

## The World Historical Gazetteer: Digital Public and World History

Susan Grunewald, Ph.D. Digital History Postdoctoral Associate World History Center University of Pittsburgh @SusanGrunewald1

g52@pitt.edu



## WHAT IS A GAZETTEER?

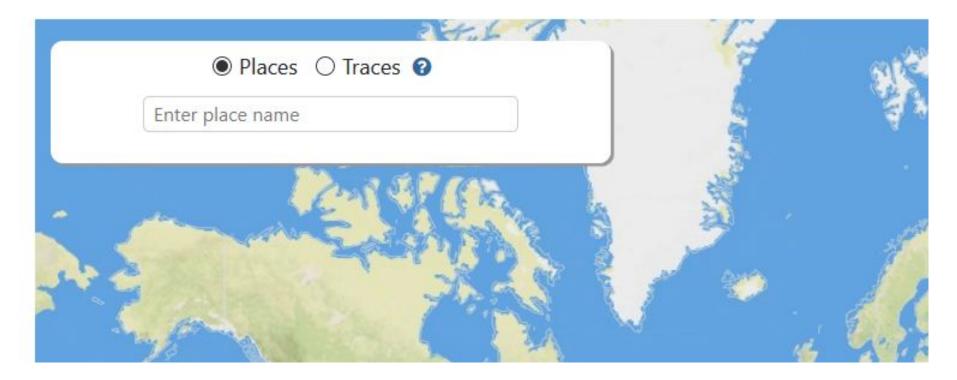


## **OVERVIEW OF WHG PROJECT**



## World-Historical Gazetteer

BETA 0.2 walkthrough | feedback





# Aggregating contributed place and trace data

### Place records

Records of references to place (toponyms, ethnonyms) from historical sources:

- texts of all kinds
- tabular records
- print gazetteers
- old maps

### Trace annotations

Records of historical entities of any kind for which setting (location at time) is of interest, annotated with IDs for relevant places

- people
- events
- works

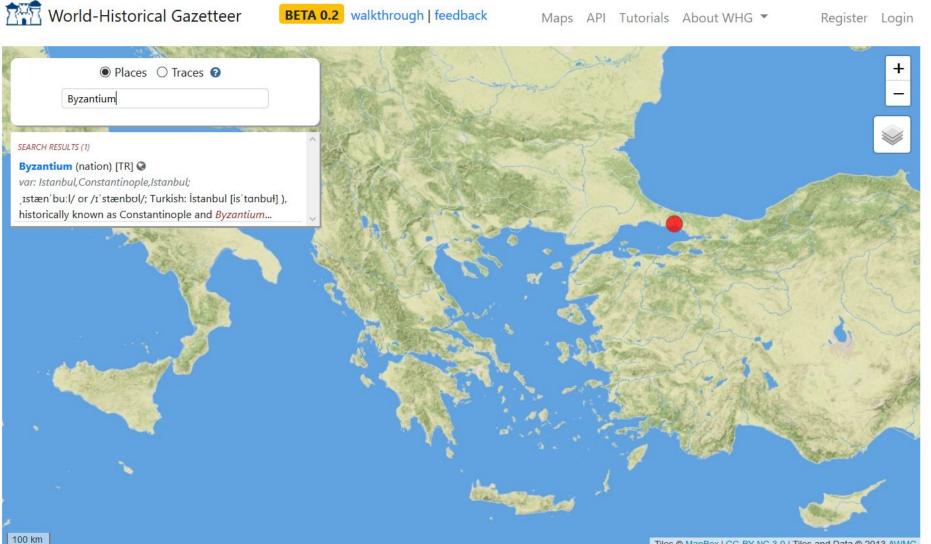
#### Linked Places format

interriogical and Hermonial Event Mainting us Linked Data, Grent, 28 Sep 2019

#### Linked Traces annotation format

Event Objects for United Posts (H. Grassver)









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Maps API Tutorials About WHG 🔻

Register Login

whg:12387814

#### Istanbul

Attestations			
Istanbul is a { place type }, { on the {} }		TEMPORAL ATTESTATIONS     { summing temporal visualization } /	future
Istanbul (pid:85196) 🕜	dataset: <u>black</u>		
Variants: Istanbul   Byzantium		GEOGRAPHY nearby p	Jaces
Types: settlement		+ Belgrade	
Links: dbp:Istanbul 🖸 (closeMatch) ; tgn:7002473 🖸 (closeM	latch)	DS Bucharest	V
Temporal: 1947/1968   1945/1952   1914/1918   1939/1942   19		an Serbia	
All t [names,geoms,types,whens]: [[], [], [], [[1914, 1968]], [], [], [ [[-700, 642]]]	[], [[-700, 1923]], [], <mark>[],</mark> [],	Black Sea	Sukh
Constantinople (pid:83140)	dataset: <u>black</u>	Tiranë * Macedonia	
Variants: Constantinople   Byzantium		Albania	de a
Types: settlement   battle		Ankara *	the state
Links: dbp:Constantinople 🖉 (closeMatch) ; tgn:7002473 🖉 (	(closeMatch)	Turkey	1.3 "
Temporal: 500/500   1310/1360   1100/1300   1096/1270   1090	0/1090   600/800   800/1200	Greece	23
1100/1400   1840/1910   1815/1852   1400/1860   -700/120	1325/1346   1200/1700	Ionian Sea Athens	- Alex
1860/1920   300/500   1870/1910   500/1500   622/627   750/8			2
800/1000   1204/1300   1200/1400   789/1100   1250/1300   12		Tiles © MapBox   CC-BY-NC 3.0   Map data © OpenStreetMap contributors, CC-BY-SA, Imagery	у©
1792/1815   1453/1571   1300/1500   1512/1639   1800/1913	1040/1100   1379/1405	Mapuux 30 or cm/0	0.0
313/642   400/800   1914/1918   1914/1918   1918/1923		TRACES	
All t [names,geoms,types,whens]: [[], [], [], [[1914, 1968]], [], [], [],	[], [[-700, 1923]], [], [], [],	{ an event trace }	
[[-700, 642]]]		{ a person trace }	
Byzantium (pid:82439)	dataset: black	<pre>4 a works trace }</pre>	
-)(pressent) (B		× (	>



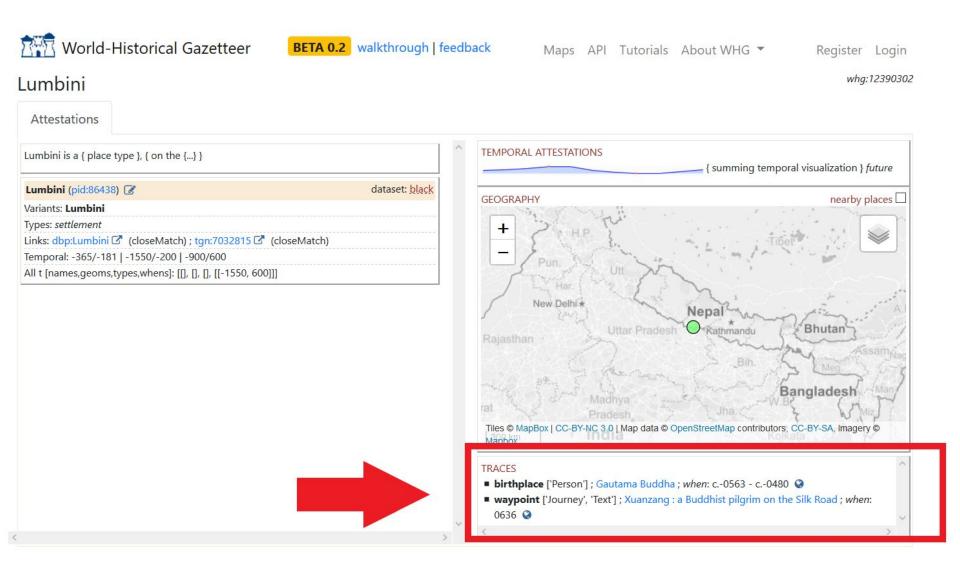
World-Historical Gazetteer **BETA 0.2** walkthrough | feedback Maps API Tutorials About WHG -Register Login Enter term or name Gautama Buddha PLACES (9) Lumbini (birthplace) earliest: -0563, latest: -0480 Kusinagara (deathplace) earliest: -0483, latest: -0400 Magadha (taught) Koshala (taught) Kapilavastu (resided) Rajagriha (resided) Bodh Gaya (enlightened) earliest: -0528, latest: -0445 Sarnath (resided) Indo-Gangetic Plain (resided)



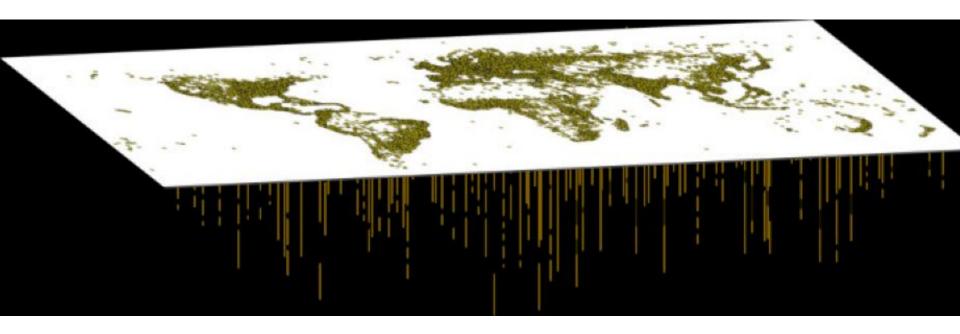
Tiles @ MapBox | CC-BY-NC 3.0 | Tiles and Data @ 2013 AWMC

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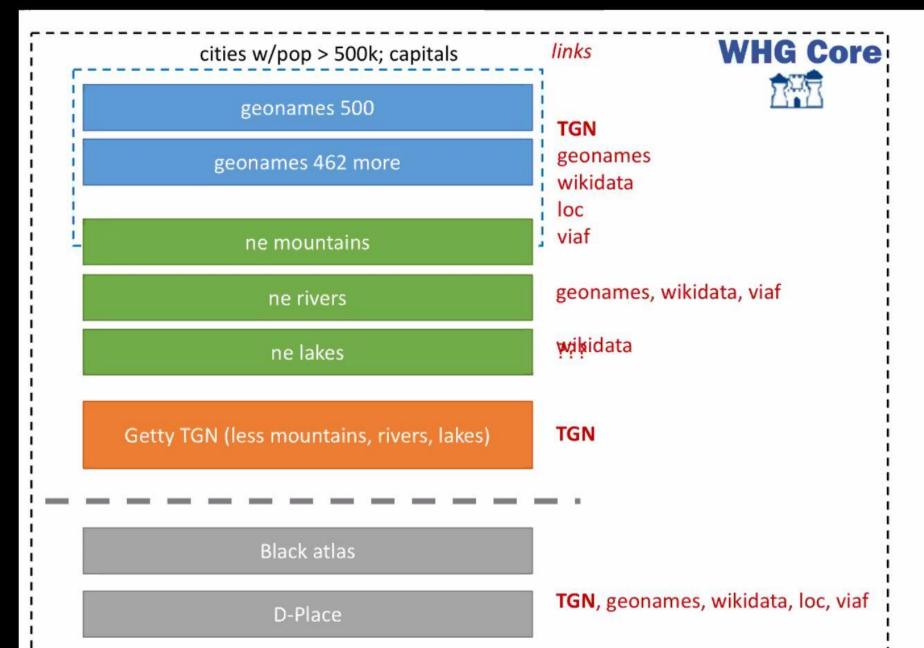




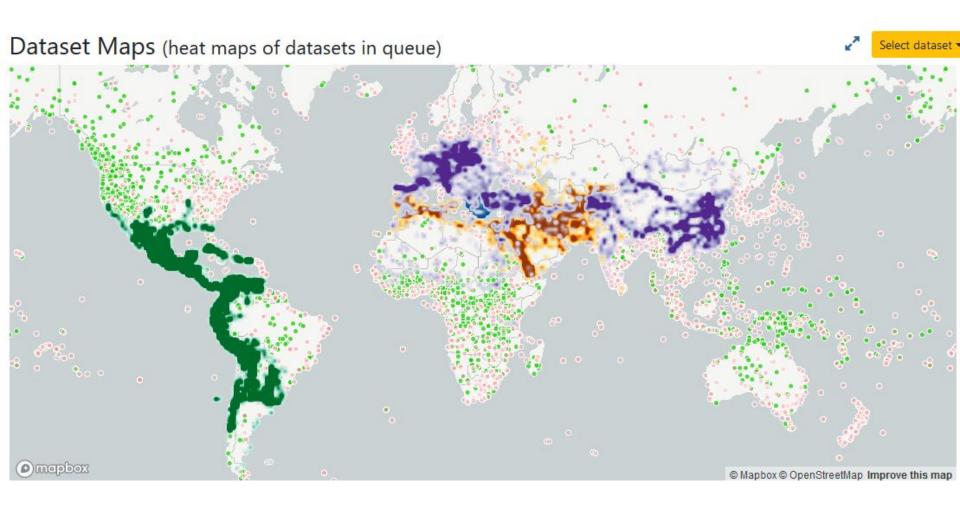


## **TECHNICAL SPECIFICATIONS**











## **Linked Places Format**

- Attempt to create standard for place data
- It is both valid JSON-LTD and GeoJASON
- Permits names, time, geometries, and relations



## **Linked Places Format**

- LP-TSV: tab-delimited text file
- Requires name
- Permits country codes, types
- Geometry



## **Linked Traces Format**

- Supports place name
- Supports temporal range
- Supports type of relation (waypoint, person, artifact, etc)



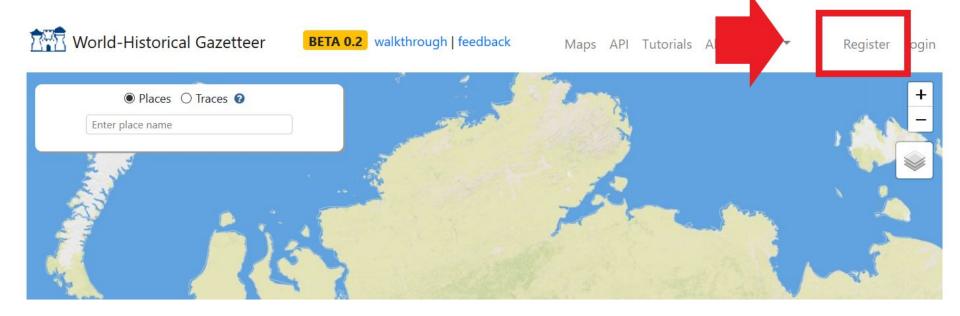
## Linked Traces TSV

- Similar formatting to Linked Places TSV
- Data must be standardized to our specifics to upload into system

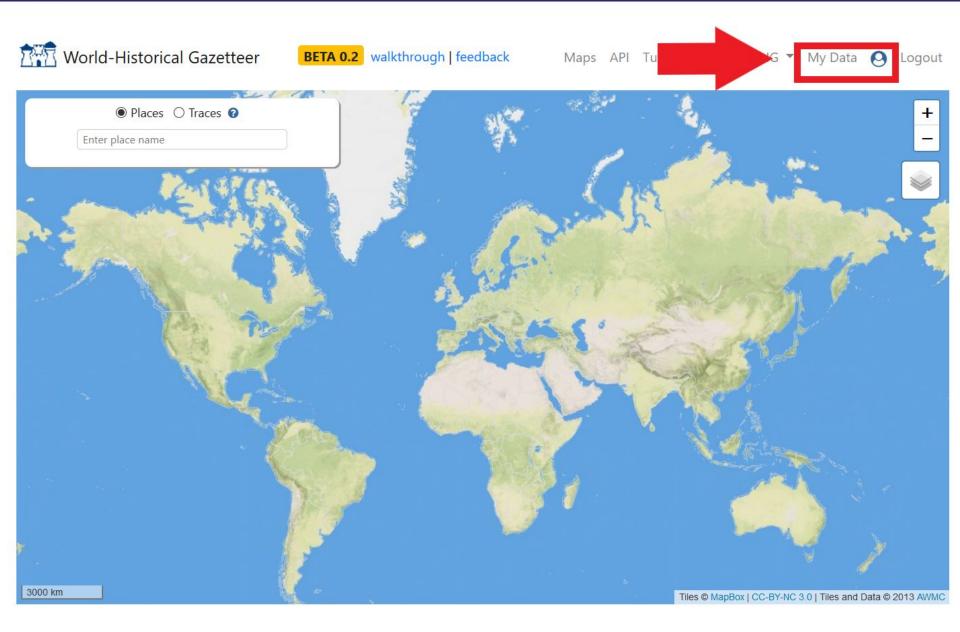


## CONTRIBUTING











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D	atas	ets								
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	▦	2	D-Place	dplace <mark>(core)</mark>	11-Feb-2019, 07:00 (UTC)		direct	1428	reconciling	whgadmin
		1	DK Atlas of World History	black <mark>(core)</mark>	10-Jan-2019, 07:00 (UTC)		direct	10643	reconciling	whgadmin

#### Study Areas 🚦

d	title	type	ccodes



User collections of place and trace records (future)



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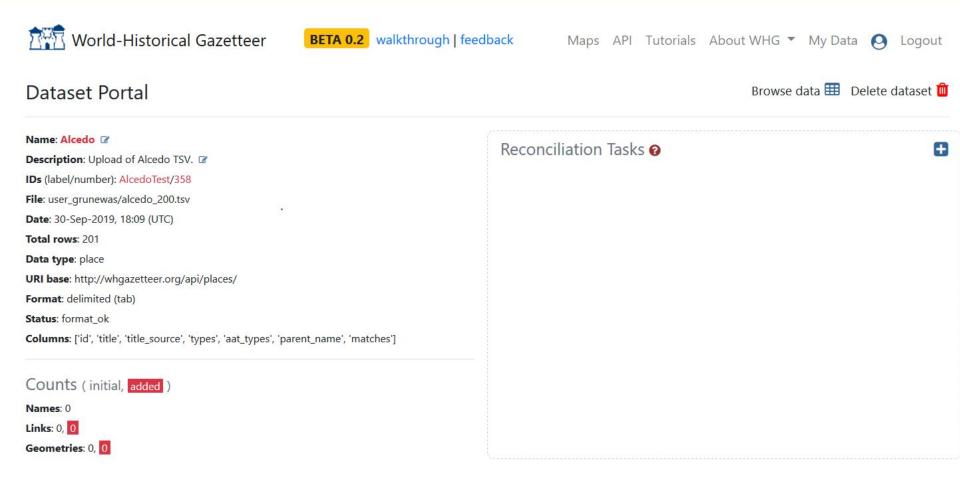
#### Upload dataset

Name Alcedo
Unique label AlcedoTest 20 char max, no spaces
Description Upload of <u>Alcedo TSV</u>
Data type Places ~
Format Linked Places json V
URI base http://whgazetteer.org/api/places/
Browse No file selected.
Upload Cancel

#### Sample data

During this beta phase, some sample datasets are available from our GitHub repository. Download this zip file, check the README.md file, and you can experiment with loading and reconciling them from your local computer.









Start

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#### S Initiate Reconciliation: Alcedo (AlcedoTest)

#### Authority name source Results summary will show here ... Getty TGN (tgn) + ○ Wikidata (wd) 1+ seconds per record O DBpedia (dbp) GeoNames (gn) **Geographic constraint** Select pre-defined region or... $\sim$ Select user-defined study area create user area Search region data (future) 5000 km Tiles © MapBox | CC-BY-NC 3.0 | Tiles and Data © 2013 AWMC ☑ accept geometries in matches Ø Cancel



#### S Initiate Reconciliation: Alcedo (Alcedo Test)

#### Authority name source

- Getty TGN (tgn)
- Wikidata (wd) 1+ seconds per record
- O DBpedia (dbp)
- GeoNames (gn)

#### { TODO: progress bar }

Authority: tgn

Task ID: 839f36a3-5385-4b04-8bf5-c5252fc15fa6

**Result summary**: {'count': 200, 'got\_hits': 58, 'total': 216, 'pass1': 0, 'pass2': 0, 'pass3': 216, 'pass1remains': -1, 'pass2remains': -1, 'pass3remains': -1, 'no\_hits': {'count': 142}, 'elapsed': '00:03'}

Return to Dataset

**Review Hits** 



<b>BETA</b> World-Historical Gazetteer	0.2 walkthrough   feedback	Maps API	Tutorials About W	/HG 🔻 My Data	O Logout
Reconciliation Review: AlcedoTest > tgr	PASS 3 ~		task id: 839f	536a3-5385-4b04-8bf	5-c5252fc15fa6
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Abades 🕝	♀ ○ closeMatch ○ exactMatc	h ⊖ related ● n	o match		<b>0</b> ^
WHG place id: 227041 Source id: 00010 Name variants: Abades; Relations: Popayan; Place type(s): pueblo (towns); Links: indias:5600547	Title/Preferred: Abades TGN ID: 7348127 Variants: Abades; Types: ['inhabited places (aat:30000834 Parents: Pontevedra > Galicia > España				
+ Bay of Biscay Potential Biscay Potential Biscay Madrid Lisbon *	<ul> <li>CloseMatch O exactMatch</li> <li>Title/Preferred: Abades</li> <li>TGN ID: 7744661</li> <li>Variants: Abades;</li> <li>Types: ['inhabited places (aat:300008344</li> <li>Parents: Santarém &gt; Portugal &gt; Europe</li> </ul>	h O related <b>O</b> n	o match		0
Morocco Tiles © MapBox   CC-BY-NC 3.0   Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox	<ul> <li>closeMatch ○ exactMatch</li> <li>Title/Preferred: Abades</li> <li>TGN ID: 7348128</li> <li>Variants: San Pelayo; Abades;</li> <li>Types: ['inhabited places (aat:30000834</li> <li>Parents: Ourense &gt; Galicia &gt; España &gt;</li> </ul>	7)'] Europe > World			Θ
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#### Datasets

<b>`</b>	id	name	label	uploaded	format	# rows	status	owner
3	358	Alcedo	AlcedoTest	30-Sep-2019, 18:09 (UTC)	delimited	200	reconciling	grunewas
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	1	DK Atlas of World History	black <mark>(core)</mark>	10-Jan-2019, 07:00 (UTC)	direct	10643	reconciling	whgadmin
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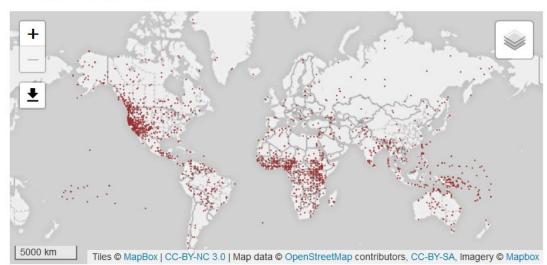


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#### D-Place ("dplace") 🌣



#### Title: !Kung

Variants: Was Nyae; Kung Bushmen; !Kung (Was Nyae); !Kung; Types: (cultural group/aat:300387171) Linked records: closeMatch: [ dbp:!Kung\_people C ]

Description: The !Kung, also spelled !Xun, are a San people living in the Kalahari Desert in Namibia, Botswana and in Angola. They speak the !Kung language, noted for its extensive use of click consonants. The "!K" in the name "!Kung" is a click that sounds something like a cork pulled from a bottle. However, th ...

pid ⊺↓	src_id ↑↓	title ↑↓	ccodes 1
124653	xd1	!Kung	BW,NA
124654	xd10	Herero	NA
124655	xd100	Duruma	KE
124656	xd1000	Kuskowagmut	US
124657	xd1001	Syilx	CA,US
124658	xd1003	Round Lake Ojibwa	CA
124659	xd1004	North Albany Ojibwa	CA
124660	xd1005	Waswanipi Cree	CA
124661	xd1006	Wegamon Ojibwa	CA
124662	xd1007	Mountain Dene	CA



## What You Will Get

- Search for places
- Search for data
- Map historical places
- Get geometries for places from names
- Publishing credit for uploads (much later)



### **Status**

• Late fall/early winter 2019: Beta Release

http://whgazetteer.org/

@WHGazetteer



## **QUESTIONS?**



## **TRY YOURSELF**



# http://dev.whgazetteer.org/

- <u>https://tinyurl.com/yxcft6cb</u> WHG Github
- <u>https://tinyurl.com/yyslln4n</u> -Sample Data



## Thank you!

Susan Grunewald, Ph.D. Digital History Postdoctoral Associate World History Center University of Pittsburgh @SusanGrunewald1 <u>scg52@pitt.edu</u>