Introduction to Wikidata Online workshop Housekeeping

Upskilling in Wikidata for maximum impact: A practical workshop for botanists

Online onboarding & intro - 9 July 2024

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Slides: https://bit.ly/WikidataIntro9July

Wikidata Wikiproject IBC 2024 organizers by Heidi Meudt, CC BY 4.0, via Wikimedia Commons

Basic introduction to Wikidata

Wikidata is a sister project

Wikidata is a **Wikimedia** project to create an open and collaborative database.

It stores relational statements about entities.

Interwiki links associate with the pages on the Wikimedia projects that describe entities.

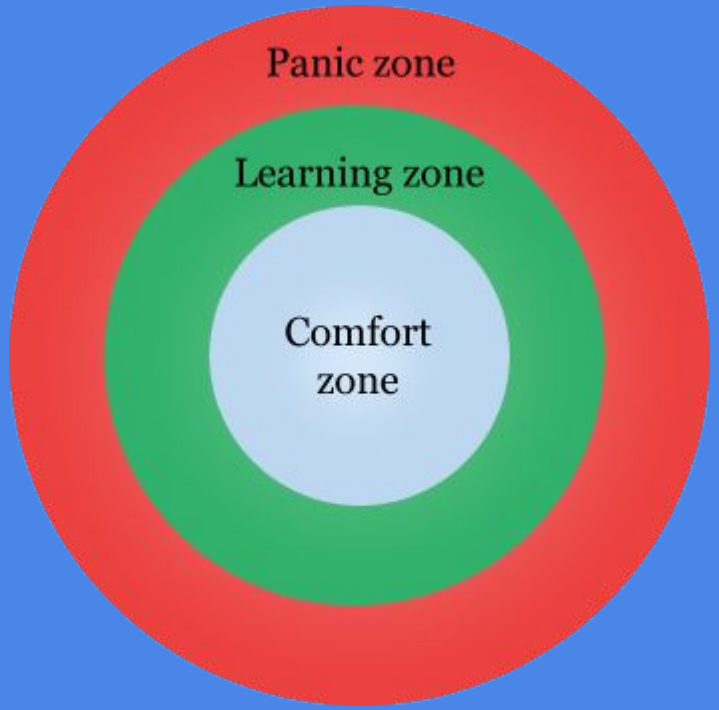
Wikimedia logo family complete 2023 by Wikimedia Foundation, CC BY-SA 3.0, via Wikimedia Commons

What is Wikidata?

Structured data
Multilingual
Anyone can edit
CC0 licensed
Identifier hub
Queryable
Data reuse

Wikidata logo, Wikimedia Foundation CC0 via Wikicommons

Helpful resources



Learnwikidata.net (video)

Wikidata for collectors

Wikidata para coleccionistas

Wikidata main page

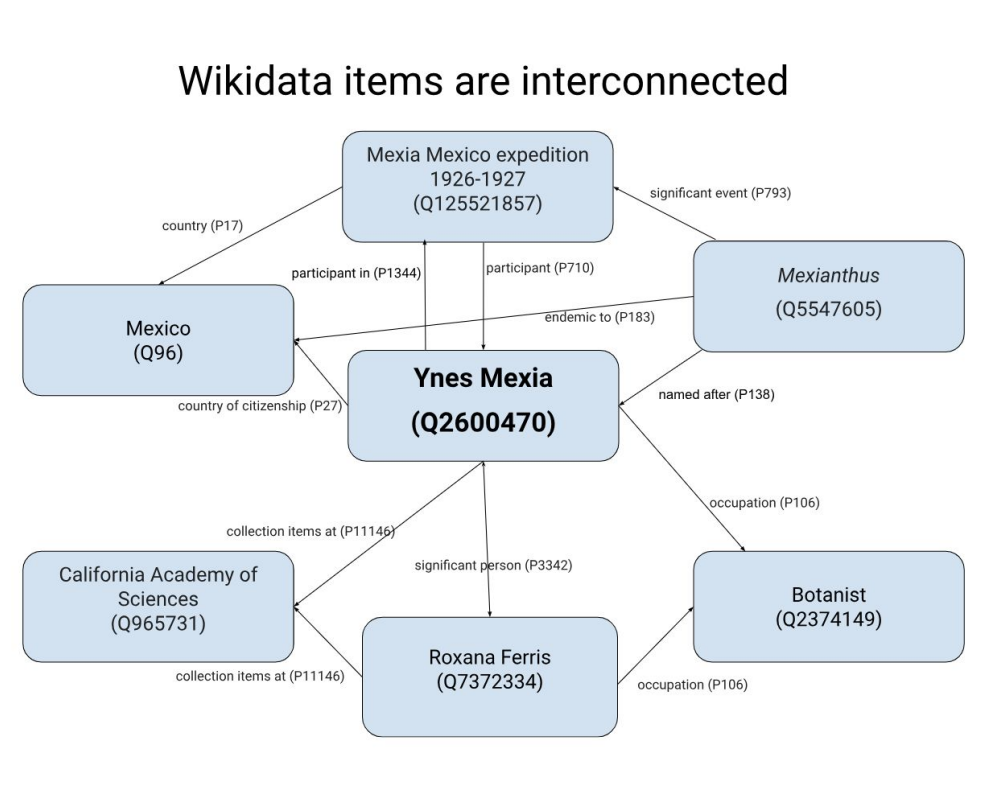
Wikidata tours

University of Edinburgh guide

Tools and resources for Wikidata

Panic learning and comfort zones by MissLunaRose12, CC BY-SA 4.0 , via Wikimedia Commons

Structured and linked data



Wikidata items are interconnected by Siobhan Leachman CC0 via Wikicommons

Multilingual data

Ynes Mexia (Q2600470)

Mexican-American botanist (1870-1938) edit

Mexia | Ynés Enriquetta Julietta Mexía | Ynés Reygados | Ynés Mexía | Ynes Enriquetta Julietta Mexia | Ynes Reygados | Mrs. Augustin A. de Reygadas | Y. E. J. Mexia | Y. Mexia | Ynés Enriqueta Julietta Mexia | Ynés Mexía de Reygades

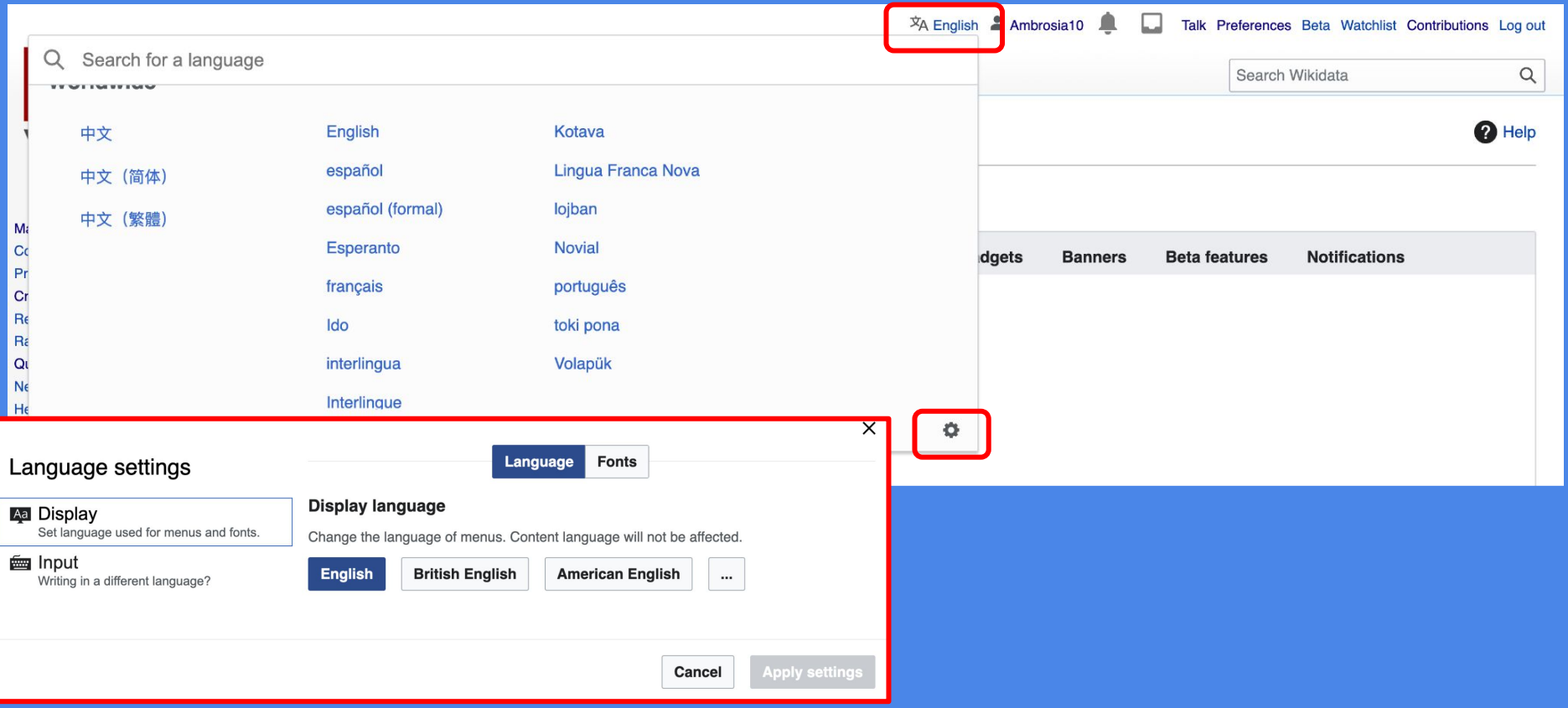
▾ In more languages

Configure

Language	Label	Description	Also known as
English	Ynes Mexia	Mexican-American botanist (1870-1938)	Mexia Ynés Enriquetta Julietta Mexía Ynés Reygados Ynés Mexía Ynes Enriquetta Julietta Mexia Ynes Reygados Mrs. Augustin A. de Reygadas Y. E. J. Mexia Y. Mexia Ynés Enriqueta Julietta Mexia Ynés Mexía de Reygades
Spanish	Ynes Mexia	botánica mexicana-estadounidense (1870-1938)	Ynés Enriquetta Julietta Mexía Ynés Mexía Ynés Reygados Ynes Enriquetta Julietta Mexia Ynes Reygados
German	Ynes Mexia	mexikanisch-US-amerikanische Botanikerin (1870-1938)	Ynes Enriquetta Julietta Mexia Mexia Ynés Enriquetta Julietta Mexía Ynés Mexía
Māori	Ynes Mexia	No description defined	
Arabic	ينيس ميكيا	No description defined	

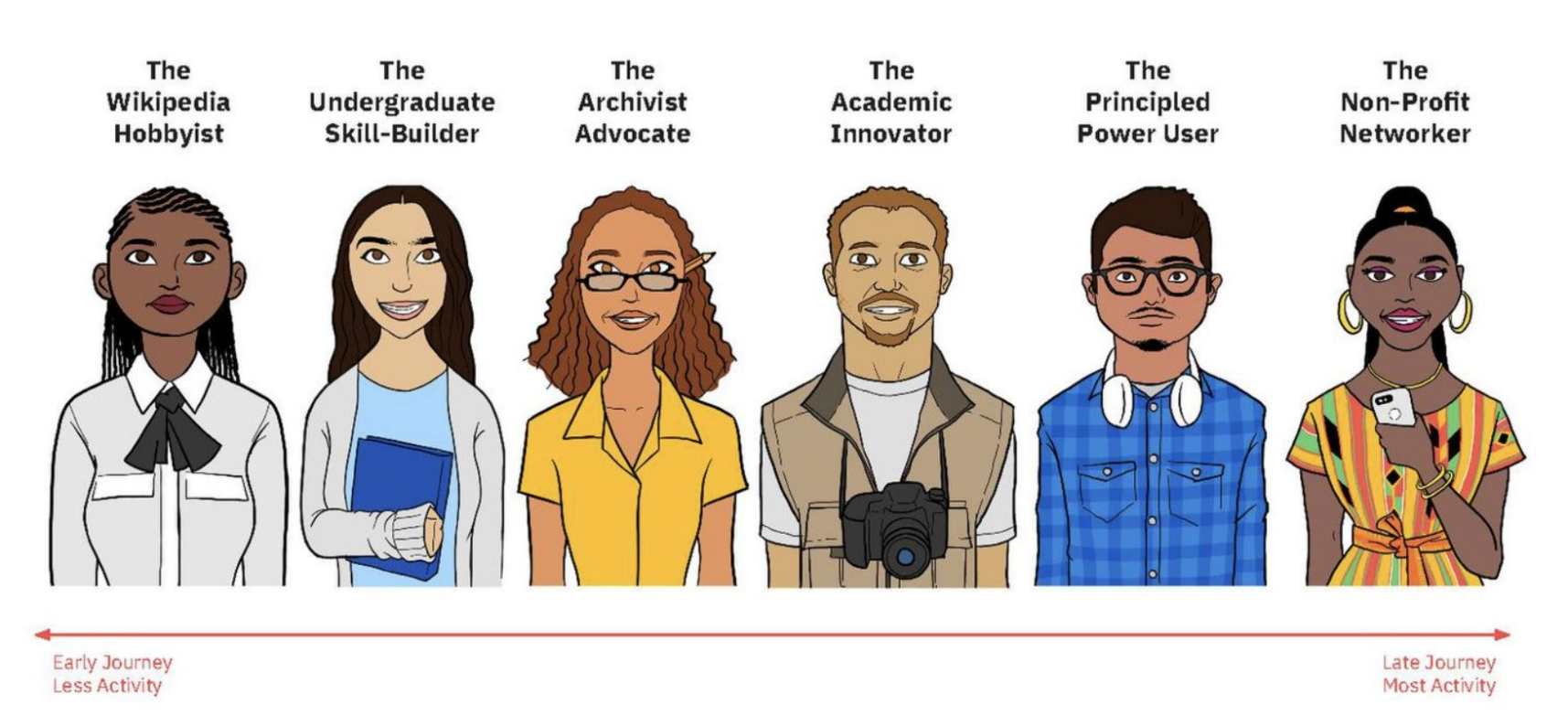
Screenshot of Ynes Mexia wikidata item, CC BY-SA 4.0

Multilingual editing



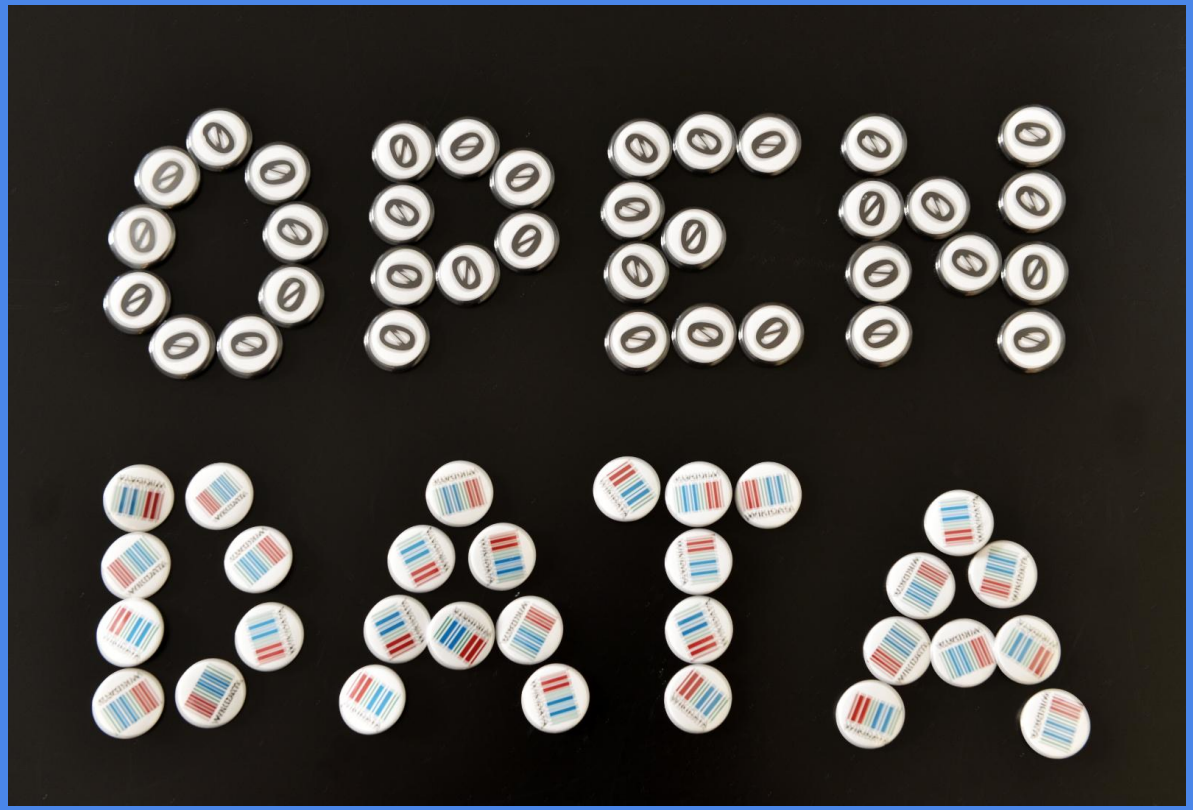
Screenshots of Wikidata language settings, Wikimedia Foundation, CC BY-SA 4.0

Anyone can edit



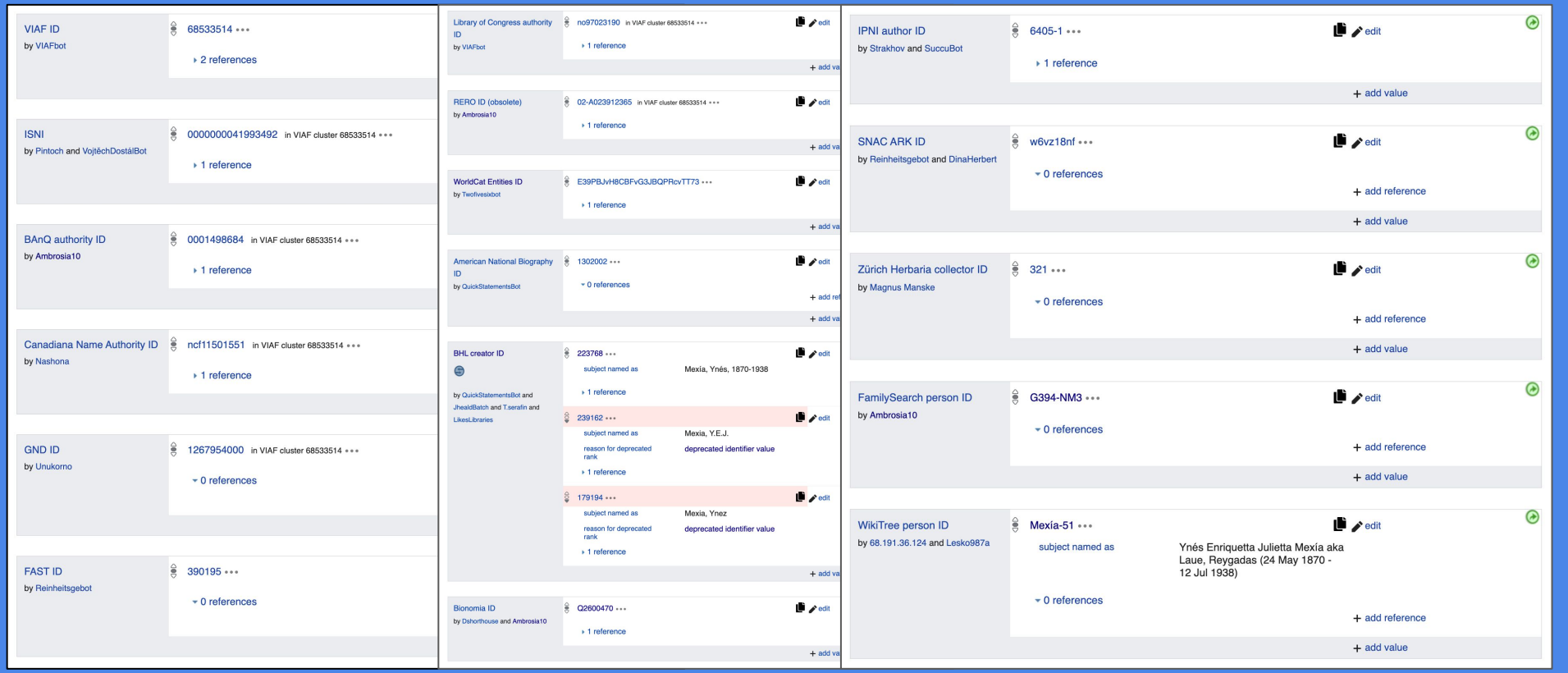
Wikidata Advocates in Emerging Communities by Wikimedia Germany and Reboot, CC BY-SA 4.0, via Wikimedia Commons

CC0 License



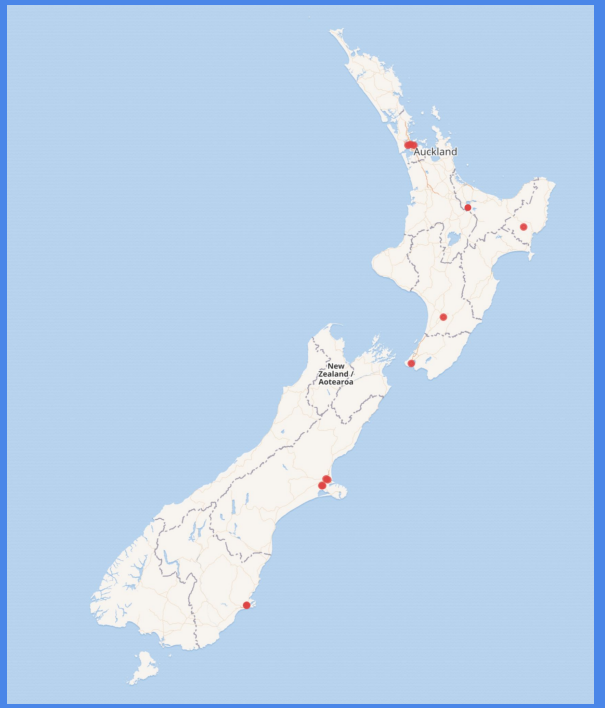
Open Data CC0 by Jan Ainali, CC0, via Wikimedia Commons

Identifier hub



Screenshot of Ynes Mexia Wikidata item identifiers Wikimedia Foundation CC BY-SA 4.0

Queryable



WIKIDATA QUERY BUILDER

English

About this tool

The Wikidata Query Builder provides a visual interface for building a simple Wikidata query. It is ideal for users with little or no experience in SPARQL, the powerful query language. The Query Builder doesn't offer SPARQL's full functionality, but you can always open your query in the Query Service, where you can view, edit or expand it via the link above the results. Feedback is welcome here.

Query

Find all items...

With | Without

Property: instance of

matching

Value: herbarium

Include related values in the search (recommended)

References: with and without references

and | or

With | Without

Property: country

matching

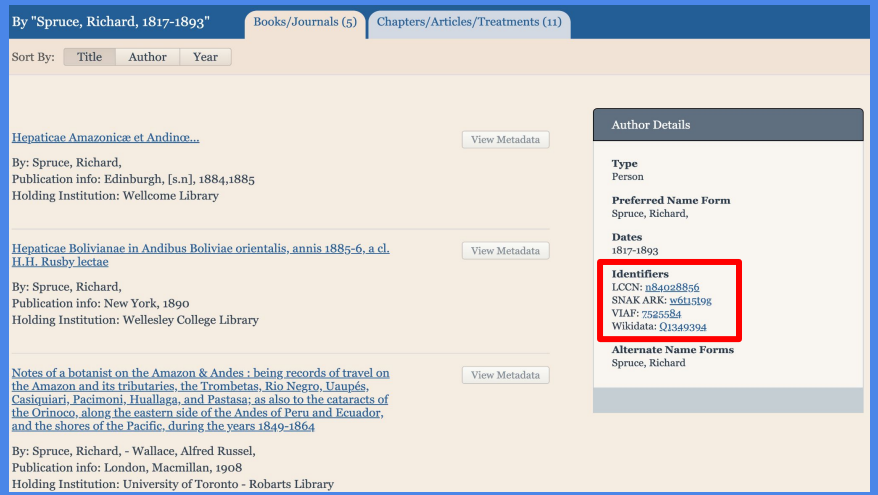
Value: New Zealand

Include related values in the search (recommended)

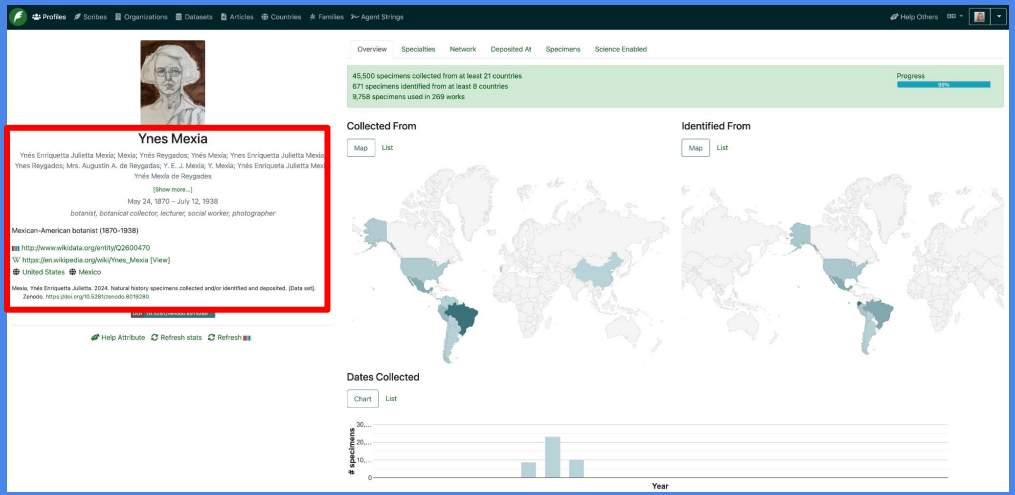
Screenshot of map generated from Wikidata query and screenshot of Wikidata Query Builder, Wikimedia Foundation, CC BY-SA 4.0

Data reuse

Biodiversity Heritage Library

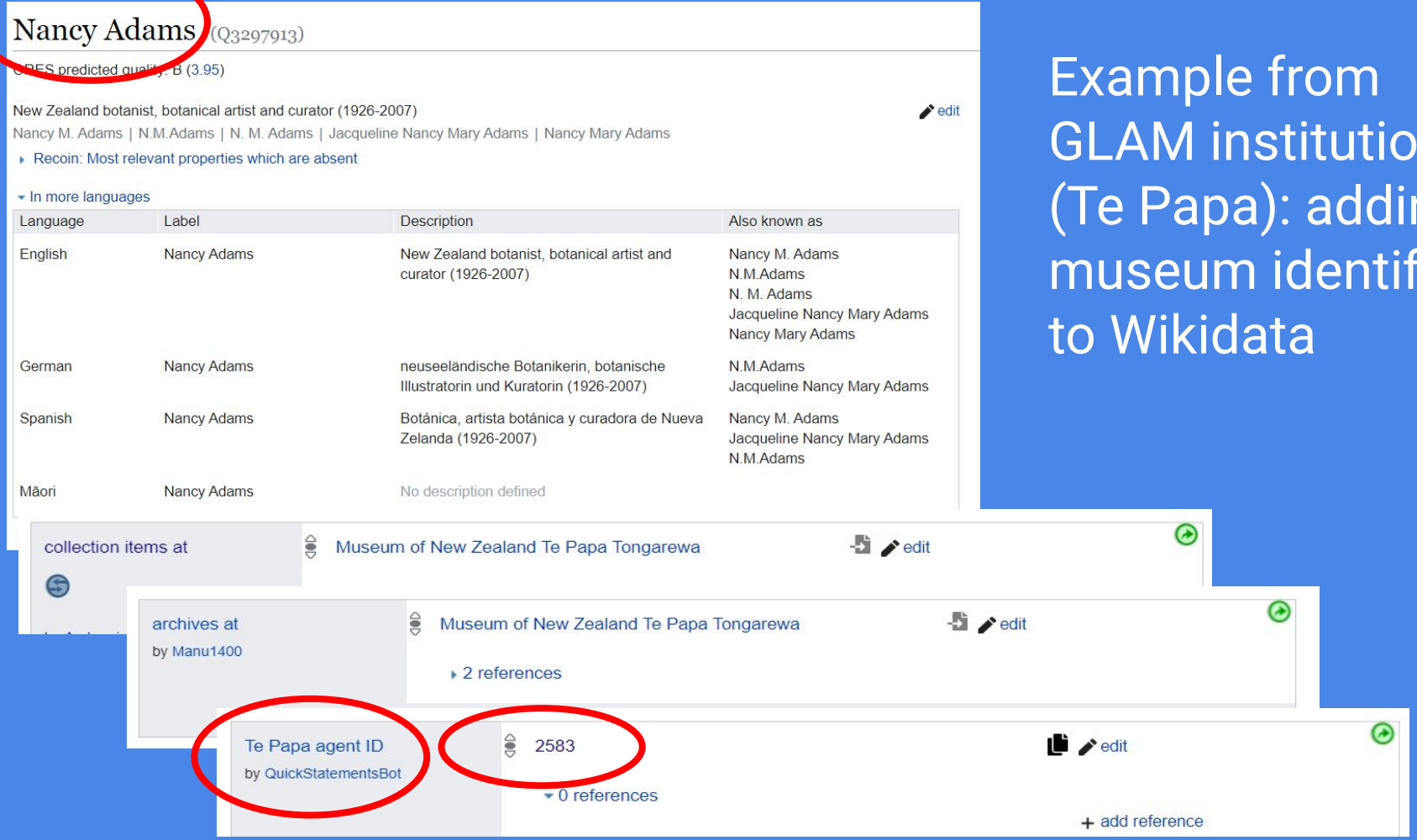


Bionomia



Screenshots of BHL catalogue reused for education purposes under section 43 of the New Zealand Copyright Act. Screenshot from Bionomia reused with permission.

Example from GLAM institution (Te Papa): adding museum identifiers to Wikidata



Screenshot of Wikidata item for Nancy Adams (Q3297913), CC BY-SA 4.0

Example from GLAM institution (Te Papa): adding Wikidata identifiers to our collection database (Emu)

Numbers and Identfiers

	Type	Number / Identifier	Notes
1	Wikidata	Q3297913	
2	IPNI (International Plant Names Index)	32269-1	

Web Associations

	Web	Web Id	Ass. Type	Notes	Display Text	Date Acces...	Publish?
1	https://www.wikidata.org/wiki/Q3297913				Wikidata	23 Oct 2020	Yes
2	https://tiaki.natlib.govt.nz/#details=ethesaur...				Alexander Turnbull Library	06 Jul 2022	Yes
3	https://bionomia.net/Q3297913				Bionomia	26 Jun 2024	Yes

On Te Papa's website →

Nancy Adams CBE

PERSON | OVERVIEW AND RELATED INFORMATION

Related Links

Wikidata
Alexander Turnbull Library
Bionomia

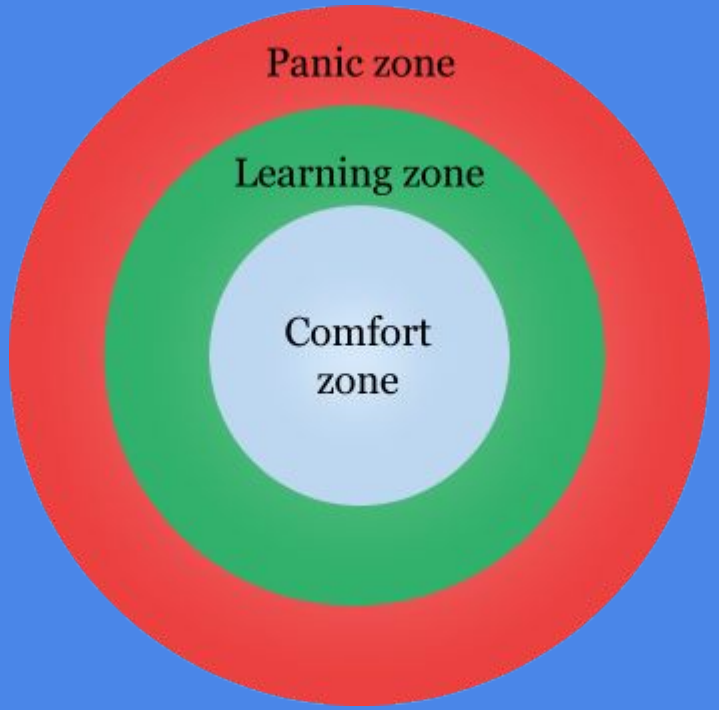
Screenshots of Te Papa's Emu collection database and Collections Online entry for Nancy Adams, Copyright Te Papa, used with permission.

Weave a data ecosystem

Weaving with Phytelephas fronds by Dick Culbert from Gibsons, B.C., Canada, CC BY 2.0, via Wikimedia Commons

2023 Wikidata intensity map

Helpful resources



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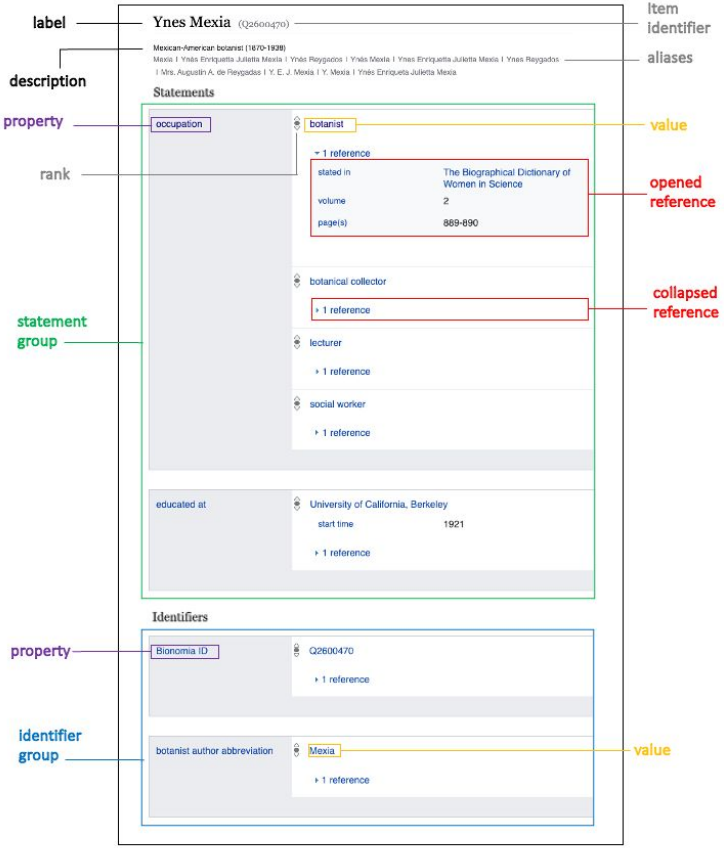
Panic learning and comfort zones by MissLunaRose12, CC BY-SA 4.0 , via Wikimedia Commons

Claim : Item – Property – Value

Item	Property	Value
Ynes Mexia	occupation	botanist
Q2600470	P106	Q2374149

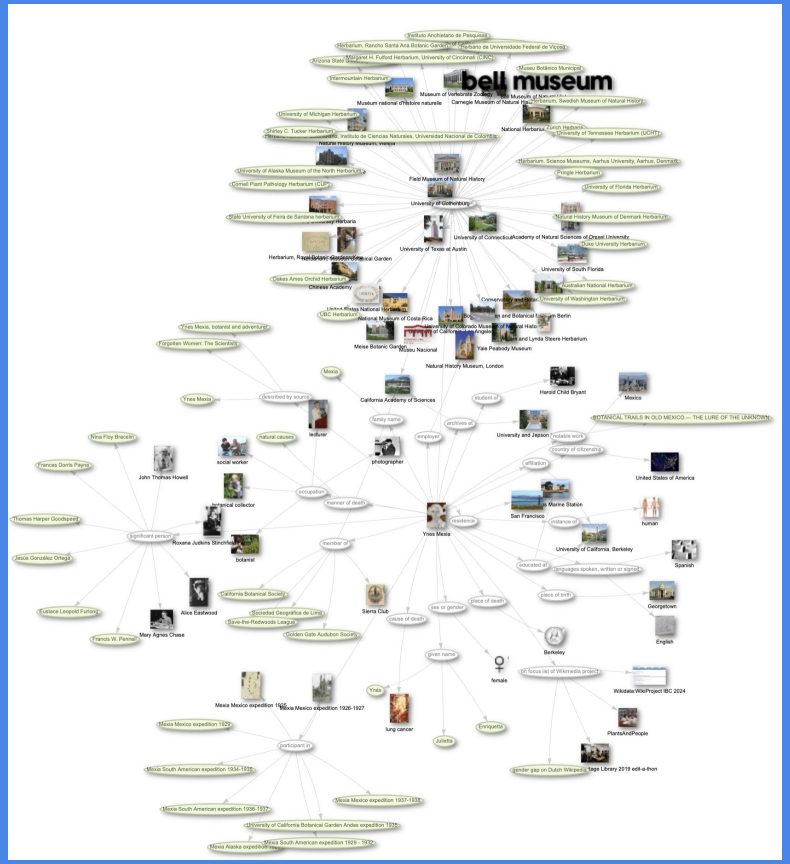


Wikidata item

Ynes Mexia Wikidata item example by Makenzie Mabry (Wikidata: Q36629833), CC BY-SA 4.0, via Wikimedia Commons

Siobhan’s demo for a botanist

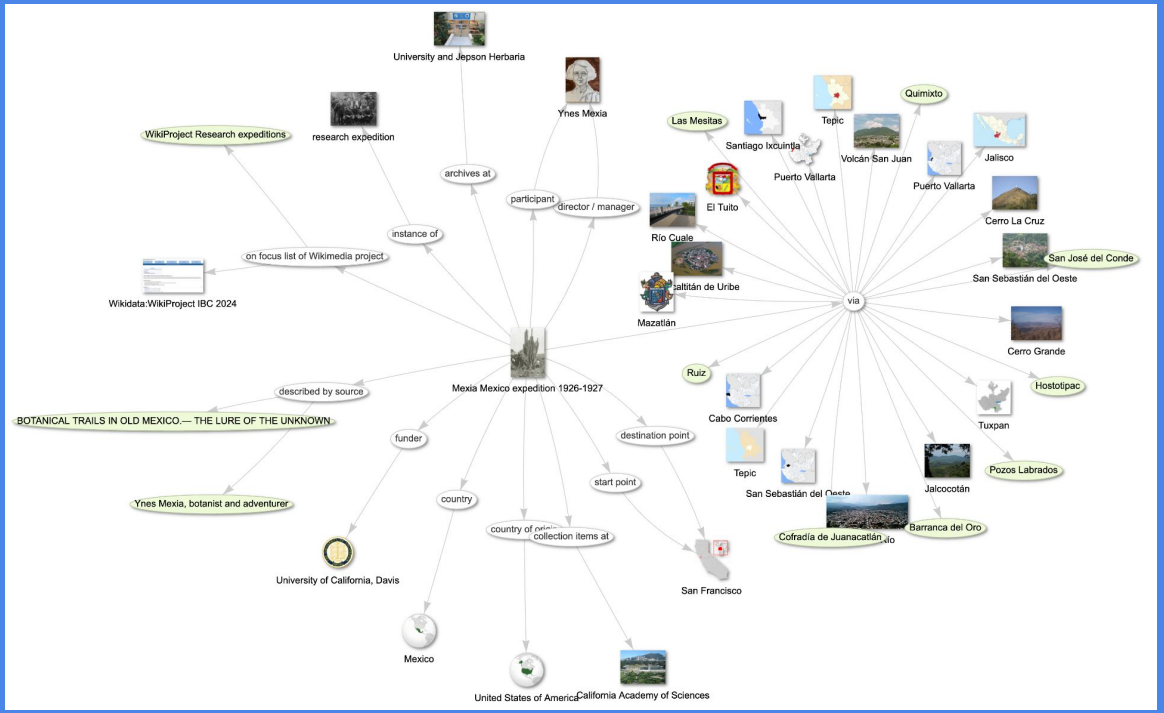
Scholia visualisation - Person



- Creates visualisations based on Wikidata
- Figure is a Scholia visualisation of Ynes Mexia's item
- Visualises links between Mexia's item and other items

Screenshot of Ynes Mexia Scholia topic in context visualisation, by Wikimedia Foundation, CC BY-SA 4.0

Scholia visualisation - Expedition



- Visualisation of one of Mexia's expeditions
- Links expedition to other entities such as participants, locations, publications, and institutions

Mexia Mexico expedition 1926-1927 Scholia topic in context visualisation, by Wikimedia Foundation, CC BY-SA 4.0 , via Wikimedia Commons

Research Expeditions Wikidata item

start time
30 August 1926 *Gregorian* edit
1 reference
+ add value

end time
23 April 1927 *Gregorian* edit
1 reference
+ add value

start point
San Francisco edit
end time 30 August 1926 *Gregorian*
1 reference
+ add value

via
Mazatlán edit
start time 2 September 1926 *Gregorian*
end time 8 September 1926 *Gregorian*
1 reference

Tepic edit
start time 8 September 1926 *Gregorian*
end time 14 September 1926 *Gregorian*
object named as Environs of Tepic
1 reference

Jalcocotán edit
start time 15 September 1926 *Gregorian*
end time 16 September 1926 *Gregorian*
1 reference

via
end time 28 March 1927 *Gregorian*
object named as pack train through Los Rees to railroad
1 reference

San José del Conde edit
start time 29 March 1927 *Gregorian*
end time 30 March 1927 *Gregorian*
1 reference

Mazatlán edit
start time 1 April 1927 *Gregorian*
end time 17 April 1927 *Gregorian*
1 reference
+ add value

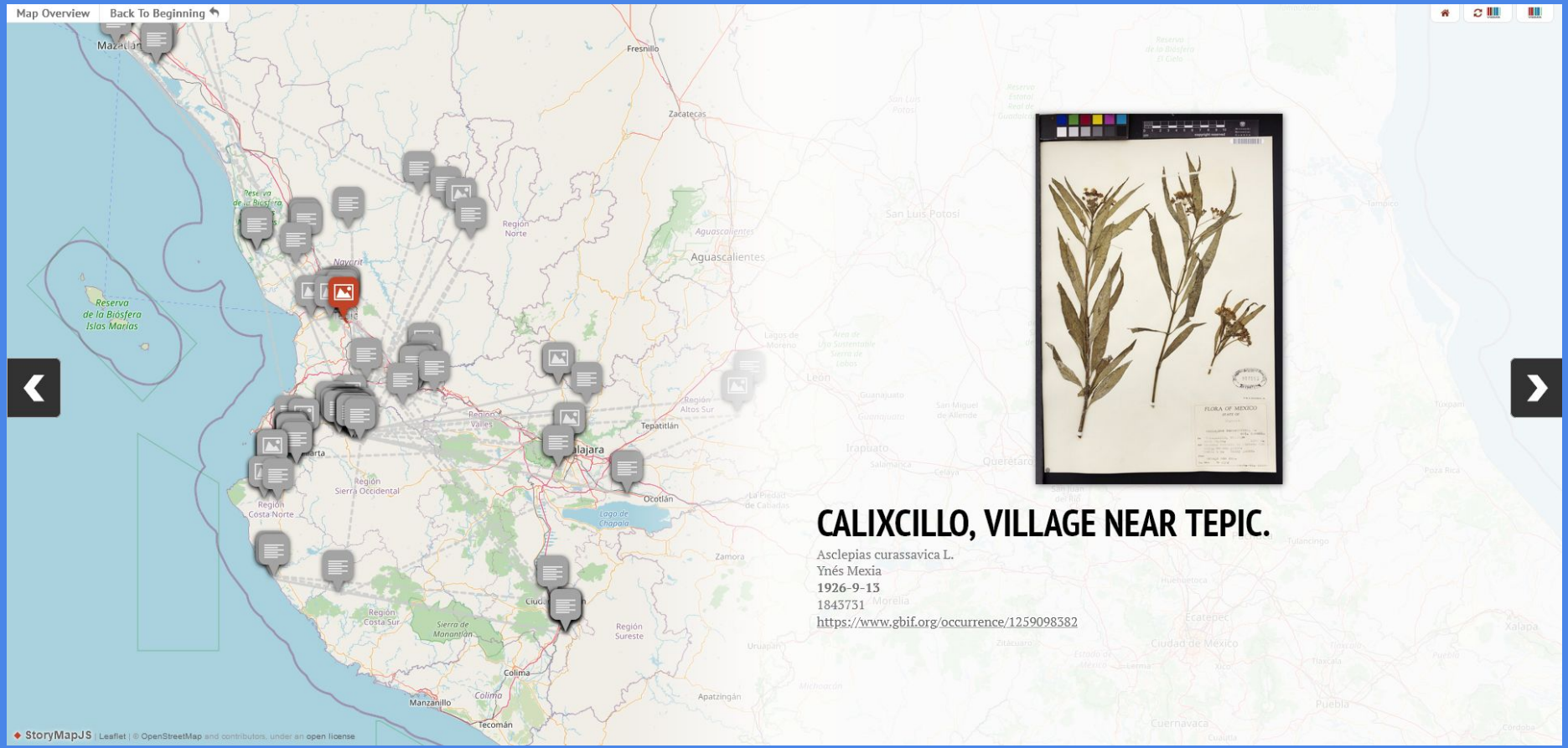
destination point
San Francisco edit
end time 23 April 1927 *Gregorian*
1 reference
+ add value

Screenshots of Wikidata item for Mexia Mexico expedition 1926-1927 (Q125521857), CC BY-SA 4.0

Research Expeditions Visualisation

Screenshots of Research Expeditions Visualisation for Mexia Mexico expedition 1926-1927 (Q125521857), ODbL

Research Expeditions Visualisation



CALIXCILLO, VILLAGE NEAR TEPIC.

Asclepias curassavica L.
Ynés Mexia
1926-9-13
1843731
https://www.gbif.org/occurrence/1259098382

Screenshots of Research Expeditions Visualisation for Mexia Mexico expedition 1926-1927 (Q125521857), ODbL

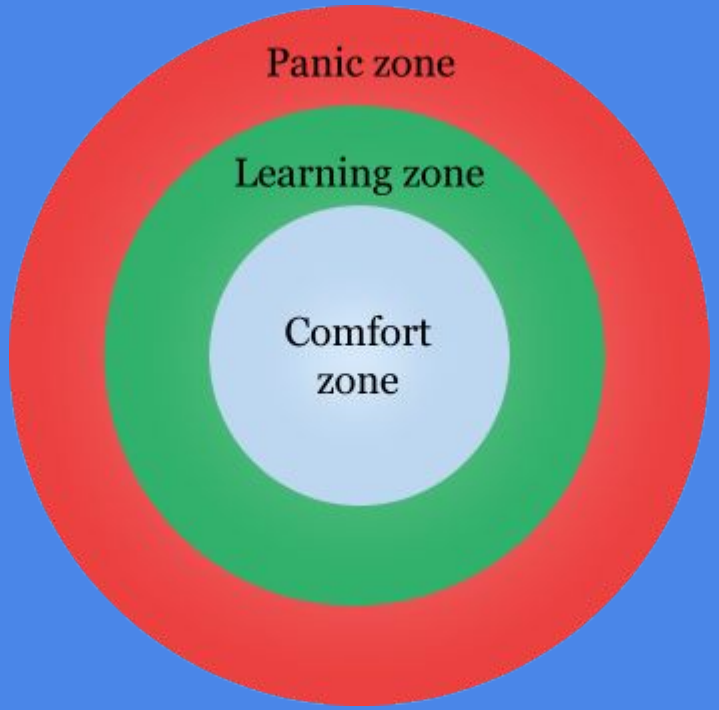
ANY QUESTIONS?

Please take 2 minutes to complete the survey here:

https://forms.gle/gCqoTZpkVBUwhGTGA

Thank you!

Helpful resources



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