

World Historical Gazetteer



whgazetteer.org
blog.whgazetteer.org

Linked Pasts VI

10-11 December, 2020

World Historical Gazetteer



The University of Pittsburgh

World History Center



University of Pittsburgh



USABLE? USEFUL?

LINKED OPEN DATA

NEH-funded project at the
University of Pittsburgh's
World History Center (WHC)
(2017-2020)

Ruth Mostern (WHC Director)
Principal Investigator

Karl Grossner
Technical Director & Lead Developer

Susan Grunewald
WHC post-doctoral fellow

Ali Straub
WHC Research Associate

Patrick Manning (WHC Founder)
Project consultant

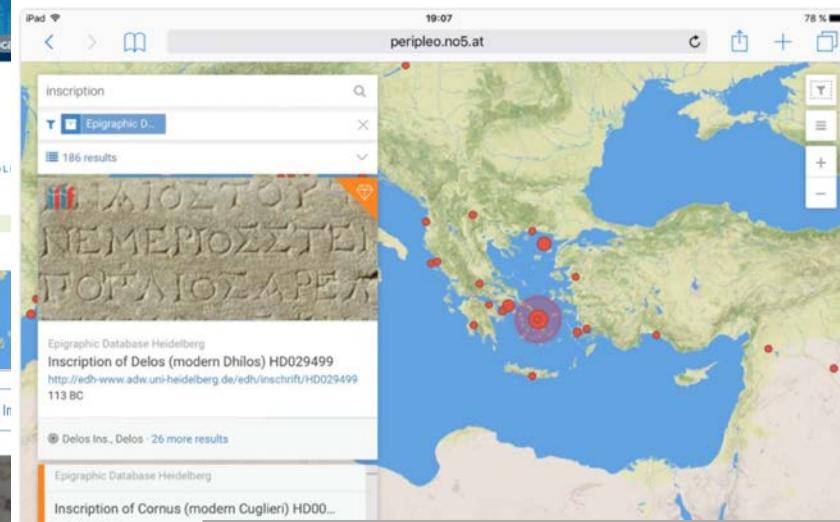
<http://whgazetteer.org>

Ancestry: following on from Pelagios' Periploeo, which was seeded by the Pleiades gazetteer

<http://pleiades.stoa.org>

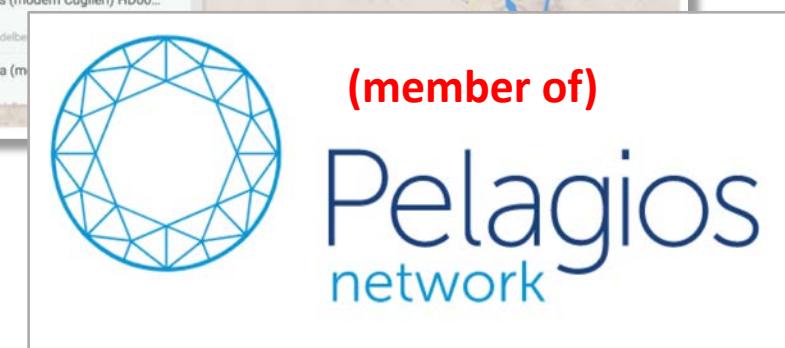
The screenshot shows the Pleiades gazetteer website. At the top, there's a navigation bar with links to Home, Browse Places, Download Data, Blog, Credits, Documentation, and Vocabulary. Below the navigation, a section for 'Athenae' (a Pleiades place resource) is displayed, featuring a map of ancient Greece and detailed information about the city-state of Athens.

<http://peripleo.pelagios.org>



<http://recogito.pelagios.org>

The screenshot shows the Recogito semantic annotation tool. It features a map of ancient Greece and a registration form for creating a user account. The form includes fields for 'Pick a username', 'Your email address', 'Create a password', and a 'Register for Recogito' button. There's also a checkbox for agreeing to terms and conditions.



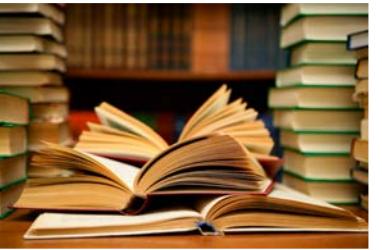
Workshop Plan

Thursday

- Some context
- Tour of features and services
- Demo
- Test and play (example data, your data?), Q & A

Friday

- How did that go?
- Q & A + discussion
- Up to you...something on traces?



Numbered Name	Latin Name	Spanish Name	Portuguese Name	French Name	Italian Name	German Name	Swedish Name	Dutch Name	English Name
1. Corinto	Corinthia	Lagos	Lagos	Lodilla	Lodilla	Lodilla	Lodilla	Lodilla	Lodilla
2. Pisias	Pisias	Bonias	Bonias	Sodilla	Sodilla	Sodilla	Sodilla	Sodilla	Sodilla
3. Gathuland	Gathuland	Spanich	Galinas	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich
4. Tauri	Tauri	Ducas	Ducas	Dodilla	Dodilla	Dodilla	Dodilla	Dodilla	Dodilla
5. Cipangu	Cipangu	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas
6. Agripina	Agripina	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas
7. Scipione	Scipione	Campanas	Campanas	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich
8. Pueraria	Pueraria	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas	Bogilas
9. Hyspa	Hyspa	Mytilis	Mytilis	Rige	Rige	Rige	Rige	Rige	Rige
10. Iulianum	Iulianum	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich
11. Sicilia	Sicilia	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich
12. Andalucia	Andalucia	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich
13. Castilia	Castilia	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich
14. Barca Arica	Barca Arica	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich
15. Myga	Myga	Mytilas	Mytilas	Mytilas	Mytilas	Mytilas	Mytilas	Mytilas	Mytilas
16. Pueraria	Pueraria	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich	Spanich



YURACARES, a river of the province and government of Santa Cruz de la Sierra, in Peru. It rises in the *cordillera*, from various streams which unite, runs *n.* and enters the Marmoré, in the country of the Indians, from whence it takes its name.

YURANI, a river of the province and government of Guayana; which rises from a lake in the mountains of the *e.* coast, runs from *n.* to *s.* and enters the river Cuyuni just before this joins the sea.

YURAYACO, a settlement of the province and *corregimiento* of Chancay in Peru; annexed to the curacy of the settlement of Canchas.

YURI, a small river of the province and government of Guayana or Nueva Andalucía. It rises in the *sierra* of Maiguatida; runs *e.* and enters the Arebato.

YURIMA, a river of the province and *corregimiento* of Pomabamba in Peru. It runs *n.* and turning its course to *e.* forming an *S.* enters into the large river Beni.

YURIMAGUAS, a barbarous nation of Indians inhabiting the woods *e.* of the Marañón,

```

"birthYear": 1866,
"date": "1866\u20131944",
"death": {
"place": {
"name": "Neuilly-sur-Seine, France",
"placeName": "Neuilly-sur-Seine",
"placeType": "inhabited_place"
},
"time": {
"startYear": 1944
}
},
"fc": "Wassily Kandinsky",
"gender": "Male",
"id": 1382,
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"movements": [
{
"era": {
"id": 8,
"name": "20th century 1900-1945"
},
"id": 294,
"name": "Bauhaus"
}
],

```

lement of Zelaya, in



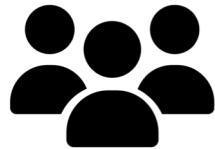
Y U R		439
YURACARES , a river of the province and government of Santa Cruz de la Sierra, in Peru. It rises in the <i>cordillera</i> , from various streams which unite, runs <i>n.</i> and enters the Marañón, in the country of the Indians, from whence it takes its name.		
YURANI , a river of the province and government of Guayana: which rises from a lake in the mountains of the <i>e.</i> coast, runs from <i>s.</i> to <i>e.</i> and enters the river Cayuni just before this joins the Orinoco.		
YURAYACO , a settlement of the province and <i>cercamiento</i> of Chancay in Peru; annexed to the curacy of the settlement of Canchas.		
YURI , a small river of the province and government of Guyana, in Nueva Andalucía. It rises in the <i>sierra</i> of Maimondí, runs <i>e.</i> and enters the Arebata.		
YURIBA , a river of the province and <i>cercamiento</i> of Potosí in Peru. It runs <i>n.</i> and turning its course to <i>e.</i> forming on <i>s.</i> enters into the large river Beni.		
YURIMAGUAS , a barbarous nation of Indians inhabiting the <i>mangrove</i> of the Amazon, and held by these Indians de las Amazonas.		
YURICOCHA , a lake situated in the <i>cordillera</i> of Indians, in the <i>n.</i> of the Amazon.		



- Maps
- A regional or national or thematic GIS

↓

- Visual analysis
- Spatial analysis
- Figure(s) for a publication
- Story map
- Spatial-temporal index for a collection





Y U R		439
YURACARES , a river of the province and government of Santa Cruz de la Sierra, in Peru. It rises in the <i>cordillera</i> , from various streams which unite, runs n. and enters the Marmore, in the country of the Indians, from whence it takes its course.		
YURANI , a river of the province and government of Guayana: which rises from a lake in the mountains of the e. coast, runs from n. to s., and enters the river Cuyuni just before this joins the Essequibo.		
YURAYACO , a settlement of the province and <i>corregimiento</i> of Chancay in Peru; annexed to the curacy of the settlement of Canchas.		
YURI , a river of the province and government of Guayaquil, in Nueva Andalucia. It rises in the <i>serrana</i> of Maiguitida; runs e. and enters the Arebato.		
YURIMAGUAS , a barbarous nation of Indians inhabiting the woods w. of the Marañon, & held by these Indians de las misias.		
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"death": {		
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},		
"time": {		
"startYear": 1944		
},		
"fc": "Wassily Kandinsky",		
"gender": "Male",		
"id": 1382,		
"mda": "Kandinsky, Wassily",		
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"era": {		
"id": 8,		
"name": "20th century 1900-1945"		
},		
"id": 294,		
"name": "Bauhaus"		



- Maps
- A regional or national or thematic GIS

- Analysis
- Spatial analytics
- Figure(s) for a publication
- Story map



Y U R 439

YURACARES, a river of the province and government of Santa Cruz de la Sierra, in Peru. It rises in the *cordillera*, from various streams which unite, runs *n.* and enters the Marmore, in the country of the Indians, from whence it takes its name.

YURANI, a river of the province and government of Guayana: which rises from a lake in the mountains of the *e.* coast, runs from *n.* to *s.* and enters the river Cuyuni just before the junction.

YURAYACO, a settlement of the province and *carrergimiento* of Chancay in Peru; annexed to the curacy of the settlement of Canchas.

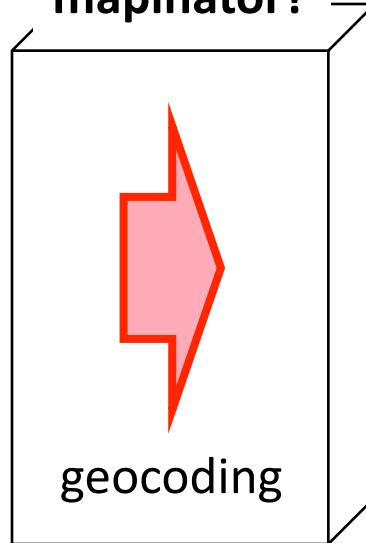
YURI, a river of the province and government of Guayaquil, Nueva Andalucia. It rises in the *sierra* of Maiguitida; runs *e.* and enters the Arebato.

YURIMAGUAS, a barbarous nation of Indians inhabiting the woods in the Marañon, as held by these Indians de las element is of Indians, n. of the element of Zelaya, in

```
    "birthYear": 1866,
    "date": "1866\u00d70131944",
    "death": {
        "place": {
            "name": "Neuilly-sur-Seine, France",
            "placeName": "Neuilly-sur-Seine",
            "placeType": "inhabited_place"
        },
        "time": {
            "startYear": 1944
        }
    },
    "fc": "Wassily Kandinsky",
    "gender": "Male",
    "id": 1382,
    "mda": "Kandinsky, Wassily",
    "movements": [
        {
            "era": {
                "id": 8,
                "name": "20th century 1900-1945"
            },
            "id": 294,
            "name": "Bauhaus"
        }
    ],
    "name": "Wassily Kandinsky",
    "place": {
        "name": "Neuilly-sur-Seine, France",
        "placeName": "Neuilly-sur-Seine",
        "placeType": "inhabited_place"
    }
}
```

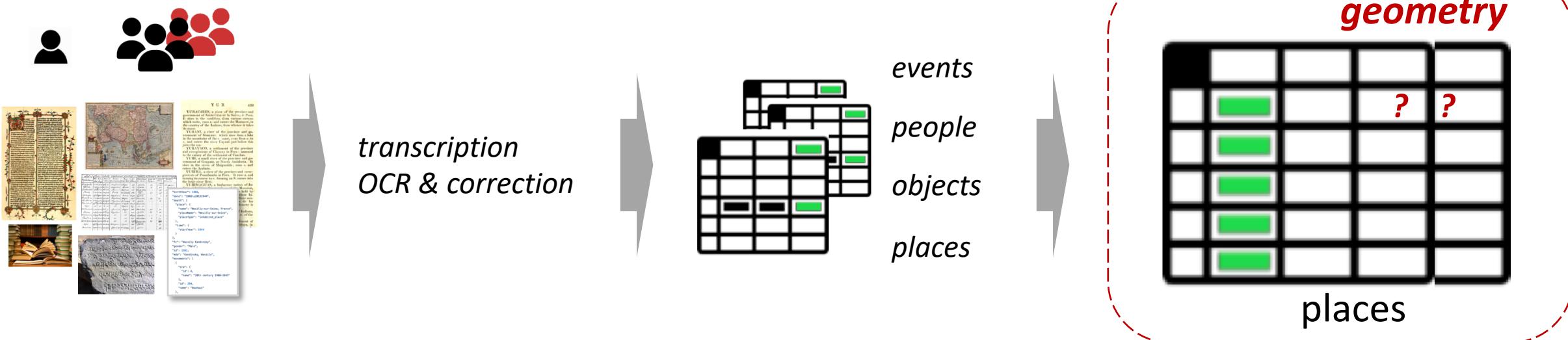


mapinator?

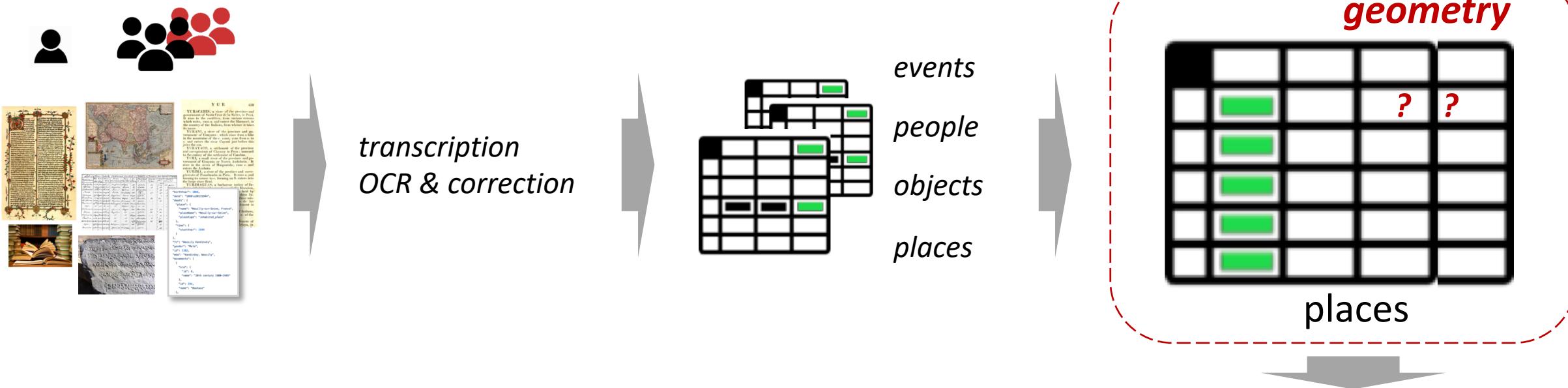


- Maps
 - A regional or national or thematic GIS
- ↓
- Analysis
 - Spatial analytics
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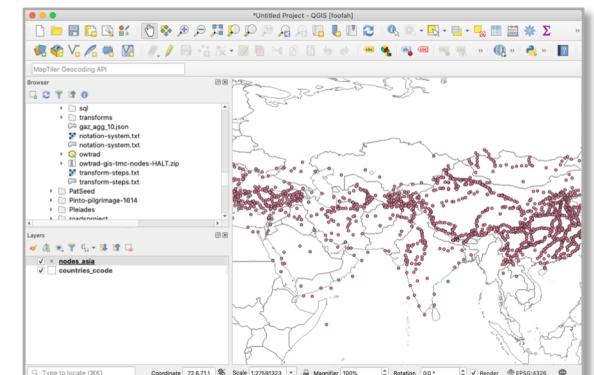
a “typical” workflow



a “typical” workflow



QGIS
ArcGIS



Existing Gazetteer Resources

- Geonames
- Wikidata
- Getty Thesaurus of Geographic Names (TGN)
- DBpedia, Wikipedia
- Google Maps, etc.
- Existing GISes
- geopy (Python)



AlgoliaPlaces	GeocodeEarth	MapQuest
ArcGIS	GeocodeFarm	MapTiler
AzureMaps	Geolake	OpenCage
Baidu	GeoNames	OpenMapQuest
BaiduV3	GoogleV3	Nominatim
BANFrance	HERE	Pelias
Bing	IGNFrance	Photon
DataBC	MapBox	PickPoint

None are
explicitly
historical

Historical gazetteers and GISes



data dumps,
but no API

World Historical Gazetteer v1.0 guide | contact us | [Twitter](#)

Create dataset

Title	<input type="text"/>
Label	<input type="text"/>
Description	<input type="text"/> brief description
Creator(s)	<input type="text"/>
URI base	<input type="text"/> Leave blank unless record IDs are URIs
Web page	<input type="text"/> Blank if none
Public?	<input type="checkbox"/>
initial file	<input type="file"/> Choose File No file chosen
Format	LP-TSV
License	CC BY 4.0
Upload Cancel	

Registered users can

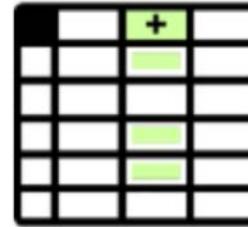


upload place datasets into a private workspace



publish them as Linked Open Data by flagging them as 'public'

Public?



augment them via reconciliation against [Getty TGN](#) and/or Wikidata



contribute them for accessioning to the WHG index

Reconciliation Review: althurayya_2241 > wd

Save [first](#) [previous](#) Record 9 of 540 [next](#) [last](#)

Ančīrat (انچیرات)

E321_N_S
Ančīrat, آنچیرات
(Iran);
village (village).

Iran

Iran

Wikidata

WIKIDATA

Iran

World Historical Gazetteer

Places Traces

Abydos

filters

feature class A H L P S T

temporal start year end year (def. - all)

spatial Region, country, study area

SEARCH RESULTS (4) filter by type

Abydos (inhabited places) IAU

Çanakkale (deserted settlements.inhabited places.archaeological sites) ITRI

var. Abydos; Abydus; Abydus; Abydus

Asiae: Chanak; Chanaq; Dardanelles; Kale-Sultaniye; ...

Ma'bad Abīdūs (deserted settlements.cities.inhabited places.ruins.archaeological sites) IEGI

var. Abdju; Abdou; Abedju; Abydos; Abydos; Abydus; Abydus Aegyptiae; Abīdūs; Ma'bad; ...

Al 'Arābā al Madfūnah (ancient sites.towns.inhabited places) IEGI

var. Al 'Arābah al Madfūnah; Araba al-

 Places Traces

Babylon

filters ▾

feature class

 A H L P S T

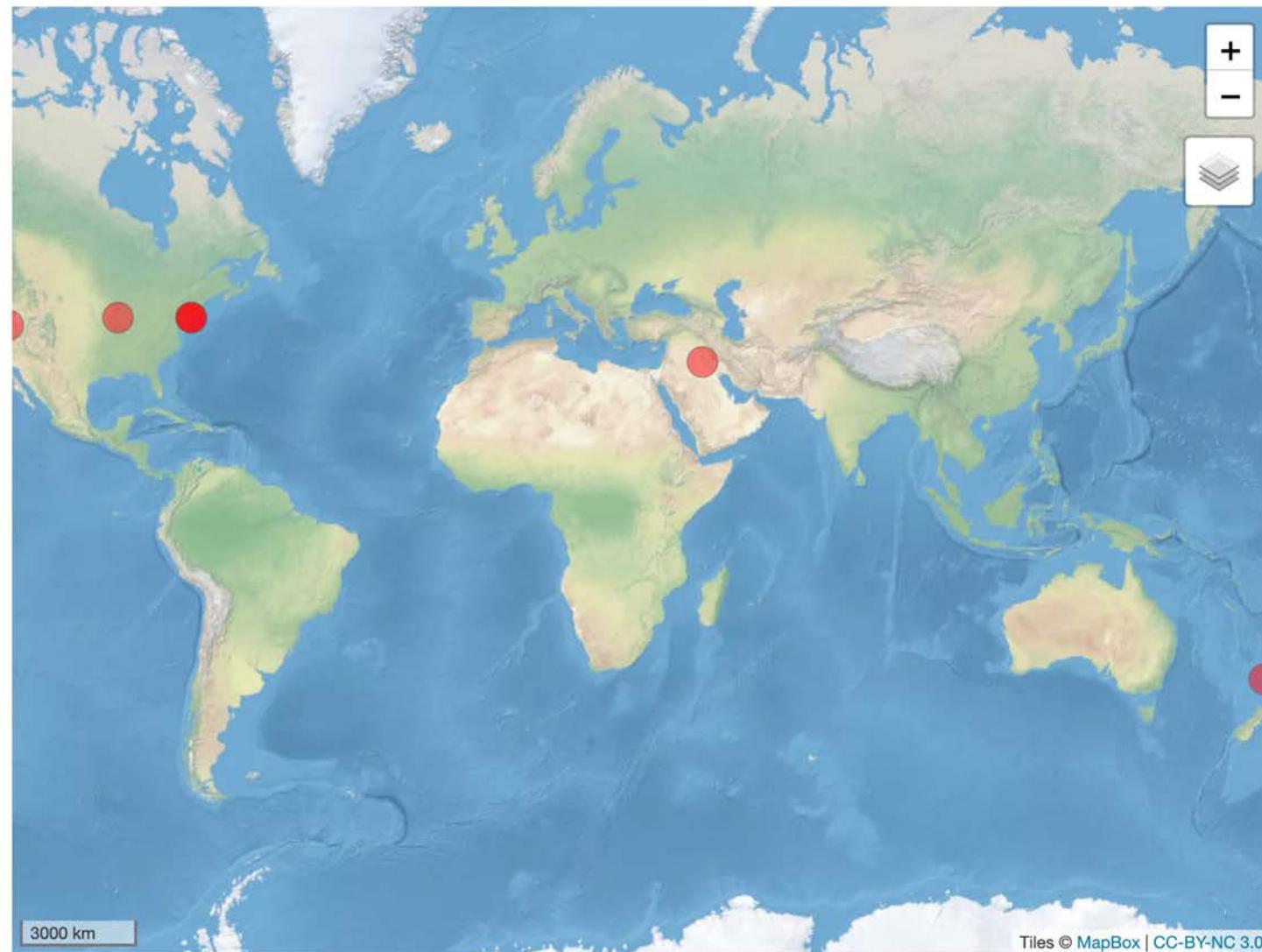
temporal

 start year end year (def. = all)

spatial

 Region, country, study area

SEARCH RESULTS (7)

[filter by type ▾](#)[Babylon \(inhabited places\) \[NZ\]](#) [Babylon \(inhabited places\) \[USI\]](#) [Babylon \(inhabited places\) \[I\]](#) [Babylon \(deserted settlements,inhabited places\) \[USI\]](#) [Babylon \(deserted settlements,inhabited places,archaeological sites\) \[IQI\]](#) *var: As Sawrah; Bab-el-Un; Bab-ili; Babel; Babelon; Babhel; Babil; Babilonia; ...*[North Babylon \(inhabited places\) \[USI\]](#) [West Babylon \(inhabited places\) \[USI\]](#) 

 Places Traces Places Traces

Babylon

[filters ▾](#)

feature class

 A H L P S T

temporal

-3000

end year

(def. = all)

spatial

Western Asia

SEARCH RESULTS (1)

[filter by type ▾](#)**Babylon** (deserted settlements,inhabited places,archaeological sites) [IQ] ⓘ

var: As Sawrah; Bab-el-Un; Bab-ili; Babel; Babylon; Babhel; Babil; Babilonia; ...

var: As Sawrah, Bab-el-Un, Bab-ili, Babel, Babylon; Babhel; Babil; Babilonia; ...

[North Babylon](#) (inhabited places) [USI] ⓘ[West Babylon](#) (inhabited places) [USI] ⓘ

3000 km





Places Locations
Babylon

filters [▼](#)

feature class
 A H L P

temporal
 start year end year

spatial
Region, country, study area

SEARCH RESULTS (7)

- Babylon (inhabited place)
- Babylon (inhabited place)
- Babylon (inhabited place)
- Babylon (deserted settlement places) [USI]
- Babylon (deserted settlement places, archaeological site var: As Sawrah; Bab-el-U Babelon; Babhel; Babil; B
- North Babylon (inhabited place)
- West Babylon (inhabited place)

Babylon

Attestations

Babylon [pid: 4446660; dataset: [tgn_filtered_01](#)] [location](#) [edit](#)
Variants: Bab-ilī; Babel; Babhel; Babil; Babilonia; Babilu; Babylon; Babylone; Babylonia; Babylonian; Bābil; Bābili; Dīn-tir; Ka-Dingir-Ra; Kading'irra; Su-anna; Tell Babil; Uru-azagga; Baβuλών; بابل
Types: deserted settlement ; inhabited place ; archaeological site
Links: none
Related: Within Bābil, Al-Irāq, Asia, World

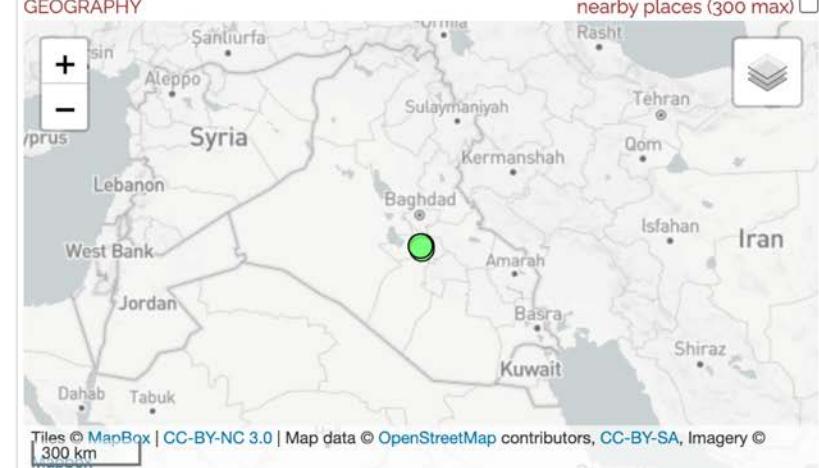
As Sawrah [pid: 6368962; dataset: [euratlas_cities](#)] [location](#) [edit](#)
Variants: As Sawrah (1700-2000); Bab-el-Un (0800-); Babelon (0700-); Babil (0000-); Babylon (0100-0600)
Types: city
Links: [gn:98228](#) [loc:sh86001922](#) [tgn:7002626](#) [viaf:146198874](#) [wd:Q5684](#)

Babylon [pid: 81744; dataset: [black](#)] [location](#) [edit](#)
Variants: Babylon
Types: settlement
Links: [dbp:Babylon](#) [gn:98228](#) [loc:sh86001922](#) [tgn:7002626](#) [viaf:146198874](#) [wd:Q5684](#)
Temporal: [-550, -331] | [226, 642] | [-53, 217] | [66, 135] | [150, 150] | [-200, 400] | [100, 100] | [350, 350] | [500, 500] | [300, 550] | [-3250, -500] | [1, 100] | [-500, 200] | [1325, 1346] | [-2300, -1750] | [-1650, -1200] | [-950, -539] | [-360, -320] | [-350, -100]

TEMPORAL ATTESTATIONS



GEOGRAPHY



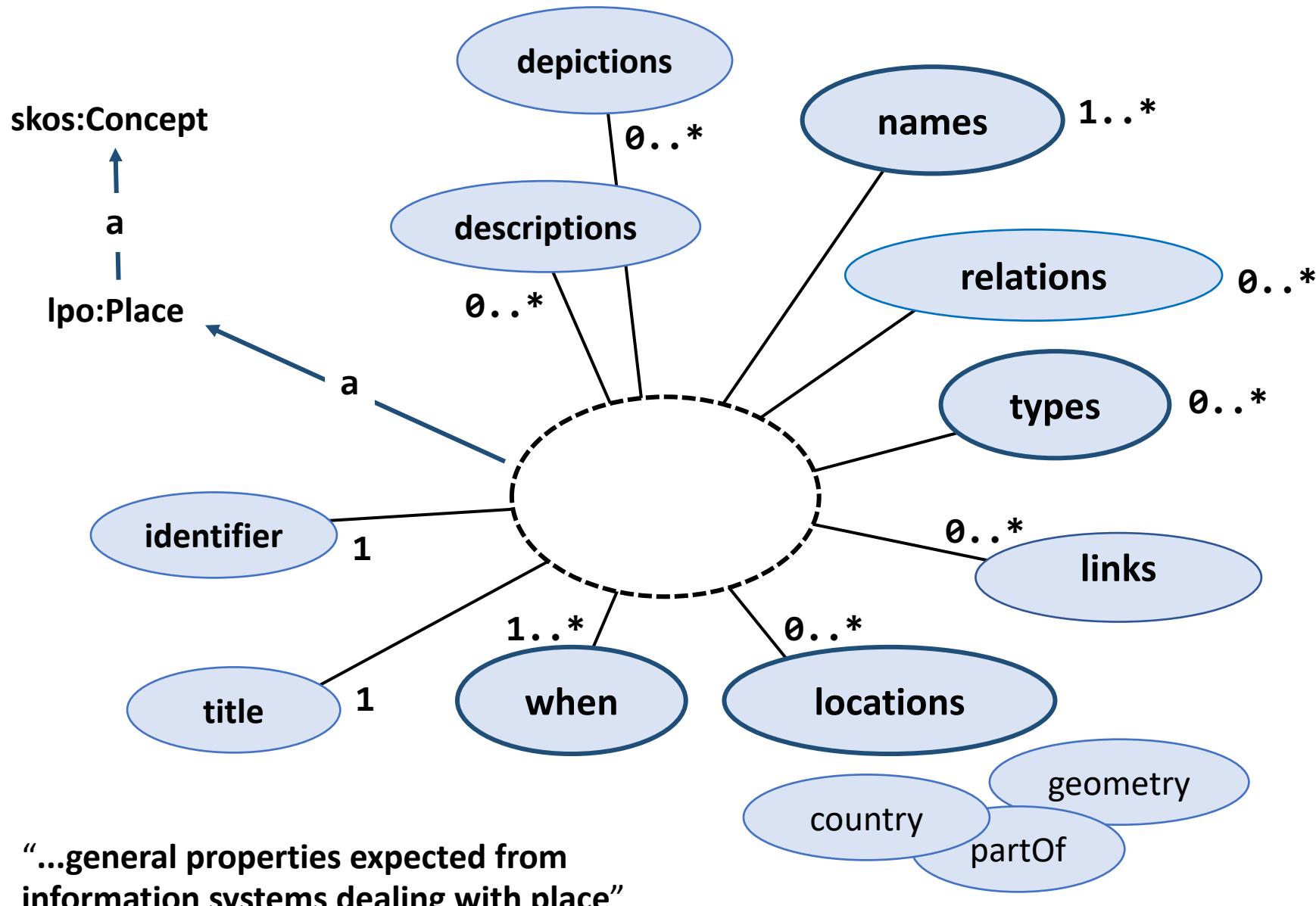
nearby places (300 max) [▼](#)

Tiles © MapBox | CC-BY-NC 3.0 | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © 300 km

TRACES (related persons, events, works, objects)

- work.ceramics [created_at (-0562/-0604)'; Panel with Striding Lion
- empire [waypoint (-0324/-0331)'; [show trace places](#) The Empire of Alexander
- structure [location_of (0200/0299)'];

Tiles © MapBox | CC-BY-NC 3.0



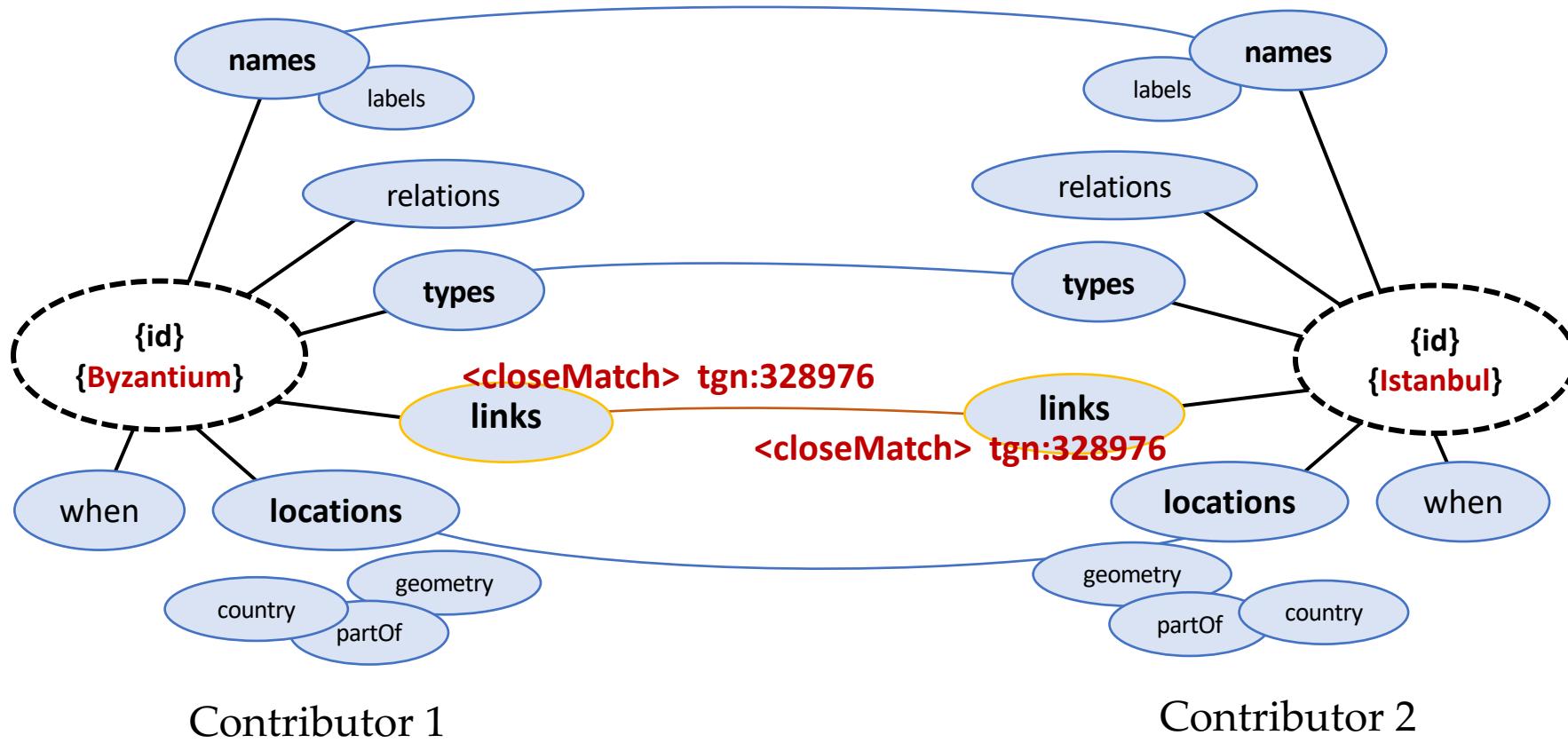
Linked
Places
model



Linked
Places
format

LP-TSV
format

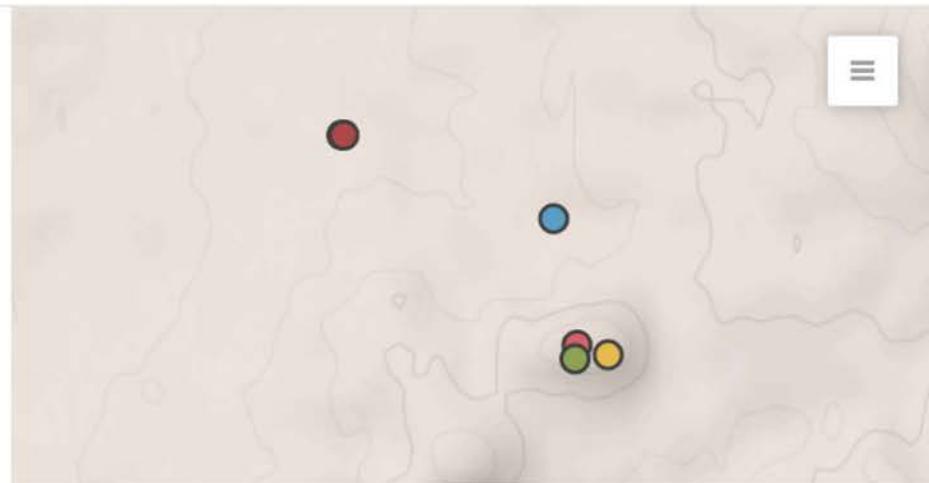
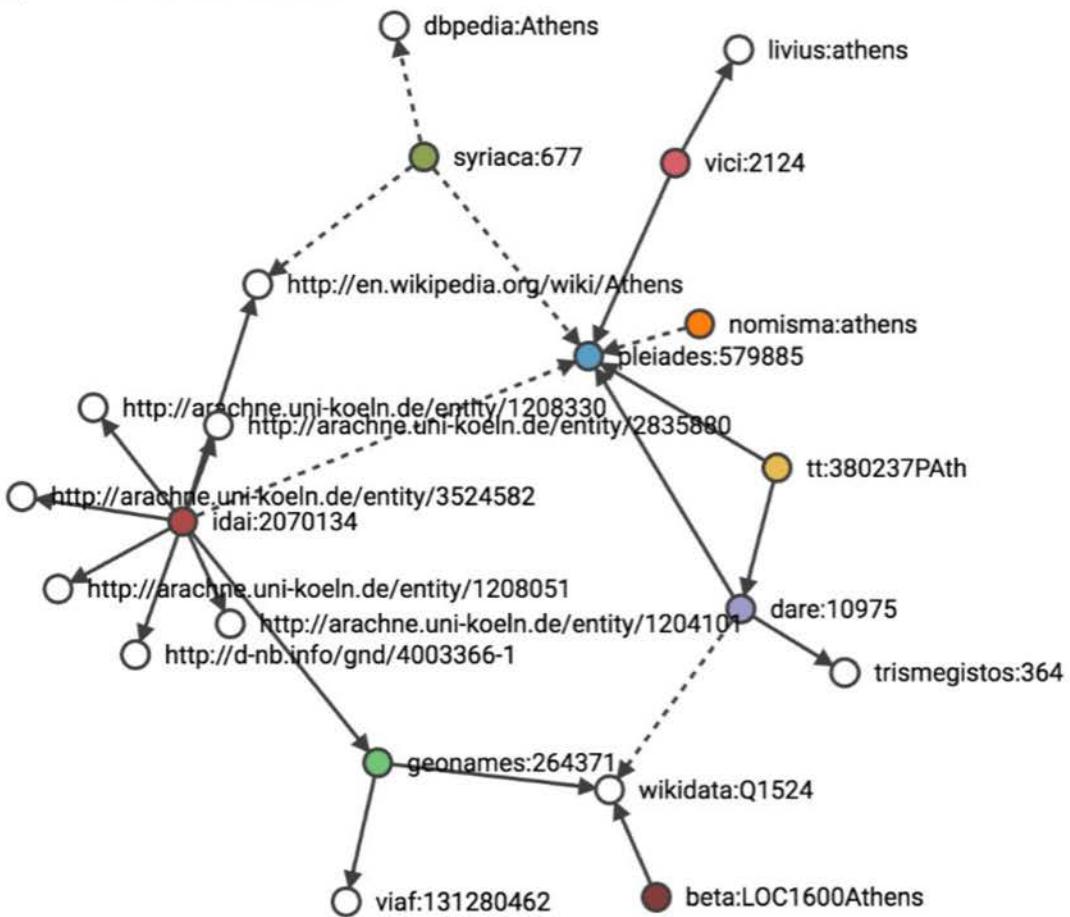
Linking links



Linked Data View



—> skos:exactMatch
- - -> skos:closeMatch



Athina

9 records

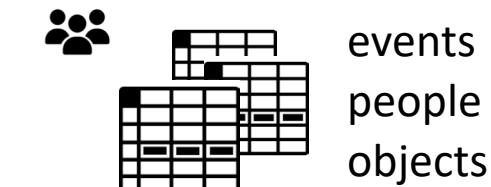
- ✓ Athenae <http://pleiades.stoa.org/places/579885>
- ✓ Athenae, Athína <http://dare.ht.lu.se/places/10975>
- ✓ Athens (Attica) <http://topostext.org/place/380237PAth>
- ✗ Athenae <http://vici.org/vici/2124>
- ✓ Athens <http://nomisma.org/id/athens>

UPLOAD

RECONCILE/ALIGN

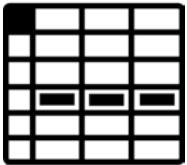
REVIEW MATCHES

CONTRIBUTE



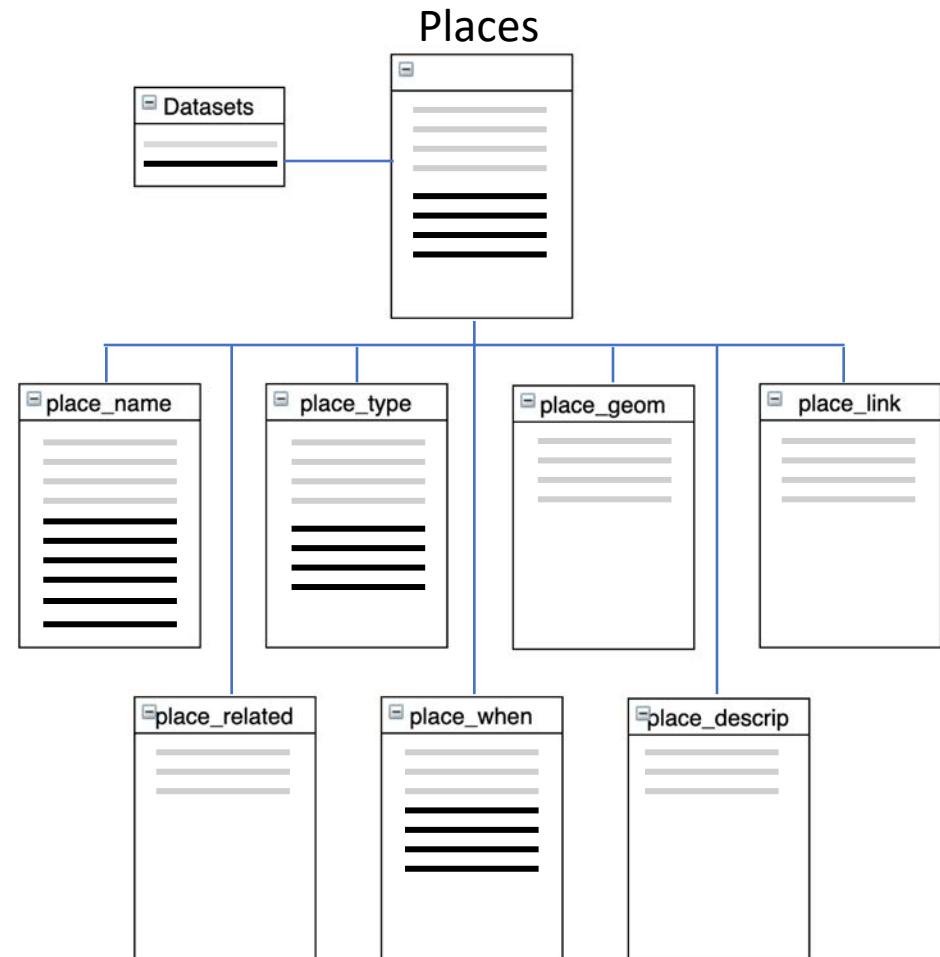
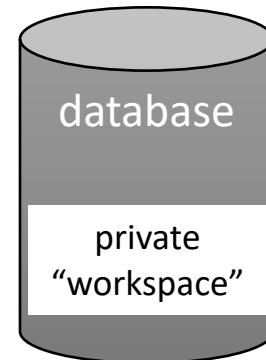
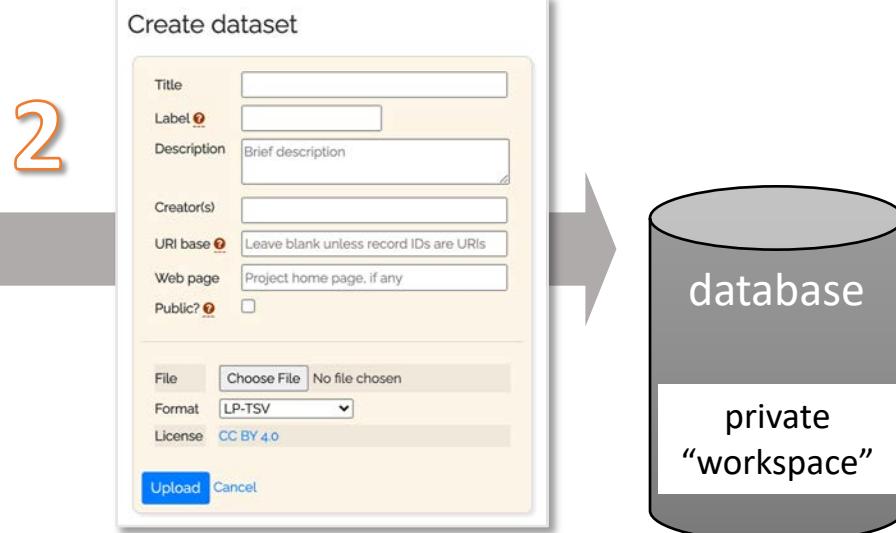
1 *extract places*

LP-TSV



or

Linked Places



UPLOAD

RECONCILE/ALIGN

REVIEW MATCHES

CONTRIBUTE

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croniken Metadata Browse Reconciliation Add task Sharing Log & Comments

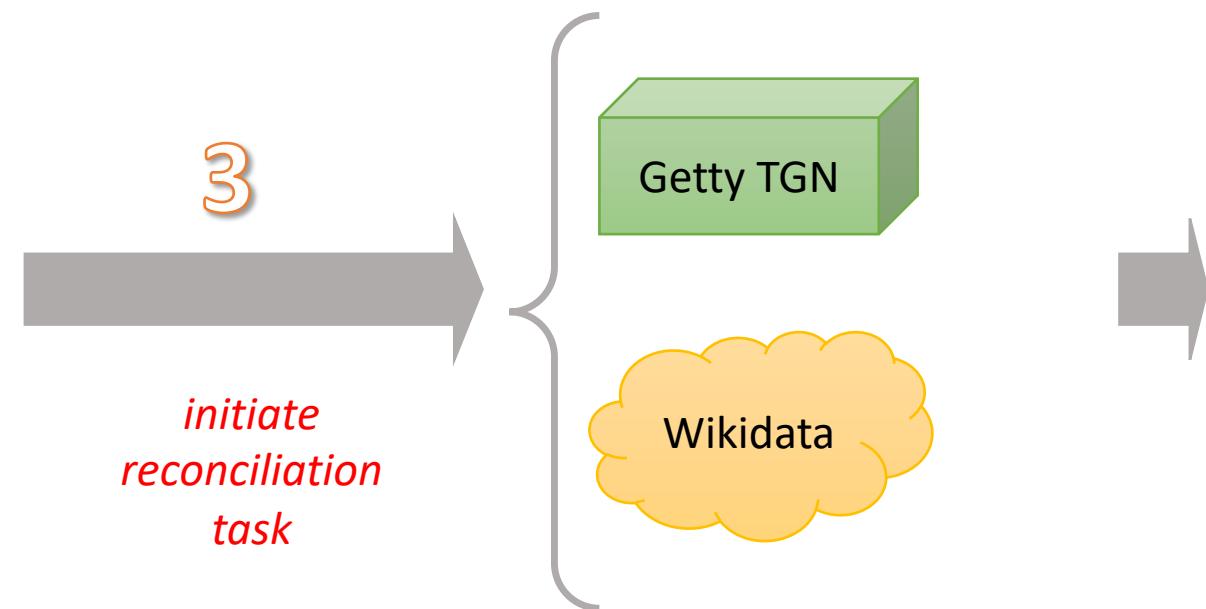
Authority name source

Getty TGN (tgn) approx. 3 records per second
 Wikidata (wd) approx. 1 record per second

Geographic constraint

Select pre-defined region or...
Baltics create user area

Start Cancel accept geometries in matches



UPLOAD

RECONCILE/ALIGN

REVIEW MATCHES

CONTRIBUTE

reconciliation task list

Lugares de Indias Metadata Browse Reconciliation Sharing Log & Comments

Reconciliation Tasks

Task: align_lugares60_wd (05-Dec-2020, 19:22 UTC) elapsed: 3h
ID: 1b10b1c3-6cec-4280-92eb-40f06f50b9a4
Delete task & hits, clear matches
Delete geometries added so far

Result: 16 records (of 60) got total of 25 hits
• Pass 1 remaining 11 review
• Pass 2 remaining 2 review

Task: align_lugares60_gn (05-Dec-2020, 19:08 UTC) elapsed: 00:23h
ID: 1a0416af-c906-498a-95e8-c07edbe0b5ea
Delete task & hits, clear matches
Delete geometries added so far

Result: 27 records (of 60) got total of 177 hits
• Pass 1
• Pass 2
• Pass 3 remaining 27 review

Add new task

WIKIDATA

review prospective matches

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Reconciliation Review: lugares60 > wd

PASS 1 task id: 1b10b1c3-6cec-4280-92eb-40f06f50b9a4 (+links+geom)

Undo last save Save < first previous Record 4 of 11 next last >

San Cosme

WHG place id: 6527395
Source id: 10000644
Name variants: Ensenada Grande; San Cosme;
Modern countries: Argentina (Argentina);
Place type(s): Poblacion (village);

Map showing San Cosme and Ruta Nacional 12.

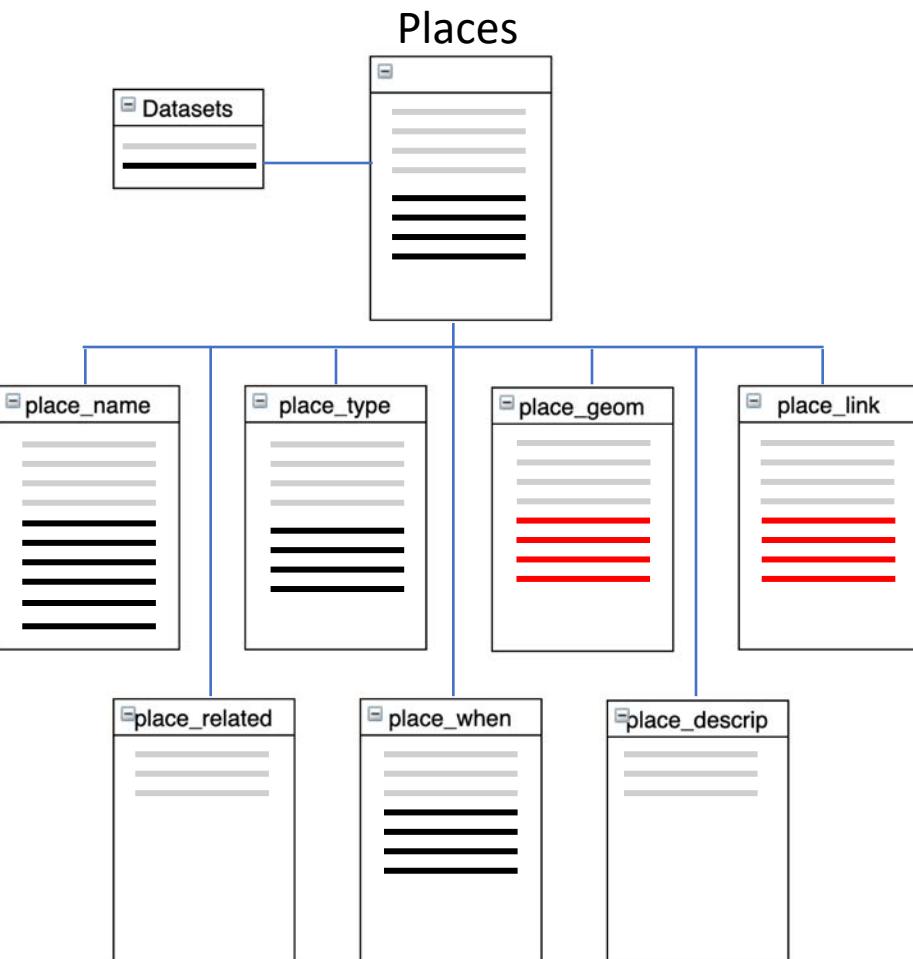
1 km

Tiles © MapBox | CC-BY-NC 3.0

4

*augments
geometry
& links*

*download
augmented*



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Reconciliation Review: lugares60 > wd PASS 1 task id: 1b10b1c3-6cec-4280-92eb-40f06f50b9a4 (-links+geom)

Undo last save Save < first previous Record 4 of 11 next last

closeMatch no match

Title/Preferred: San Cosme
WD ID: Q21827707
Types: human settlement
Parents: Corrientes
Countries: [Argentina]
Links: closeMatch: gn:3429157

closeMatch no match

Title/Preferred: San Cosme
WD ID: Q1015239
Types: human settlement
Parents: San Cosme Department
Countries: [Argentina]

Map showing San Cosme's location near Ruta Nacional 12.

review prospective matches with WHG index

Match?



If yes, “child”
If no, new “parent”

5



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Istanbul

Attestations

Istanbul (pid: 247537; dataset: grn500) Variants: Bizanc, Bizánč, Byzance, Byzantium, Byzanč; Constantinoble, Constantinopla, Constantinople, Constantinopolen, Constantinopoli, Constantinopolis, Costantinopoli, Estambul, IST; Types: populated place
Links: none locn:79934985 tgn:7002473 vaf:135933454
Istanbul (pid: 5991423; dataset: tgn_filtered_01) Variants: Byzanton, Byzantium, Constantinople, Constantinopoli, Constantinopolis, Costantinopoli, Estambul, İstanbul, İstanbul, Konstantinopel, Konstantinopolis, Kustantiniyah, Midigard; Types: religious center, inhabited place, city, port
Links: none Related: Within Istanbul, Türkiye, Asia, World
Istanbul (pid: 85196; dataset: black) Variants: Byzantium, İstanbul
Types: settlement
Links: dbpedia:İstanbul gn:745042 gn:745044 locn:79034985
Istanbul (pid: 83140; dataset: black) Variants: Byzantium, Constantinople
Types: settlement, battle
Links: dbpedia:Constantinopel gn:745042 gn:745044 locn:79034985
Temporal: 1147, 19581 || 1146, 19521 || 1144, 19181 || 1139, 19421 || 1142, 19451
Constantinopel (pid: 83140; dataset: black) Variants: Byzantium, Constantinople
Types: settlement, battle

TEMPORAL ATTESTATIONS

GEOGRAPHY

nearby places (300 max)

MAP

See © Meritex CC-BY-NC 3.0 | Map data © OpenStreetMap contributors, CC-BY

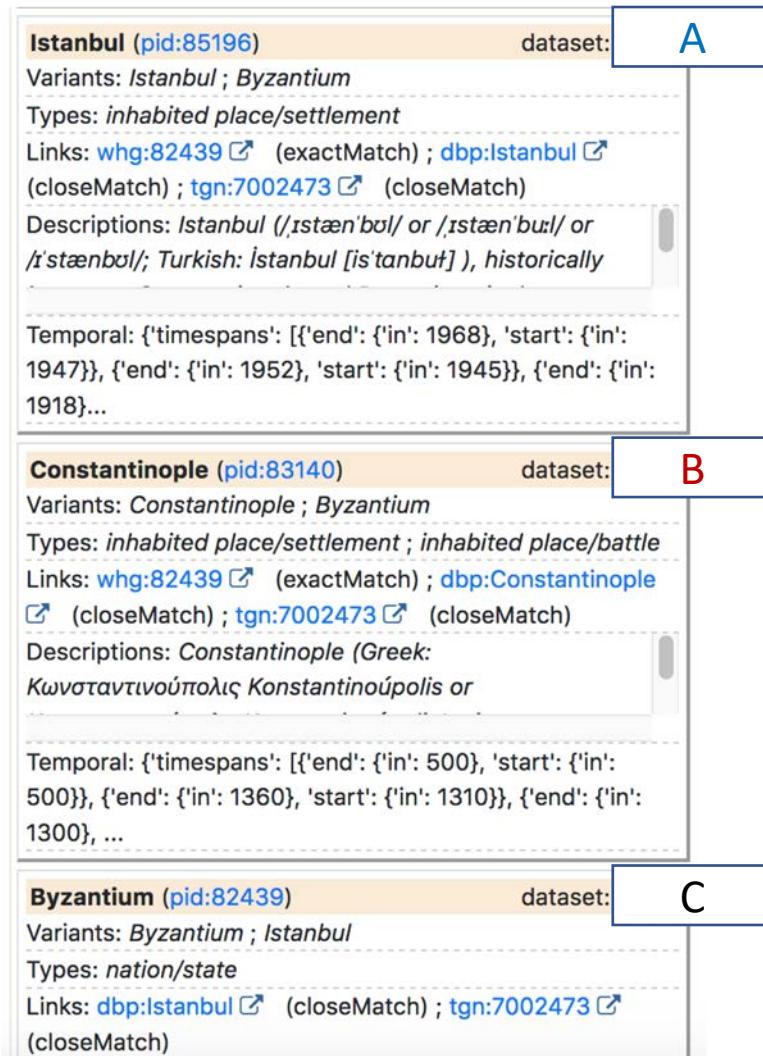
TRACES (related persons, events, works, objects)

- person [deathplace, of (1065-11-14); Justine]
- event [waypoint (1147/1149)] show trace places Second Crusade (Louis VII of France)
- event [wavepoint (1006/1009)] show trace places

Why? (1)

- WHG can be your LOD publisher, as soon as you tick “public”
 - Your data is available via our APIs
- Exposes your terrific and arduous work
 - links back to your project, and specific places pages if you published them
- No one will ever have to do *that* again
- WHG data can (in time) be used “underneath” annotation tools like Recogito

Why? (2)



Ottoman
commercial data

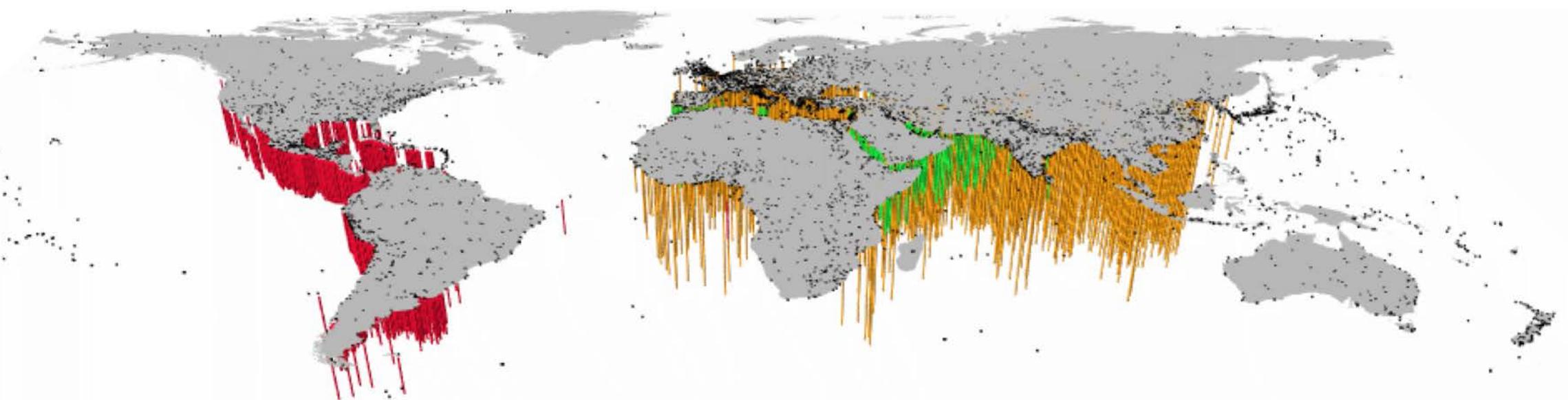


Inscriptions



Prosopography

Adding temporal depth, incrementally



LatAm

- HGIS de las Indias
- Digging into Early Colonial Mexico
- Alcedo Gazetteer
- Atlas Digital da América Lusa
- Gazetteer of the Americas
- LOGAR: Linked Open Gazetteer of the Andes
- Lovejoy's African regions
- Voyages database
- Enslaved

East Asia

- China Historical GIS
- Buddhist prosopography
- Treasury of Lives

Classical Mediterranean

- Pleiades

Trade

- Seshat
- Old World Trade (OWTRAD)
- Chandler-Modelska
- Marine Lives
- Maffei (Portuguese maritime)

- Euratlas
- Early Modern France
- 18c France/Cassini Map
- GB1900
- First Hellenic State

Europe

- Digital Ottoman
- OttRec
- Mapping Ottoman Epirus
- Historical Geography of Ottoman Egypt

Anatolia & Ottomans

- Eurasian manuscripts
 - Bregel Atlas of Central Asia
-
- Polish HGIS
 - Romanian HGIS
 - Russia, 15-18c
 - Russian HGIS

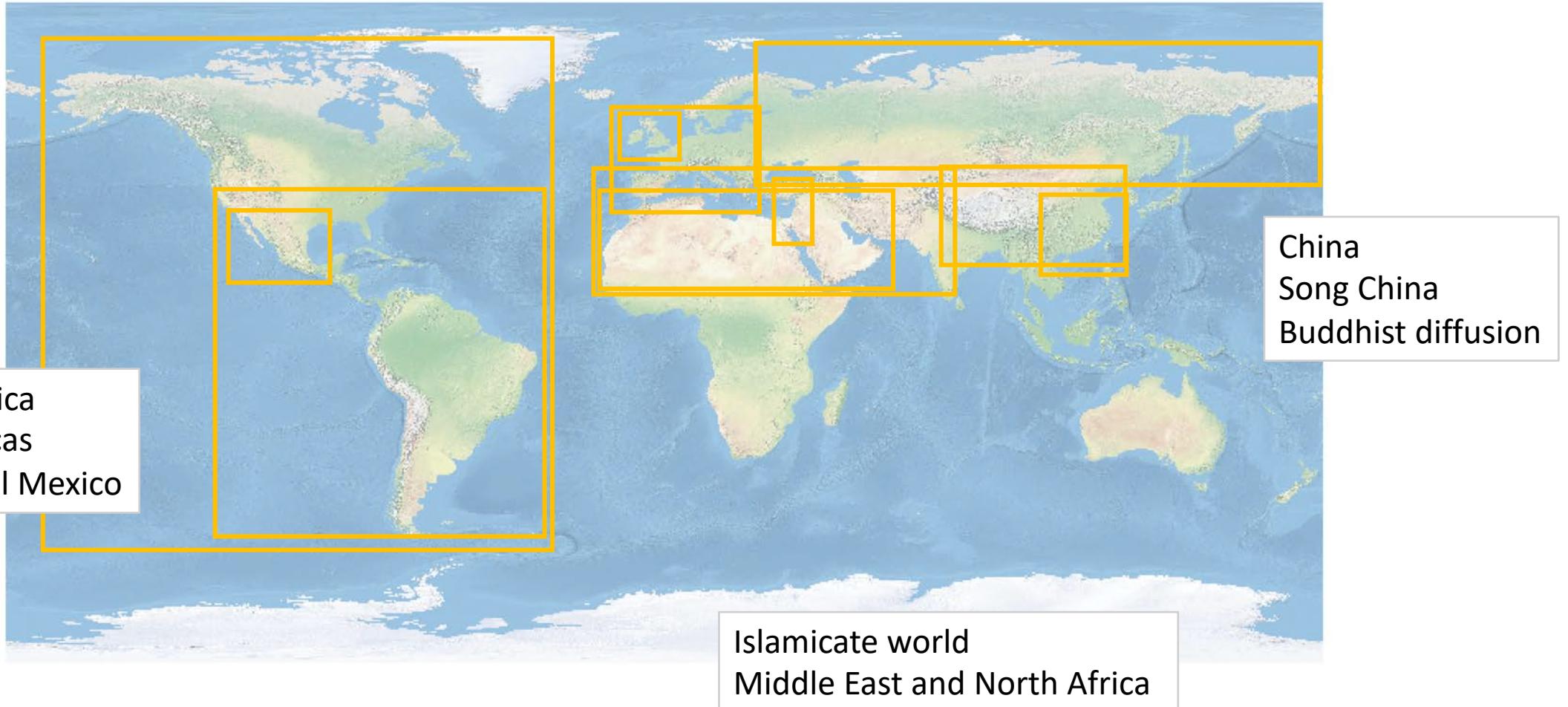
Central Asia

Eastern Europe & Russia

- al-Thuraya
- Kima
- Sinai Peninsula
- Open Islamic Texts Initiative
- Syriaca.org
- Trismegistos

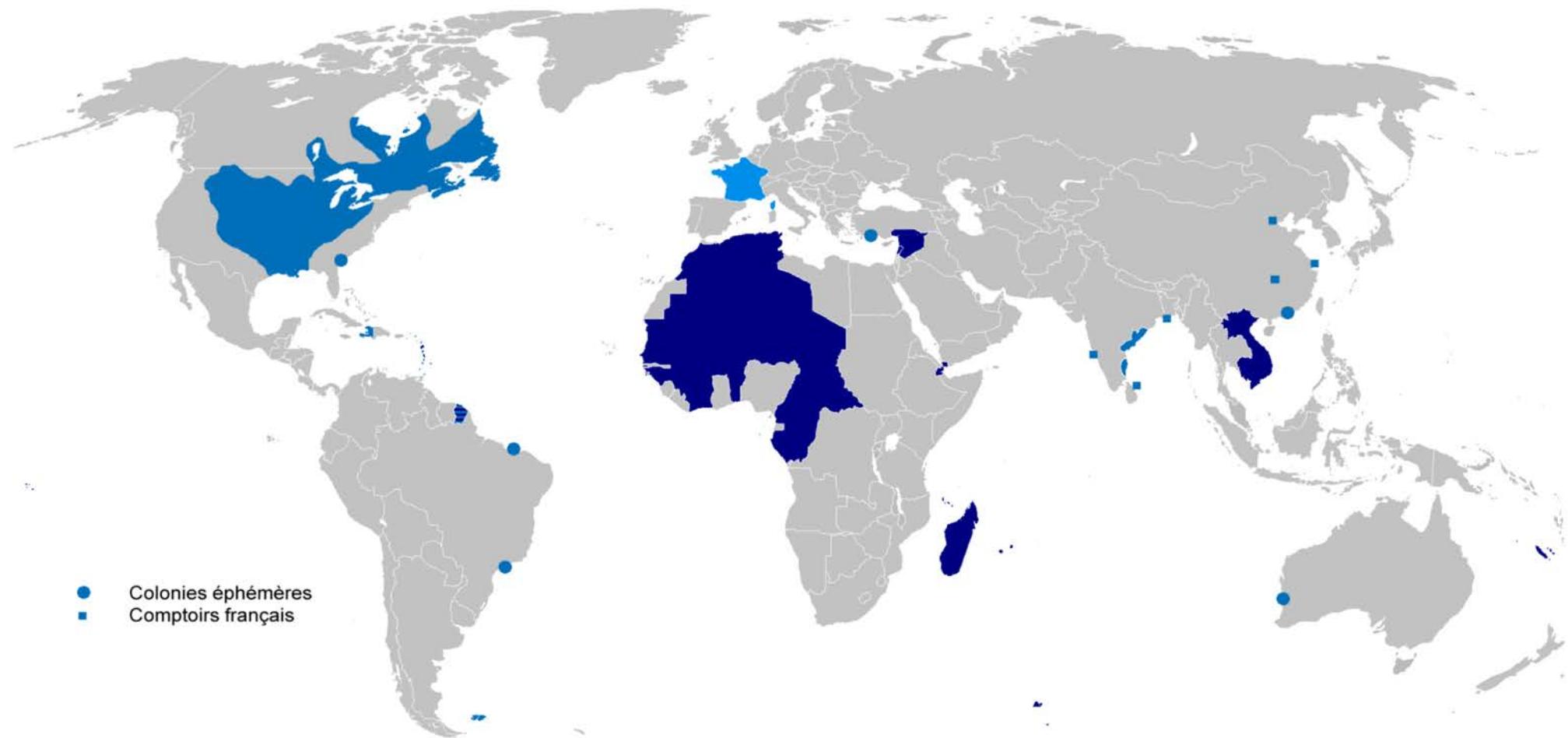
Middle East & North Africa

Europe Great Britain Central Eurasia Russia
Ancient Mediterranean
Anatolia & Ottoman Empire Central & Eastern Europe





Dutch Colonial Empire



French Colonial Empire



Russian Empire



British Empire

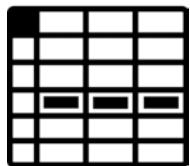
Contribution formats

Linked Places



or

LP-TSV



DEMO

<http://whgazetteer.org>

datasets, template

<https://github.com/LinkedPasts/LaNc-workshop/tree/main/WorldHistoricalGazetteer>

Linked Places format

<https://github.com/LinkedPasts/linked-places>

LP-TSV format

https://github.com/LinkedPasts/linked-places/blob/master/tsv_0.2.md