the Balkans, Italy, and North Africa. A specific location in Anatolia is highlighted with a blue marker and a callout box. The callout box contains the text "Rhynchos fl." and "Rhynchos fl. (Mustafakemalpaşa River)". At the bottom of the page, there is a search bar with the placeholder text "Enter a search term, Pleiades ID, or U" and a button labeled "search for places".

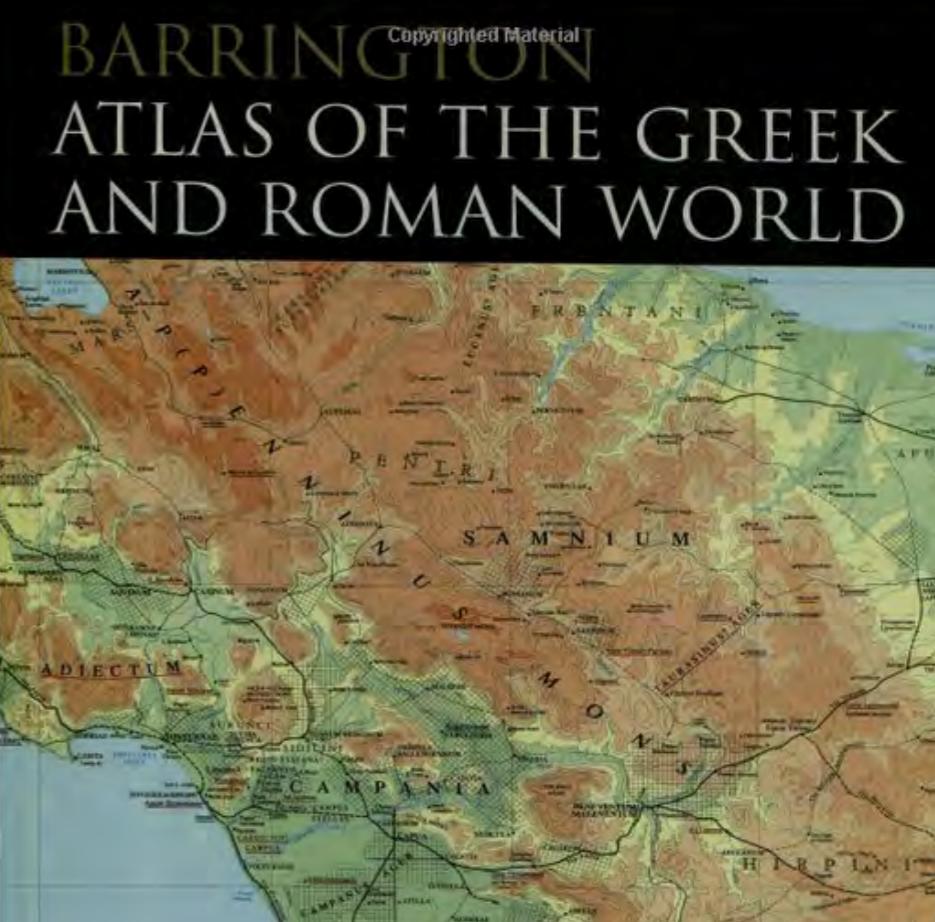
<https://pleiades.stoa.org/>



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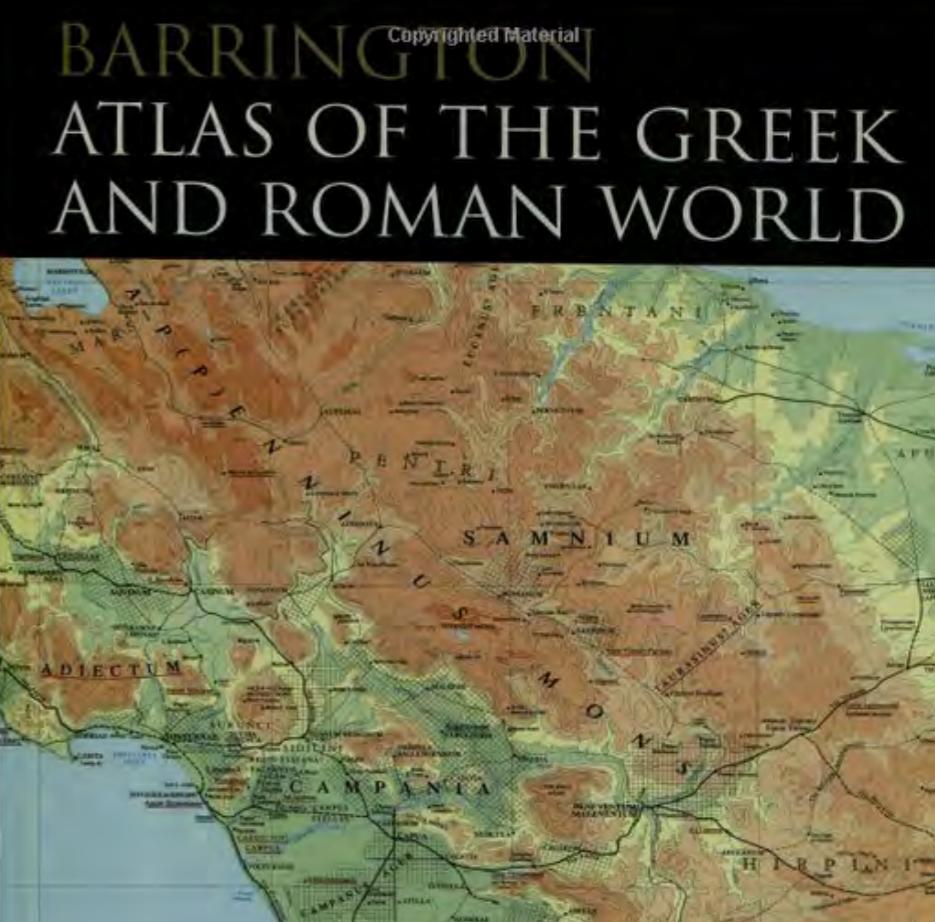
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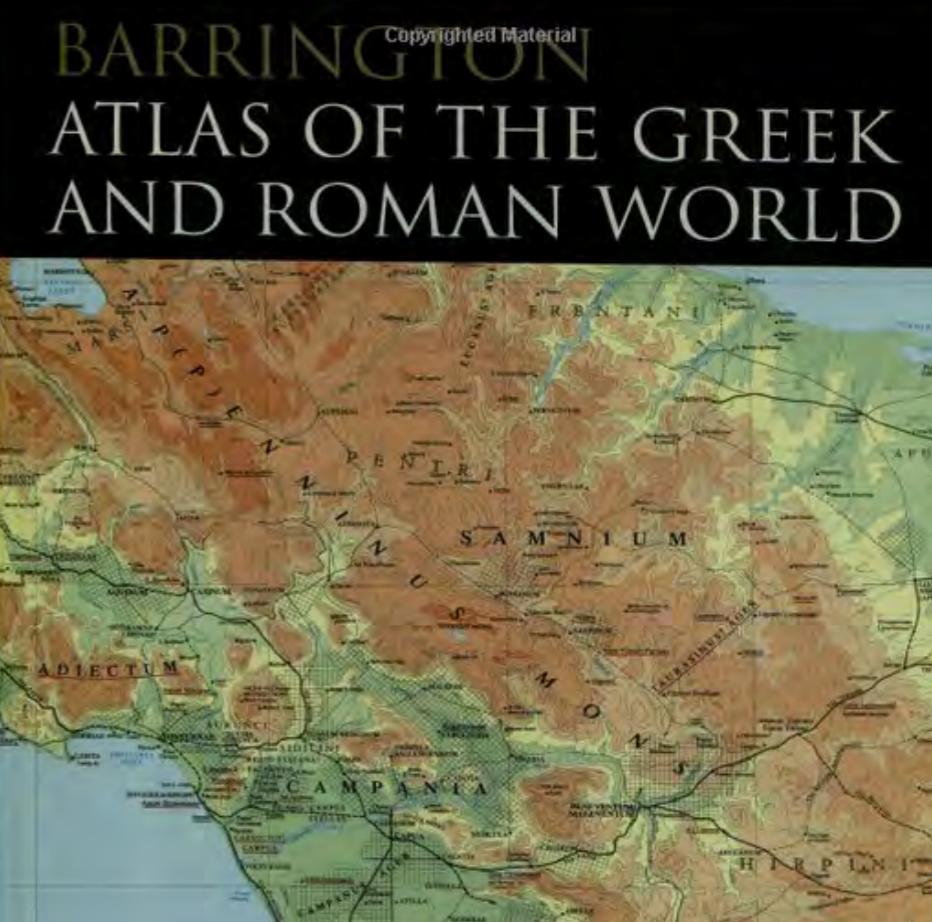
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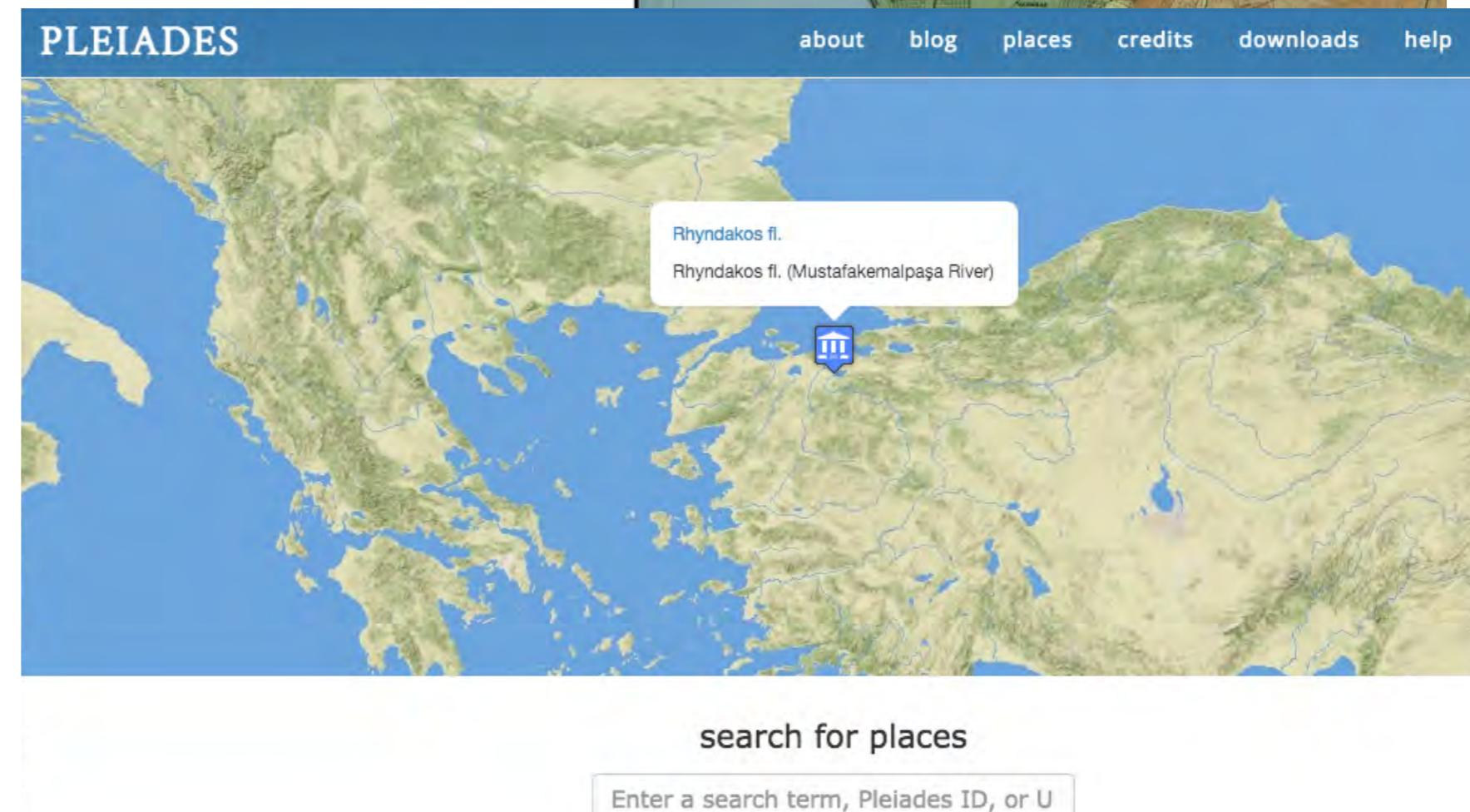
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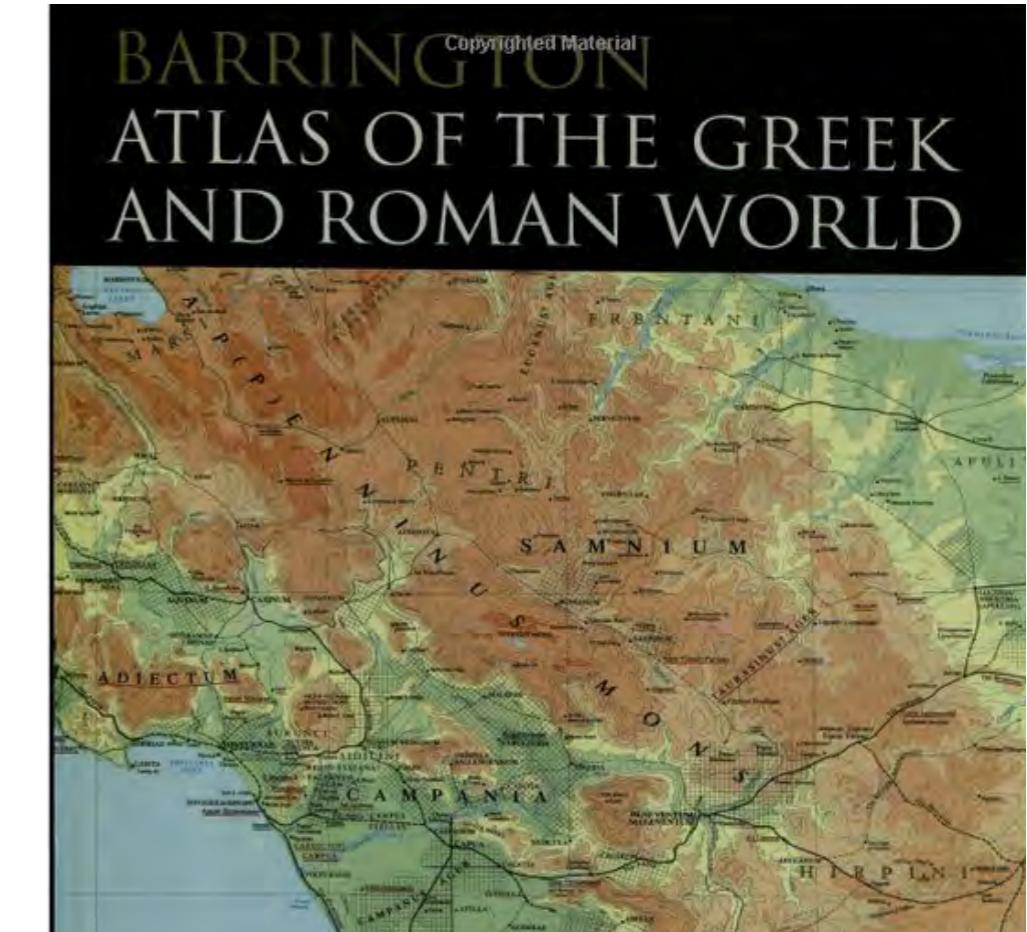


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<https://pleiades.stoa.org/>





WHAT IS A (ANCIENT) PLACE?

AND HOW DO WE REPRESENT INFORMATION ABOUT IT?

PLACES, NAMES, LOCATIONS

WHAT IS AN ANCIENT PLACE MADE OF, IN PLEIADES?

- ▶ Place
The idea of a place. The notion of its existence, either in historical or literary contexts.
- ▶ Names
How a place was called, by different people and/or at different times.
- ▶ Locations
Where a place used to be, according to different sources.



City of Cairo, Piri Reis. Source: Wikipedia

WHAT KIND OF GEOGRAPHICAL INFORMATION IS PUBLISHED IN PLEIADES?

- ▶ Settlements and centres of human activity
- ▶ Regions/Areas
- ▶ Geographical features
- ▶ Human-made features
- ▶ Peoples



Columns of the Temple of Heracles, Agrigento. Source: Wikipedia

ANATOMY OF A PAGE

You are here: Home → Ancient Places → Taras/Tarentum/Neptunia

Taras/Tarentum/Neptunia

a Pleiades place resource

Creators: I.E.M. Edlund Berry, A.M. Small

Contributors: DARMC, R. Talbert, Sean Gillies, Johan Åhlfeldt, Jeffrey Becker, Tom Elliott

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Last modified Aug 03, 2016 11:02 PM — History

tags: [dare:ancient=1](#), [dare:major=1](#), [dare:feature=major settlement](#)

A Greek colonial city founded in 706 B.C.

Canonical URI for this page:

<https://pleiades.stoa.org/places/442810>



Representative Point (Latitude, Longitude):

40.4709405, 17.2371455



Locations:

- DARMC location 3585 (750 BC - 550 BC)
- DARMC location 18693 (750 BC - AD 640)
- DARMC location 18917 (750 BC - AD 640)
- DARE Location (750 BC - AD 640)

Names:

- [Neptunia](#) (330 BC - 30 BC)
- [Oebalia](#) (330 BC - 30 BC)
- [Τάρας](#) (Taras; 750 BC - AD 640)
- [Tarentum](#) (750 BC - AD 640)



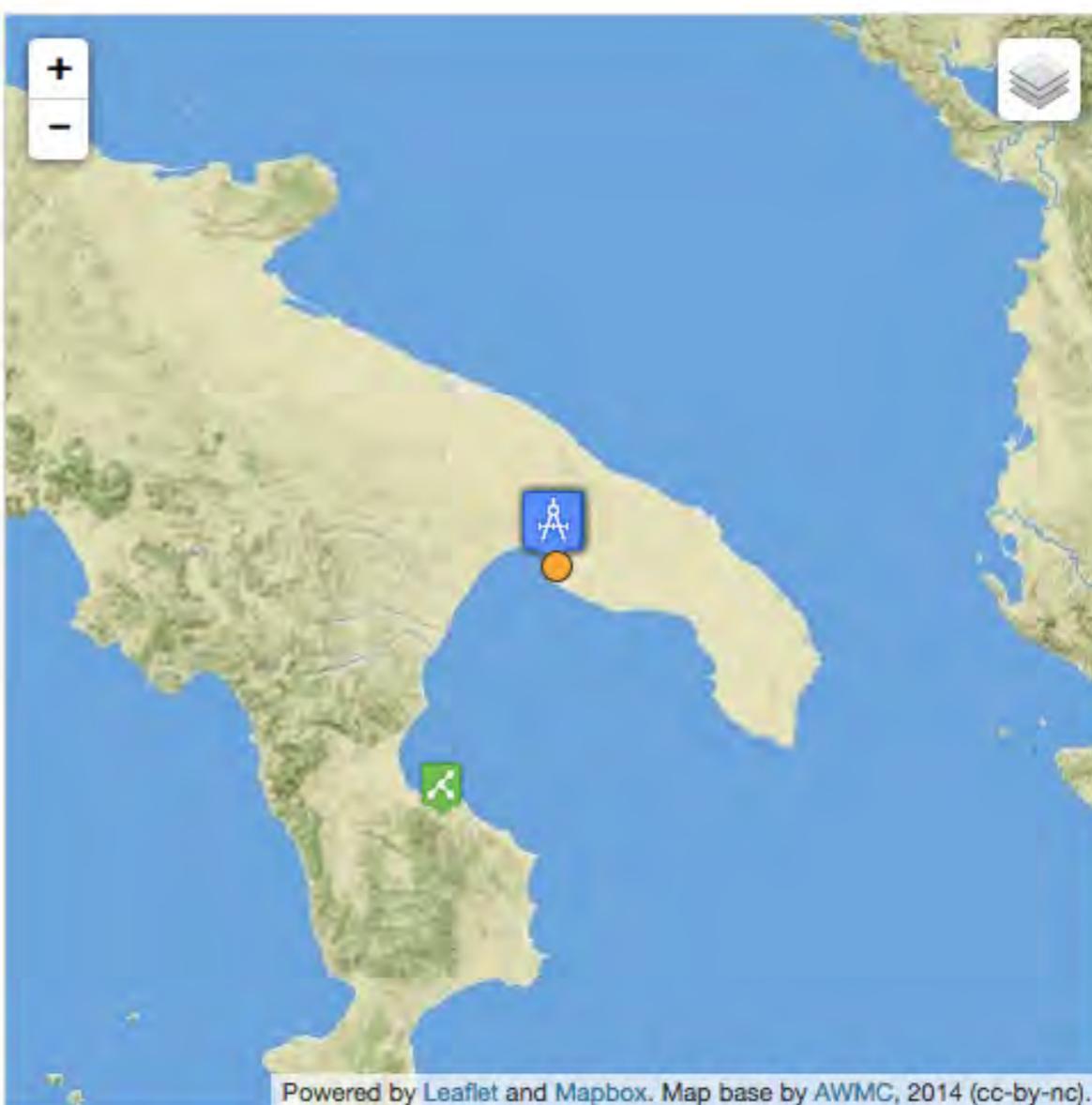
Makes a connection with:

- [Magna Graecia](#) (Attested dates needed)
- [Via Appia](#) (Attested dates needed)



Has a connection with:

None



Powered by Leaflet and Mapbox. Map base by AWMC, 2014 (cc-by-nc).

Search

Search Site

[Advanced Search...](#)

Photos



Taranto: the Archaic Temple by diffendale.

[24 other related photos...](#)

Use this tag in Flickr to mark [depictions](#) of this place's site(s):
`pleiades:depicts=442810`

or this one to mark [objects](#) found here:
`pleiades:findspot=442810`

Related Content from Pelagios

[Taras/Tarentum /Neptunia](#)

ANATOMY OF A PAGE

You are here: Home → Ancient Places → Taras/Tarentum/Neptunia

Taras/Tarentum/Neptunia

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

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- *Tarentum* (750 BC - AD 640)



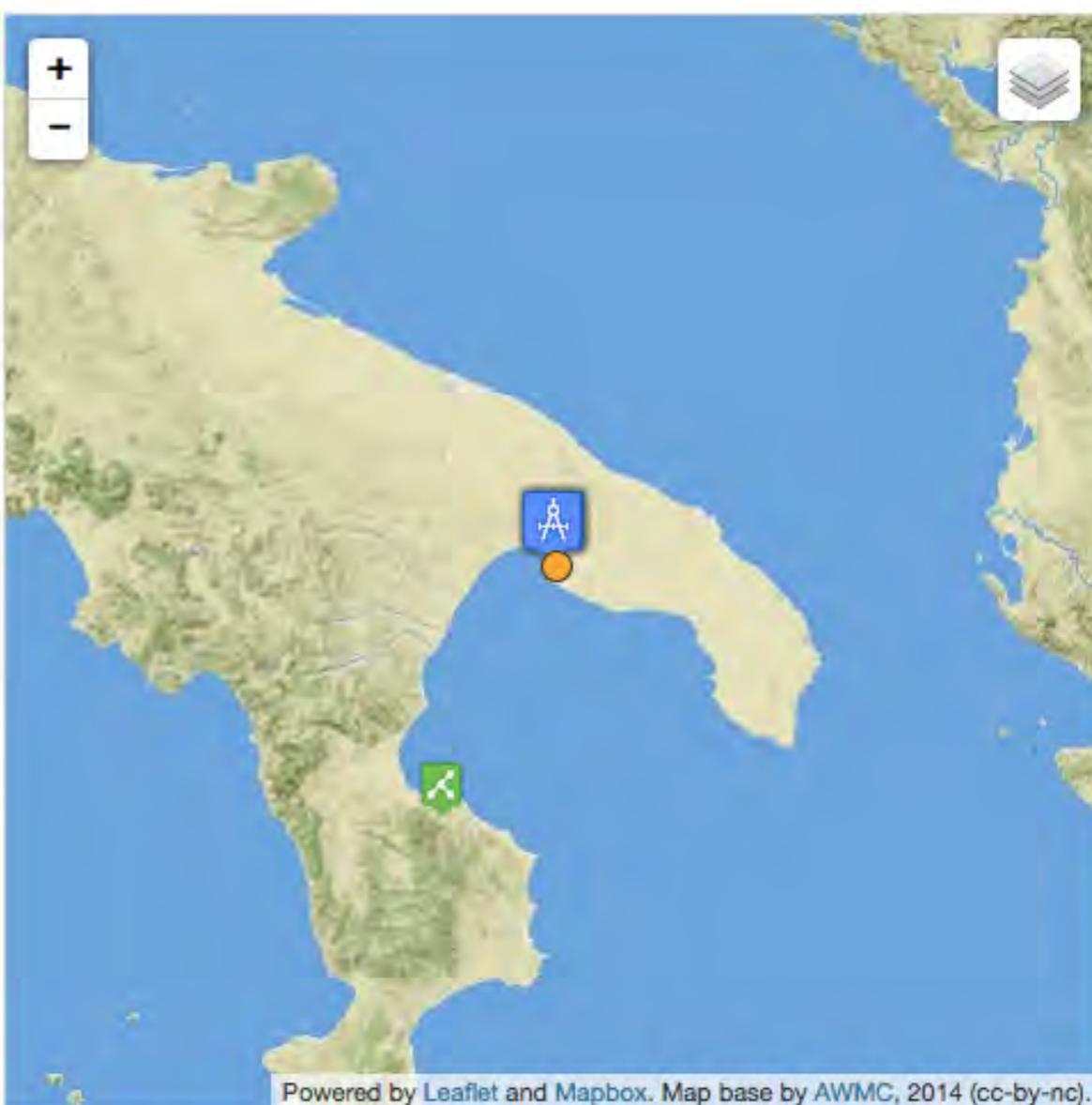
Makes a connection with:

- Magna Graecia (Attested dates needed)
- Via Appia (Attested dates needed)



Has a connection with:

None



Show place in AWMC's Antiquity À-la-carte, Google Earth, or Pelagios' Periplon

Search

Search Site

[Advanced Search...](#)

Photos



Taranto: the Archaic Temple by diffendale.

[24 other related photos...](#)

Use this tag in Flickr to mark [depictions](#) of this place's site(s):
`pleiades:depicts=442810`

or this one to mark [objects](#) found here:
`pleiades:findspot=442810`

Related Content from Pelagios

[Taras/Tarentum /Neptunia](#)

References:

Evidence:

- Liv. 23.32.16.4, 23.32.18.1
- Strab, (Meineke: Perseus) 6.3.2
- TP 6B1 (Talbert 1380)

See Further:

- AttiMGrecia 10 (1970)
- BAtlas 45 F4 Taras/Tarentum/Neptunia
- Hdt. 7.170
- Lippolis 1997, 41-55, 135-82
- New Pauly, Taras [2]
- PECS (Perseus), TARAS later Tarentum (Taranto) Apulia, Italy
- Paus. 10.10.6
- RE Tarentum 1
- Smith 1854 (Perseus), TARENTUM
- Thuc. 8.91.2
- Wikipedia (Italian), Tempio di Poseidone (Taranto)
- Wikipedia, Taranto

Related:

- GeoNames 3165926
- TM GEO ID 2267

Initial Provenance:

Barrington Atlas: BAtlas 45 F4 Taras/Tarentum/Neptunia

Details:

The Barrington Atlas Directory notes: Taranto

Alternate representations:

Atom, JSON, KML, KML (Neighborhood), RDF+XML, Turtle

Suggested citation:

I.E.M. Edlund Berry, A.M. Small, DARMC, R. Talbert, Sean Gillies, Johan Åhlfeldt, Jeffrey Becker, and Tom Elliott, 'Taras/Tarentum/Neptunia: a Pleiades place resource', *Pleiades: A Gazetteer of Past Places*, 2016 <<https://pleiades.stoa.org/places/442810>> [accessed: 10 October 2016] 

Cite this resource in Wikipedia:

```
 {{cite web |url=https://pleiades.stoa.org/places/442810 |title=Places: 442810 (Taras/Tarentum /Neptunia) |author=Edlund Berry, I., A. Small |accessdate=October 10, 2016 12:36 pm |publisher=Pleiades}}
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[view](#)[Sharing](#)[Aliases](#)[Actions ▾](#)

State: Publish

You are here: [Home](#) → [Ancient Places](#) → [Solumtum](#) → Solous

Solous

a Pleiades name resource

Creators: Valeria Vitale

Contributors: Jonathan Prag, Jeffrey Becker

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Last modified Jan 05, 2016 01:42 PM — [History](#)

Romanized Name(s):

Solous

Name as attested:

Σολοῦς

Language:

Greek (ancient)

Name type:

geographic name

Accuracy of transcription:

accurate

Level of transcription completeness:

complete

Level of certainty in association between name and the place:

Certain

Temporal attestations:

- Hellenistic-Roman Early Empire (330 BC – AD 300) (confident)

References:

Evidence:

- Diod. (Perseus) 14.45

WHAT IF WE DON'T HAVE ALL THESE PIECES OF INFORMATION?

▶ Place only

We know that a place existed (or was supposed to exist) but we may or may not know its location or name.

▶ Name only

We found attestation of a name but we don't know to what it refers, or where the referent was located.

▶ Location only

We know that a place existed (thanks to archaeological data) but we don't have enough historical knowledge about it and we ignore its name.



A. Kauffman, Calypso calling heaven and earth to witness her sincere affection to Ulysses.
Source: Wikimedia

MULTIPLE NAMES

- ▶ Different languages
- ▶ Variant attested spellings
- ▶ Ancient and modern
- ▶ Different excavations teams and/or scholarly traditions



Roman milestone XXIX on Via Romana XVIII – the road linking the Iberian cities of Bracara Augusta and Asturica Augusta. Source:Wikipedia

Canonical URI for this page:

<https://pleiades.stoa.org/places/780913480>



Red titles indicate drafting-state items. Yellow titles indicate pending-state.

Representative Point (Latitude, Longitude):

40.7490478, 14.4847266



Locations:

- OSM location of so-called "Tempio di Apollo" (750 BC - AD 300)

[Add Location](#) ▾

Names:

- [Aedes of Apollo](#) (modern) [drafting by Valeria Vitale]
- [Aedes of Venus Pompeiana](#) (modern) [drafting by Valeria Vitale]
- [House of the Dwarfs](#) (modern) [drafting by Valeria Vitale]
- [Tempel der Ceres](#) (modern) [drafting by Valeria Vitale]
- [Tempel der Ceres und Venus](#) (modern) [drafting by Valeria Vitale]
- [Tempio di Apollo](#) (modern) [drafting by Valeria Vitale]
- [Tempio di Mercurio e Maia](#) (Tempio di Mercurio e Maia; modern) [drafting by Valeria Vitale]
- [Tempio di Venere Fisica](#) (modern) [drafting by Valeria Vitale]
- [Tempio di Venere Physica Pompeiana](#) (modern) [drafting by Valeria Vitale]
- [Tempio di Venere e collegio dei Venerei](#) (Tempio di Venere e collegio dei Venerei; modern) [drafting by Valeria Vitale]
- [Tempio ipetero](#) (modern) [drafting by Valeria Vitale]
- [Temple of Bacchus](#) (Temple of Bacchus; modern) [drafting by Valeria Vitale]
- [VII.7.32](#) (modern) [drafting by Valeria Vitale]

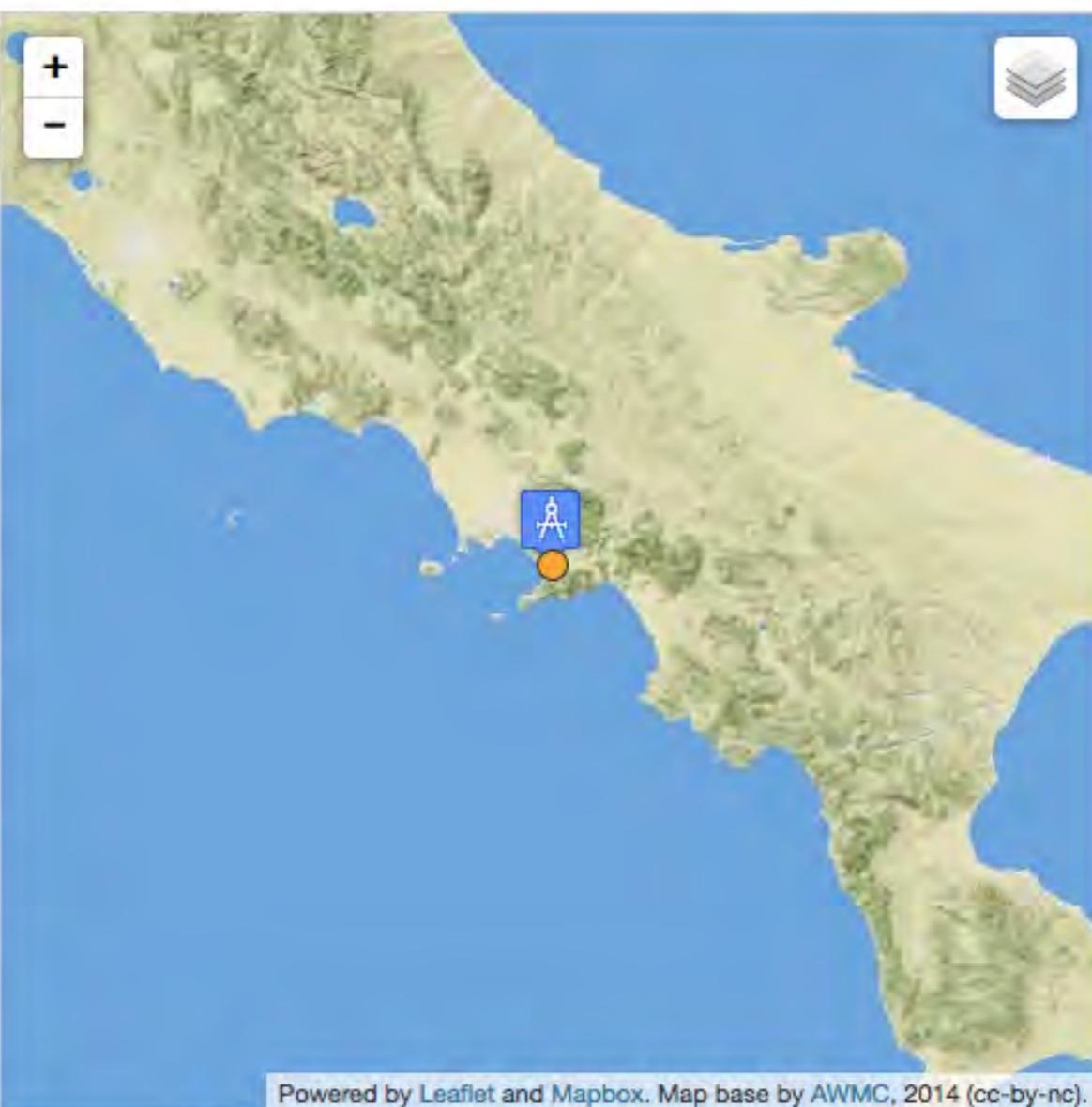
[Add Name](#)



Makes a connection with:

- Pompeii (Attested dates needed)

[Add Connection](#)



place's site(s):

[pleiades:depicts=780913480](#)

or this one to mark objects found here:

[pleiades:findspot=780913480](#)

Related Content from Pelagios

This place is unknown to Pelagios.

[Pelagios Datasets](#)

Editing Places

[Citation Guide](#)

[Pleiades Contributor Agreement](#)

[Pleiades Data Model](#)

[Reference: Attributes of Places](#)

[Technical Introduction to Places](#)

MULTIPLE LOCATIONS

- ▶ Different sources
- ▶ Different levels of accuracy
- ▶ Different geo-historical entities

MODELLING UNCERTAINTY

- ▶ Using the conventions in the Barrington Atlas (question mark, asterisk, etc...)
- ▶ Careful phrasing of the information, especially about location
- ▶ Using details to give further clarification
- ▶ Using relationships to represent uncertain and/or conflicting sources



Cranach the Elder, The judgement of Paris

CREATING LINKS, REPRESENTING CONNECTIONS

- ▶ Models geographical and historical uncertainties
- ▶ Visualises connections
- ▶ Facilitates and enriches searching functions



Paolo Veronese, Arachne. Source: Wikipedia

AUTHORSHIP

- ▶ The person created a resource page is the “creator”, but many others can add and improve information as “contributors”
- ▶ Authorship is clearly stated for each entry, and is citable.
- ▶ Pleiades entries can be considered “micro publications”

CREATE A NEW ENTRY IN PLEIADES

- ▶ Create an account,
- ▶ Check that the entity doesn't exist already (maybe with another name),
- ▶ If you have a location, enter the coordinates, or input the location from Open Street Map through the direct import functionality,
- ▶ Have your sources ready!
- ▶ Save and submit, then wait for the entry to be checked and approved.

MODIFY AN ENTRY IN PLEIADES

- ▶ Create a working copy
- ▶ Add the new information, with references
- ▶ Save and submit your working copy

The screenshot shows the Pleiades application interface. At the top, there is a navigation bar with links for Accessibility, Contact, Help, Join/Login, Site Status, and a user profile for Valeria Vitale. Below the navigation bar, there is a header with tabs for Data, Blog, Credits, Documentation, and Vocabs. The main content area displays a map of Sicily with a blue marker indicating a specific location. To the right of the map, there is a detailed entry for a place, likely Pachynum Pr. The entry includes a title, a description mentioning Jeffrey Becker and Tom Elliott, and a note about the Creative Commons Attribution 3.0 License (cc-by). There is also a "Actions" dropdown menu with options for Cut, Copy, Delete, Rename, and Check out. On the right side of the screen, there are sections for Photos, Related Content from Pelagios, and Pelagios Datasets.

Accessibility Contact Help Join/Login Site Status
Valeria Vitale Dashboard Log out My Folder

Data Blog Credits Documentation Vocabs

Actions ▾ State: Published ▾

Cut Copy Delete Rename Check out

Jeffrey Becker, Tom Elliott
terms of the Creative Commons Attribution 3.0 License (cc-by).

Photos

This place has no portrait photo. One from the list of related photos could be suggested for the Pleiades Places group on Flickr.

0 other related photos...

Use this tag in Flickr to mark depictions of this place's site(s):
`pleiades:depicts=462405`

or this one to mark objects found here:
`pleiades:findspot=462405`

Related Content from Pelagios

Pachynum Pr.

Pelagios Datasets