

# SNAP initial data part 1: the Lexicon of Greek Personal Names

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## First data sets

The first task of SNAP is to work with three large projects and establish a methodology of linking.



# Lexicon of Greek Personal Names

A major research project since the 1970s at Oxford, LGPN records occurrences of Greek names from 700 BC to 700 AD, incidentally forming a prosopographical source.



# Trismegistos

An interdisciplinary portal of papyrological and epigraphical resources dealing with Egypt and the Nile valley between roughly 800 BC and AD 800 currently expanding its geographical scope to the Ancient World in general.



# Prosopographia Imperii Romani

- Long-standing project of Berlin-Brandenburgische Akademie
- 10,924 records available in RDF form



# The Lexicon of Greek Personal Names

- Started in 1972 as a British Academy Major Research Project to collect and publish all known ancient Greek personal names from the 7th century BC to the 7th century AD.
- Aimed at printed volumes arranged geographically (seven published to date)
- The volumes published so far reference c. 250,000 individuals, with c. 36,000 distinct names from c. 4000 locations in the ancient world.
- <http://www.lgpn.ox.ac.uk>



# Lexicon data categories

## The LGPN records

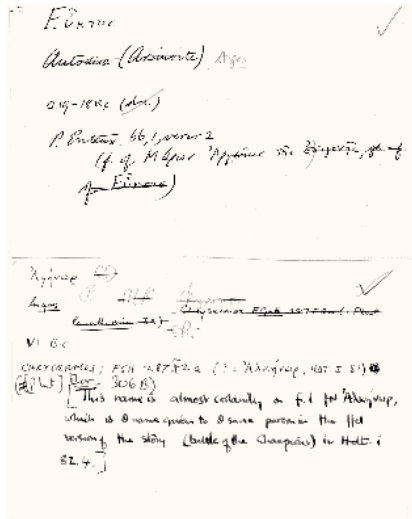
- 1 A normalized primary name form
- 2 Sex of person named
- 3 Place of attestation
- 4 Date of the attestation (which can vary wildly in precision)
- 5 Bibliographical references
- 6 Assorted other data:
  - placename variations e.g. alternative places of birth or citizenship
  - name variants (orthography, dialect), corrections etc
  - parent/child relationships to other *people*)
  - status or profession
  - editorial corrections/alterations to the record



## So the key principles of LGPN are

- Record the occurrence of an attested **name**
- Supply **location** and **date** (period)
- At least one bibliographical **reference**
- (optionally) name variants, professions, relationships, notes etc

The inference of a **person** is a side effect.





## What's not?

LGPN has some characteristics which come from both its age and its aims:

- it is not strictly a prosopography
- relationships between people are slightly incidental
- sources are bibliographical references and not directly to a source text go
- the project predates geo-linking (though some has been retrofitted)



## Example data

In the compact text form of the Lexicon data, a record looks like this:

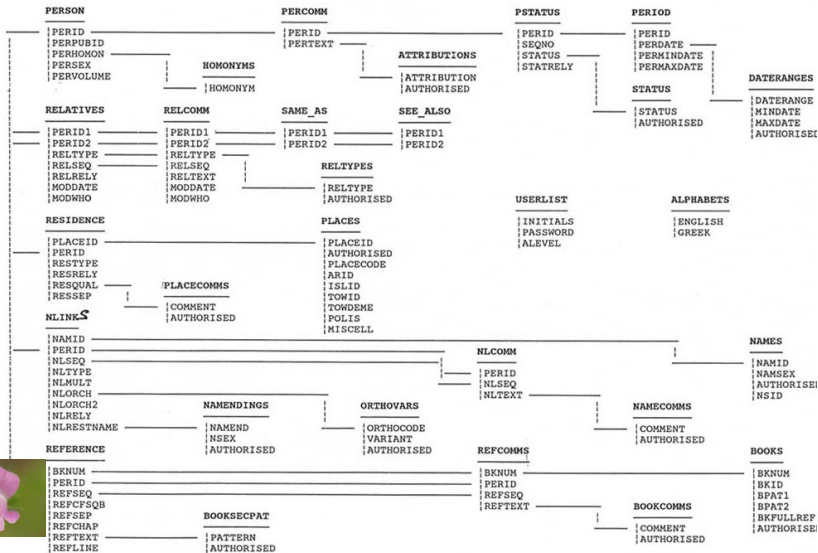
```
Nani1s (f) @ Athens? @ F4B @ +IG II<2> 12229 @ (%_ Na!nei1s!)
```

Which says that there is a record of someone called *Navίς*, a woman, probably from Athens, in the first half of the 4th century BC, with a bibliographical reference (publication of an inscription). The name is normalized from the attested form which has the syllable *veίς*.



# Practicalities

The data are managed in a relational database with quite a complex structure



# Transformations

- To TeX, to typeset the books
- To HTML to make online search
- To XML against the the Text Encoding Initiative Guidelines for longer-term preservation and interchange
- To RDF against the CIDOC CRM ontology for exposure via CLAROS
- To assorted forms of JSON, CSV, KML etc



# The book

3

## Ἀριστίων

NNM 68 p. 44 no. 8 (coin) (s. Φλόιος: date—P.K.); (5) 208 BC *Asyilia* 79, [6]: 81, 9, 43 = *IG IX 1 (1)*<sup>2</sup> (2) 582; *Asyilia* 82, 3, 40 [Ἀριστία] (acc.)—*Asyilia* 79: s. Γόργαος) ?=: (6) c. 220–200 BC *Kraay-Morkholm Essays* p. 139 n. 9 (coin) (Ἀρισ[τένης]: f. Γόργαος: name—P.K.); (7) 208 BC *Asyilia* 120, 13 (Ἀριστέος (gen.)); (8) ii–i BC? *IMM* 214 (s. Ζήνων); (9) f. ii BC *IG XII* (6) 173, 12 (s. Ζηνάδοτος); (10) c. 185 BC *Syll*<sup>3</sup> 589, 1 = Sokolowski 1 32; *Milet* 1 (3) 148, 91 = Ager 109; cf. *Chiron* 19 (1989) pp. 279 ff. (date) (s. Δημήτριος) ?=: (11) c. 210–200 BC *Kraay-Morkholm Essays* p. 138 nos. 2–4 with n. 6 (coin) (s. Δημήτριος: date—P.K.); (12) c. 155–145 BC *ANSMN* 24 (1979) pp. 106–8 nos. 26–34; *Kraay-Morkholm Essays* p. 145 no. 21; *SNG Kayhan* 425 (coin) (f. Ἐράσιππος)

## Ἀριστίων

MAGNESIA: (1) i BC *IMM* 131, 5 (f. Πλουταρχίς Μονίς)

## Ἀριστοβούλος

MAGNESIA: (1) imp. *IMM* 304, 4 (s. Τρυφώσα)

= Moretti, *IAG* 62 b ([Ἄρι]στώνικος—Kern, [πλε]στώνικος—Moretti: ?f. Δημοκράτης)

## Ἀριστοφών

MAGNESIA: (1) s. iv BC *IMM* 260, 1; cf. *ITrall* 1 p. 220 no. 11 (s. Τιμοκράτης)

## Ἀρίστην

MAGNESIA: (1) f. ii BC *Syll*<sup>3</sup> 960, 7 (s. Ἄρ—)

## Ἀρκεσίλαος

MAGNESIA: (1) f. ii BC *IMM* 108

## Ἀρκεσίλας

MAGNESIA: (1) s. ii BC *IMM* 101, 3, 9, 40, 68 (f. Σωκράτης)

## Ἀρκετέκτων

MAGNESIA: (1) hell.–imp. *IMM* 356 (n. pr.?)

## Ἀρτεμιάς

MAGNESIA: (1) imp. *IMM* 354 a (vase); (2) iii/iv AD *IMM* 122 d, 13

## Ἀρτεμίδωρος

## Βάσσοις

### Ἀρχικλῆς

MAGNESIA: (1) ii BC? LBW 92, 2; cf. Stephanis 907 (Ἀρχικλείου (gen.): s. Διότιμος, f. Ἐρμότιμος)

### Ἀσκληπιάδης

MAGNESIA: (1) hell.? *IMM* 271, 1 (s. Μενεκράτης); (2) – *IMM* 271, 3 (11 s. Ἀσκληπιάδης 1); (3) – *IMM* 271, 4 (1 f. Ἀσκληπιάδης 11)

### Ἀστράγαλος

MAGNESIA: (1) imp.? *IMM* 326

### Ἀστούκεια

MAGNESIA: (1) iii/iv AD *IMM* 122 a, 10

### Ἀταραχανός

MAGNESIA: (1) iii/iv AD *IMM* 122 b, 10–15 (estate)

### Ἀτρήματος

MAGNESIA?: (1) c. 325–300 BC *SEG* xxvi 909, 2, [16], 19, 25; cf. *LGPN* II s.v. (2)

### Ἄτταλος

MAGNESIA: (1) ii/i BC *IMM* 88 c, 1



# TEI XML

```
<person n="5a-1" xml:id="V5a-57002">
  <sex value="1"/>
  <persName type="main" nymRef="#nAgealnox">Ἀγείναξ</persName>
  <birth notAfter="-0100" notBefore="-0100">
    <placeName key="LGPN_50834">Pitane</placeName>
  </birth>
  <floruit>ii-i BC</floruit>
  <state key="#relationship">
    <label>f. <persName type="relationship" xml:lang="el-
grc" nymRef="#nMoscilwn">Μοσχίων</persName>
  </label>
  </state>
  <bibl>
    <title>REA</title> 4 (1902) p. 86 no. 2</bibl>
</person>
```



# Simple web display

place: Lemnos

52 results

[Direct link for this search](#)

Download these results as: [XML](#) [JSON](#) [KML](#) [CSV](#) [RDF](#)

Table

Map

Display 50 records

Search:

ID	Vol.	PubID	Name	Sex	Place	Floruit	References
V1-41752	1	20	Άρτεμισία	[f.]	Lemnos	imp.	ASAA 15-16 (1932-3) p. 292 no. 1, 5 (-μει-)
V1-41753	1	3	Φοίβος	[m.]	Lemnos	imp.	ASAA 15-16 (1932-3) p. 292 no. 1, 6 (-κιος Φοίβος)
V1-41754	1	36	Νικοκλής	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 1 (-κλής)
V1-41755	1	54	Άρχιός	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 12
V1-41756	1	23	Ἐπικλῆς	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 13 (-κλής)
V1-41757	1	2	Ἀριστάλλος	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 14
V1-41758	1	18	Διόγγιτος	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 15
V1-41759	1	70	Διόδωρος	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 2
V1-41760	1	1	Εὐλάδης	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 3
V1-41761	1	50	Ἐπιγένης	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 4
V1-41762	1	2	Ἄγνόθεος	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 5
V1-41763	1	12	Πρωτόμαχος	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 6
V1-41764	1	1	Χαρπικλῆς?	[m.]	Hephaestia	iv BC	ASAA 15-16 (1932-3) p. 304 no. 10, 9 (Χαρπικ[λήνης])
V1-41765	1	164	Θεόδωρος	[m.]	Hephaestia	iii-ii BC	ASAA 15-16 (1932-3) p. 314 no. 18
V1-41766	1	1	Μυρρίνη	[f.]	Lemnos	iii BC	ASAA NS 3-4 (1941-3) p. 91 no. 12 (m. Ἀμεινοκ-)
V1-41770	1	28	Ἐρωτων	[m.]	Hephaestia	vi/v BC	FGH 103 F 18; D.S. x 19. 6
V1-41771	1	1	Ναυσικύδης	[m.]	Hephaestia	vi/v BC	GV/1457



# Mapping

name: Σώστρατος

463 results

[Direct link for this search](#)

Download these results as:

[XML](#)

[JSON](#)

[KML](#)

[CSV](#)

[RDF](#)

Table

Map







# Implementation for SNAP

Managed as a transformation to RDF from the TEI XML format

```
<lawd:Person
  rdf:about="http://www.lgpn.ox.ac.uk/id/V5a-57002">
  <dc:date>-0200/-0100</dc:date>
  <lawd:where
    rdf:resource="http://www.lgpn.ox.ac.uk/placecode/LGPN_50834"/>
  <foaf:name xml:lang="grc-Latn">Ageanax</foaf:name>
  <lawd:hasName
    rdf:resource="http://www.lgpn.ox.ac.uk/nym/nAgealnax"/>
  <lawd:hasAttestation
    rdf:resource="http://www.lgpn.ox.ac.uk/id/V5a-
57002/personref/1"/></lawd:Person>
<lawd:PersonalName
  rdf:about="http://www.lgpn.ox.ac.uk/nym/nAgealnax">
  <dc:publisher
    rdf:resource="http://www.lgpn.ox.ac.uk/">
  <lawd:primaryForm xml:lang="grc">Ἀγέαναξ</lawd:primaryForm>
  <lawd:primaryForm xml:lang="grc-
Latn">Ageanax</lawd:primaryForm></lawd:PersonalName>
```



... and ...

```
. <Description
  rdf:about="http://www.lgpn.ox.ac.uk/id/V5a-57002/personref/1">
  <type
    rdf:resource="http://lawd.info/ontology/Attestation"/>
  <type
    rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
  <cito:citesAsEvidence
    rdf:resource="http://www.lgpn.ox.ac.uk/id/V5a-57002/ref/1"/>
  <dc:publisher
    rdf:resource="http://www.lgpn.ox.ac.uk/">
  <cnt:chars>Ἀγέλαξ</cnt:chars></Description>
<lawd:Citation
  rdf:about="http://www.lgpn.ox.ac.uk/id/V5a-57002/ref/1">
  <type
    rdf:resource="http://www.w3.org/2011/content#ContentAsText"/>
  <cnt:chars>REA 4 (1902) p. 86 no. 2</cnt:chars></lawd:Citation>
```



## possibly more readably

```
@prefix dc:      <http://purl.org/dc/elements/1.1/> .
@prefix cnt:    <http://www.w3.org/2011/content#> .
@prefix foaf:   <http://xmlns.com/foaf/0.1/> .
@prefix cito:   <http://purl.org/spar/cito/> .
@prefix rdf:    <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix lawd:   <http://lawd.info/ontology/> .
<http://www.lgpn.ox.ac.uk/id/V5a-57002>
a
    lawd:Person ;
lawd:hasAttestation <http://www.lgpn.ox.ac.uk/id/V5a-57002/personref/1> ;
lawd:hasName        <http://www.lgpn.ox.ac.uk/nym/nAgealnax> ;
lawd:where          <http://www.lgpn.ox.ac.uk/placecode/LGPN_50834> ;
dc:date             "-0200/-0100" ;
foaf:name           "Ageanax"@grc-Latn .
<http://www.lgpn.ox.ac.uk/nym/nAgealnax>
a
    lawd:PersonalName ;
lawd:primaryForm    "Ἀγεάναξ"@grc , "Ageanax"@grc-Latn ;
dc:publisher        <http://www.lgpn.ox.ac.uk/> .
```



... and ...

```
<http://www.lgpn.ox.ac.uk/id/V5a-57002/personref/1>  
a          lawd:Attestation , cnt:ContentAsText ;  
dc:publisher    <http://www.lgpn.ox.ac.uk/> ;  
cito:citesAsEvidence  <http://www.lgpn.ox.ac.uk/id/V5a-57002/ref/1> ;  
cnt:chars      "Άγεάναξ" .  
<http://www.lgpn.ox.ac.uk/id/V5a-57002/ref/1>  
a          lawd:Citation , cnt:ContentAsText ;  
cnt:chars    "REA 4 (1902) p. 86 no. 2" .
```



## Problems

- The source for a name attestation is given as a textual bibliographical reference eg *IG XII (7) 269, 2*, not directly linked to the inscription online. The references are also multiple, and secondary as well as primary (eg *IG II2 672, 4; 2797, 4, 11; Ag. XV 79; = Tracy, Athens and Macedon p. 175, 5; Ag. XV 80 & Prak. Wilhelm p. 319; SEG XXXVIII 74, [5]; = PA 14395*).
- Relationships between people in LGPN are shown textually, and not resolved into links in most of the database. When we see Φίλιππος (s. Ἀστυκρέων, f. Ἀστυκρέων), we do not record *which* Ἀστυκρέων are meant.
- The published volumes of LGPN do not show a unique ID for each person, but simply list people by region, by name and in chronological order. The reader seeing Αὐτοκλῆς cannot unambiguously locate him again in the online system or in SNAP.

