PLEIADES:
BEYOND THE BARRINGTON ATLAS

RICHARD TALBERT, PRINCIPAL INVESTIGATOR
SEAN GILLIES, CHIEF ENGINEER
PLEIADES PROJECT, ANCIENT WORLD MAPPING CENTER
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, U.S.A.

http://pleiades.stoa.org
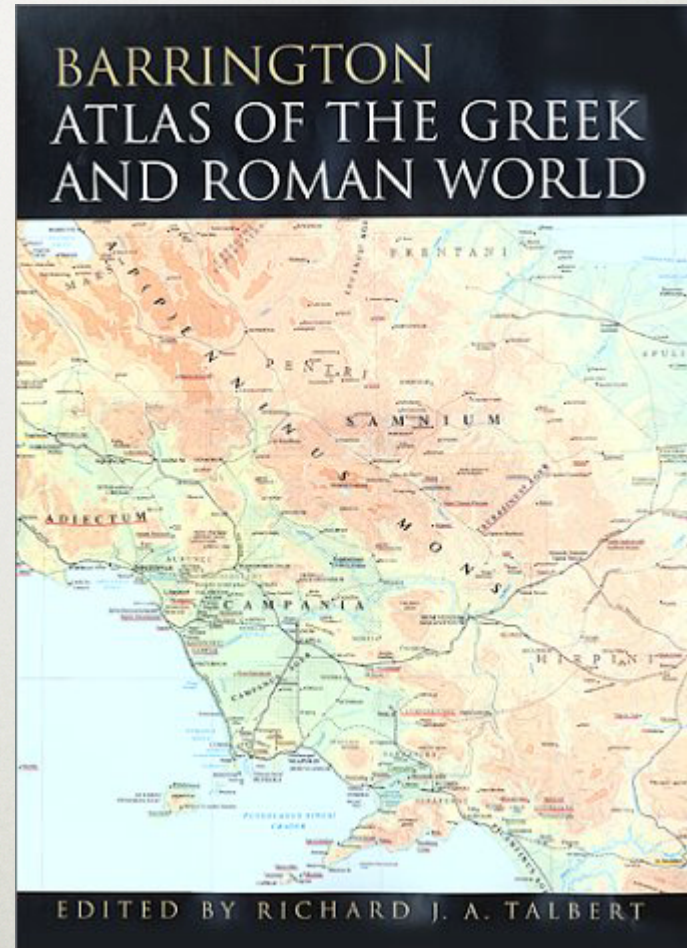
Using New Technologies to Explore Cultural Heritage
National Endowment for the Humanities ~ Consiglio Nazionale delle Ricerche
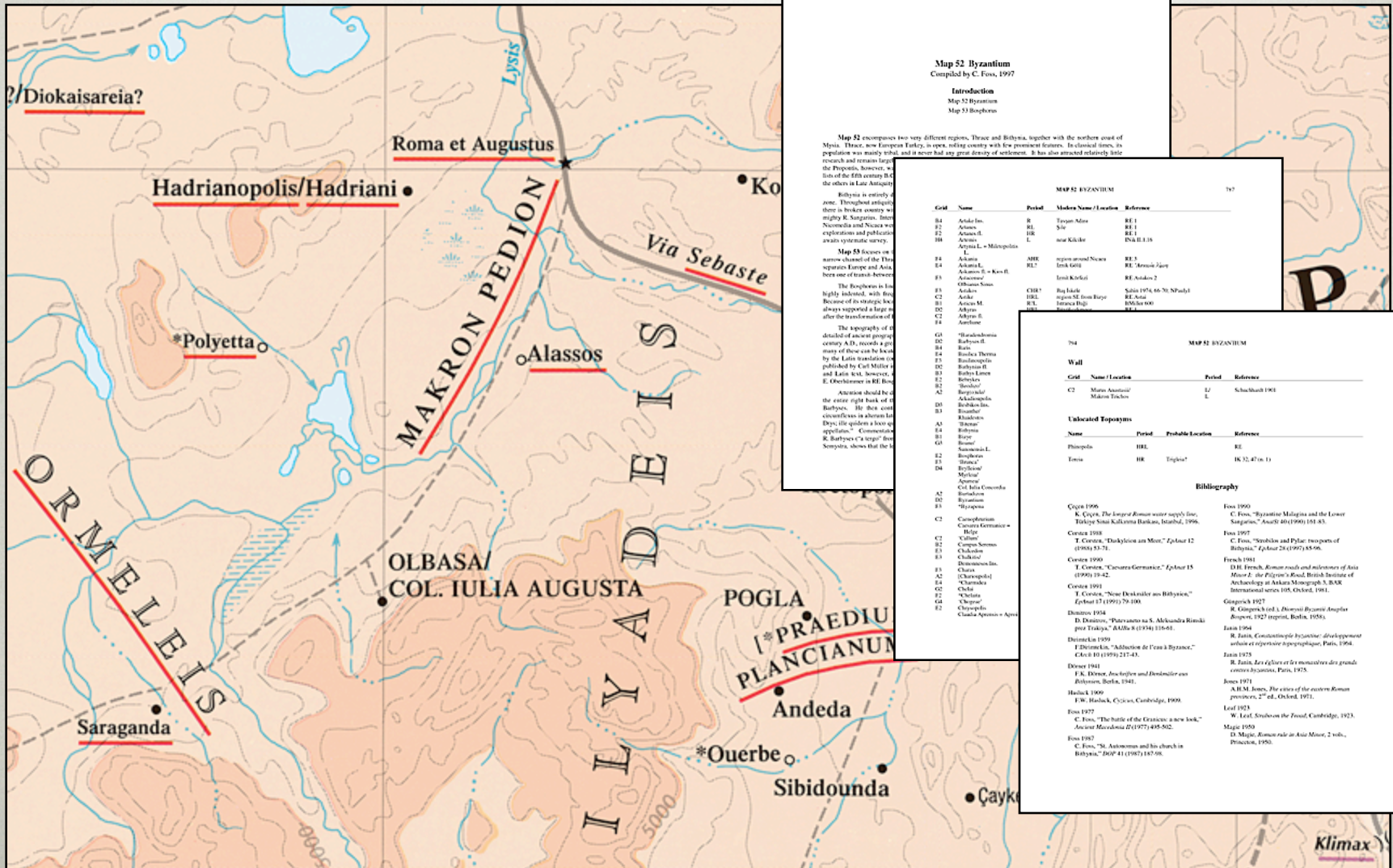5 October 2007, Washington D.C., U.S.A.

Pleiades Project Overview

- Perpetual update, diversification and dissemination of the Classical Atlas Project dataset

- Open for public participation in early 2008

Barrington Atlas:
Map 65 and Directory

Ancient Places in Pleiades

Links to Name-Location Associations

LINKS TO NAMES

Apollonia/Sozousa/Portus Cyrenorum

last modified: 04 September 2007 11:28
author: D.J. Mattingly
contributor: R. Talbert, T. Elliott, S. Gill...

⊞ History
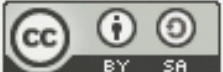
Modern Location:
Marsa Susa

Name-Location Associations:

- Apollonia
- Sozousa
- Portus Cyrenorum

Alternate representations:

- Atom (GeoRSS)
- KML

Place Type:
settlement

Certainty of association:
certain

Locations:
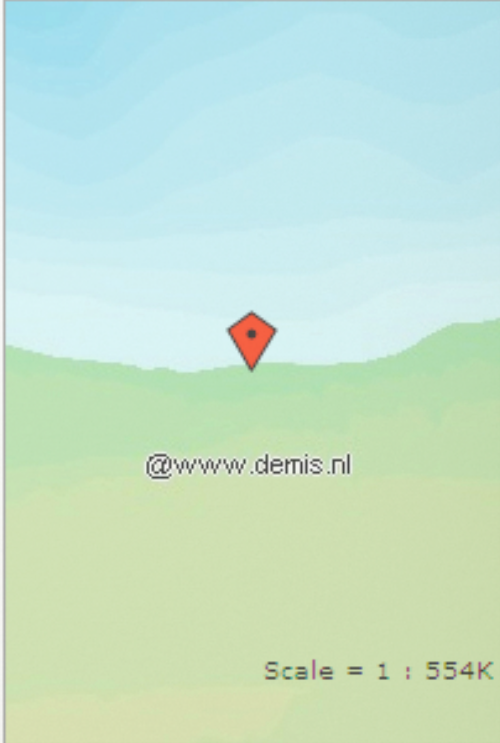
- 🌐 Point 941250347

Names:

- 📄 Apollonia

Secondary References:

- BAtlas 38 C1 Apollonia/S
- Humphrey 1976
- Purcaro Pagano 1976 32
- Laronde 1996
- Stucchi 1975 358

Apollonia

last modified: 01 October 2007 12:52
author: D.J. Mattingly
contributor: R. Talbert, T. Elliott, S. Gillies, B. Turner

⊞ **History**

Name as Attested:
Ἀπολλωνία

Language and Writing System:
Greek (ancient)

Transliterated name:
Apollonia

Name type:
geographic name

Accuracy of Attestation:
accurate

Completeness of Attestation:
complete

Temporal attestations:

- Attested: Archaic (pre-550 BC)
- Attested: Classical (550 - 330 BC)
- Attested: Hellenistic/Republican (330 - 30 BC)
- Attested: Roman (30 BC - AD 300)
- Attested: Late Antique (AD 300 - 625)

Primary References:

- Ptol., Geog. 4.4.5.2
- Strab. 17.3.20.59

Pleiades follows best open source practices

- Based on our experiences with <u>EpiDoc</u>, <u>MapServer</u> and <u>Plone</u>

- Informed by Karl Fogel's "Producing Open Source Software"

- Uses <u>Subversion</u> and <u>Trac</u>

- Networked with other open source projects

Pleiades Data Model

- Models our understanding of ancient geography

- Locations

- Names

- Places and temporal attestations

- References

Pleiades Site and Services

- Based on Plone (http://plone.org)

- Entity implements the model

- Geocoder provides KML and GeoRSS

- OpenLayers provides a map interface

- Web-style service architecture

- Implements Web and GIS standards

Phase I (early '08): Perpetual Update

- Core capability for Phase I: collaborative, web-based editing environment

- Users suggest improvements to content

- Users provide rationale and citations (including web links)

- Suggestions are rigorously reviewed

- Changes are tracked, versioned and attributed

Phase II: interoperability

- Address humanities geocomputing challenges: expense, expertise, complexity, data readiness, sustainability

- Implement web services for geohistorical data processing

- Produce free, open source mapping toolkit

Phase II: interoperability

- Collate geographic metadata in key projects with Pleiades

  - Primary sources (epigraphy, papyrology, numismatics, literature)

  - Modern literature (analysis, reference, bibliographic review)

  - Archaeological data

  - Multimedia resources

Phase II: interoperability

- Examples:
  - Ethnica recorded by the Lexicon of Greek Personal Names
  - Mints in the American Numismatic Society database
  - Epigraphic findspots in the Epigraphische Datenbank Heidelberg

Collaborating partners

- Advanced Papyrological Information System (New York)

- American Numismatic Society (New York)

- Campo Arqueologico de Tavira (Portugal)

- Centre for Computing in the Humanities, King's College (London)

- Center for Hellenic Studies (Washington)

- Collaboratory for GIS and Mediterranean Archaeology (Greencastle, Indiana)

- Duke Databank of Documentary Papyri (Durham, North Carolina)

- Electronic Archive of Greek and Latin Epigraphy (Rome, Heidelberg, Bari)

Collaborating partners

- Electronic Cultural Atlas Initiative (Berkeley)

- EpiDoc: Epigraphic Documents in TEI XML

- Exploitations agricoles et espace rural antiques (Lille)

- Heidelberger Gesamtverzeichnis der griechischen Papyrusurkunden Ägyptens

- Lexicon of Greek Personal Names (Oxford)

- Open Context (Berkeley)

- Perseus Digital Library (Boston)

- Portable Antiquities Scheme (London)

- Stoa Consortium for Electronic Publication in the Humanities (Lexington, Kentucky)

Demonstration

- Two emerging geospatial standards

- KML: search and view Pleiades places using Google Earth

- GeoRSS: manipulate Pleiades places using Yahoo Pipes

- GeoRSS: geoprocessing feeds using Mush

Pleiades:
Beyond the Barrington Atlas

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Sean Gillies, chief engineer
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