

Obsidian & Wikidata:

(supporting biodiversity informatics)

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Wikidata Data Modelling, 1st December 2023

Digital botany: depends on a wide range of information resources

How to manage & navigate these resources as an individual researcher?

Starting c20 years ago: early experiments in “**e-taxonomy**” (taxonomy is the science of naming)

Open science movement made much more general advances:

- Citation management
- Collaborative working
- Document production

Tools to access & navigate specialised resources still an issue



OLS project: extend Obsidian for specimen research: echinopscis.github.io

- Build on existing software & community (Obsidian)
- Access relevant data **in context**:
 - Specimens
 - Names
 - Taxonomies
 - Institutional / researcher profiles
 - Literature
- Create links, explore spatially & in network visualisations
- Cite specimens in new work
- Develop & learn open science working practices



"echinopscis" is an experiment in creating an "extensible notebook for open science" - a working environment that allows researchers to write, access data and create links between literature, specimens, names, institutions, people, traits etc.

Key principles:

- **Control of your data:** as a researcher, you remain in control of your data. The data is stored in text format, on your local machine. Text files are an open format, they will always be accessible without any need for specialised software.
- **Open to choose your working practices:** we've provided small pieces of functionality that can be combined in many different ways, enabling researchers to be "open to choose" how to organise their work.
- **Re-usable skills:** any skills necessary to work with this toolkit should be transferable to other open science tools and practices. If you invest in time exploring this prototype software, the things you learn (markdown formatting, bibliography / citation management, document production etc) could also be applied elsewhere in your work, or in other working environments.
- **Open science:** All code and documentation (and this project site) are managed on [github](https://github.com) - contributions are welcome.



Search by pl

Brummitt, Richard Kenneth (1937-2013)

Standard Form

Brummitt

IPNI Life Sciences Identifier (LSID)

urn:lsid:ipni.org:authors:1221-1

Alternative Abbreviations

Brummitt From Meikle

Alternative Names

Brummitt, Dick

Area of Interest

Spermatophytes

Example of Name Published

Airyantha Brummitt in Kew Bull. 22: 375. 1968.

Countries

United Kingdom

217 names published by Brummitt

Sort by ▾

Acanthostelma Bidgood & Brummitt, Kew Bull. 40(4): 855 (1985).

[POWO](#) [↗](#)

Acanthostelma thymifolium (Chiov.) Bidgood & Brummitt, Kew Bull. 40(4): 855 (1985).

[POWO](#) [↗](#)

Acanthus hirsutus subsp. *syriacus* (Boiss.) Brummitt, Notes Roy. Bot. Gard. Edinburgh 46(1): 8 (1989).

[BHL](#) [↗](#) [POWO](#) [↗](#)

Adenolobus pechuelii subsp. *mossamedensis* (Torre & Hillc.) Brummitt & J.H.ROSS, Kew Bull. 31(2): 403 (1976).

[POWO](#) [↗](#)

Airyantha Brummitt, Kew Bull. 22(3): 375 (1968).

[POWO](#) [↗](#)

BHL creator ID: [133870](#)
Bibliothèque nationale de France ID [fr]: [123860273](#)
Bibliothèque nationale de France ID (Virtual International Authority File): [123860273](#)
Bionomia ID: [Q372403](#)
botanist author abbreviation: [Brummitt](#)
CiNii author ID (books): [DA13896596](#)
CiNii author ID (books) (Virtual International Authority File): [DA13896596](#)
GND ID: [1132226392](#)
GND ID (Bavarian State Library): [1132226392](#)
GND ID (Deutsche Digitale Bibliothek): [1132226392](#)
GND ID (German National Library): [1132226392](#)
GND ID (Heidelberg University): [1132226392](#)
GND ID (Library of Congress Authorities): [1132226392](#)
GND ID (Virtual International Authority File): [1132226392](#)
GND ID (ZBW - Leibniz Information Centre for Economics): [1132226392](#)
Goodreads author ID: [845582](#)
Google Knowledge Graph ID: [/g/120tb1t2](#)
Harvard Index of Botanists ID: [429](#)
IdRef ID: [077701704](#)
IdRef ID (Virtual International Authority File): [077701704](#)
IPNI author ID: [1221-1](#)
ISNI: [0000 0000 5490 2166](#)
ISNI (Virtual International Authority File): [0000 0000 5490 2166](#)
Library of Congress authority ID: [n93008068](#)
Library of Congress authority ID (OCLC, Inc.): [n93008068](#)
Nationale Thesaurus voor Auteurs ID: [150266251](#)
NKC AUT ID: [uk2007310153](#)

testvault

- Douglas Adams
- Notes on species
- start-here

New tab | Douglas Adams | Douglas Adams

Douglas Adams


Properties

- wikidata_entity... Q42
- + Add property

Wikidata

[Q42](#)

Douglas Adams (English author and humourist (1952–2001))



archives at: [St John's College Library ...](#)

award received: [Inkpot Award ...](#)

award received: [Ditmar Award ...](#)

cause of death: [myocardial infarction ...](#)

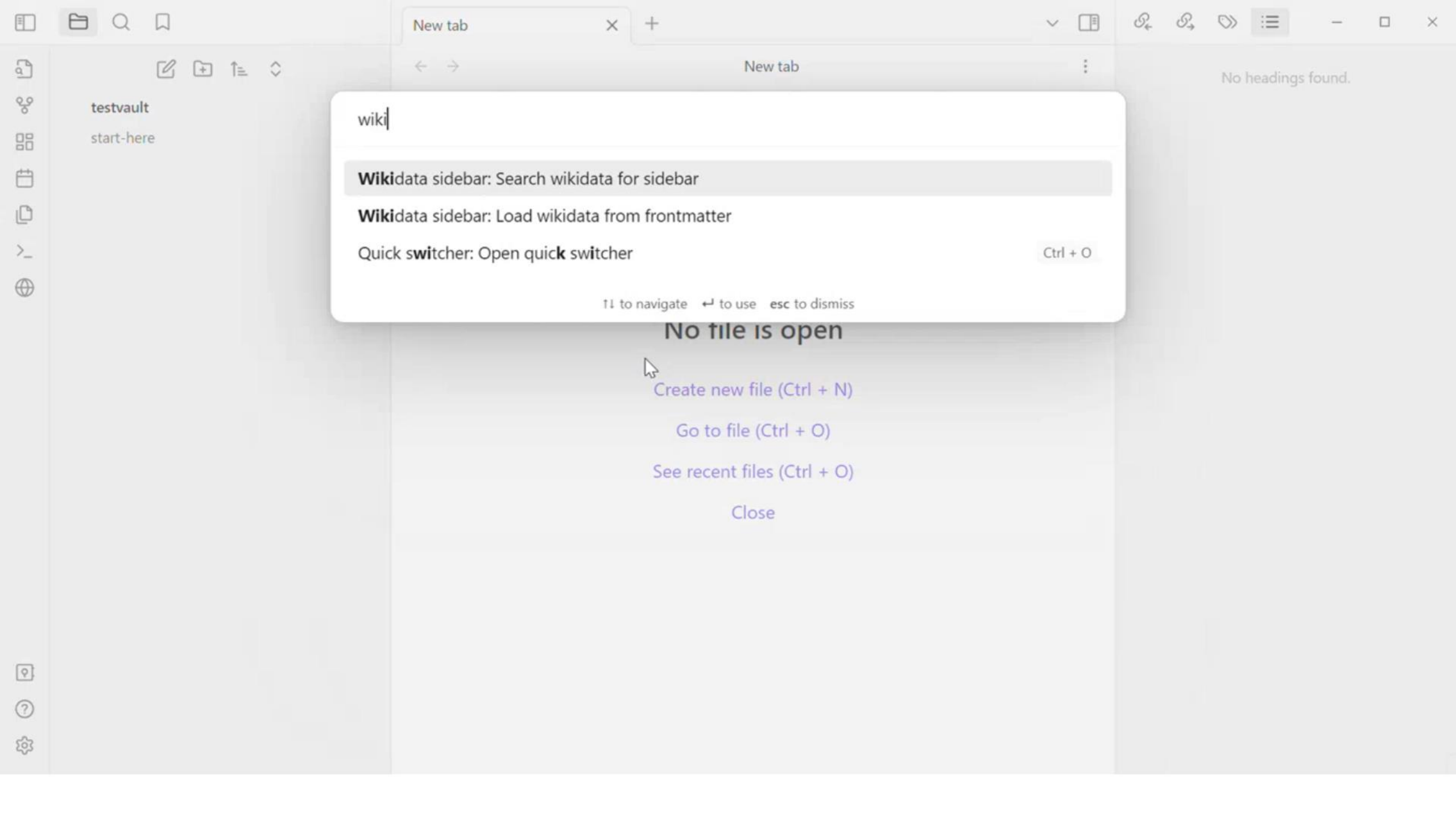
child: [Polly Adams ...](#)

copyright status as a creator: [works protected by copyrights ...](#)

country of citizenship: [United Kingdom ...](#)

described by source: [Obalky knif](#)

0 backlinks 6 words 32 characters



wiki

Wikidata sidebar: Search wikidata for sidebar

Wikidata sidebar: Load wikidata from frontmatter

Quick **switcher:** Open quick switcher

Ctrl + O

↑↓ to navigate ←→ to use esc to dismiss

No file is open

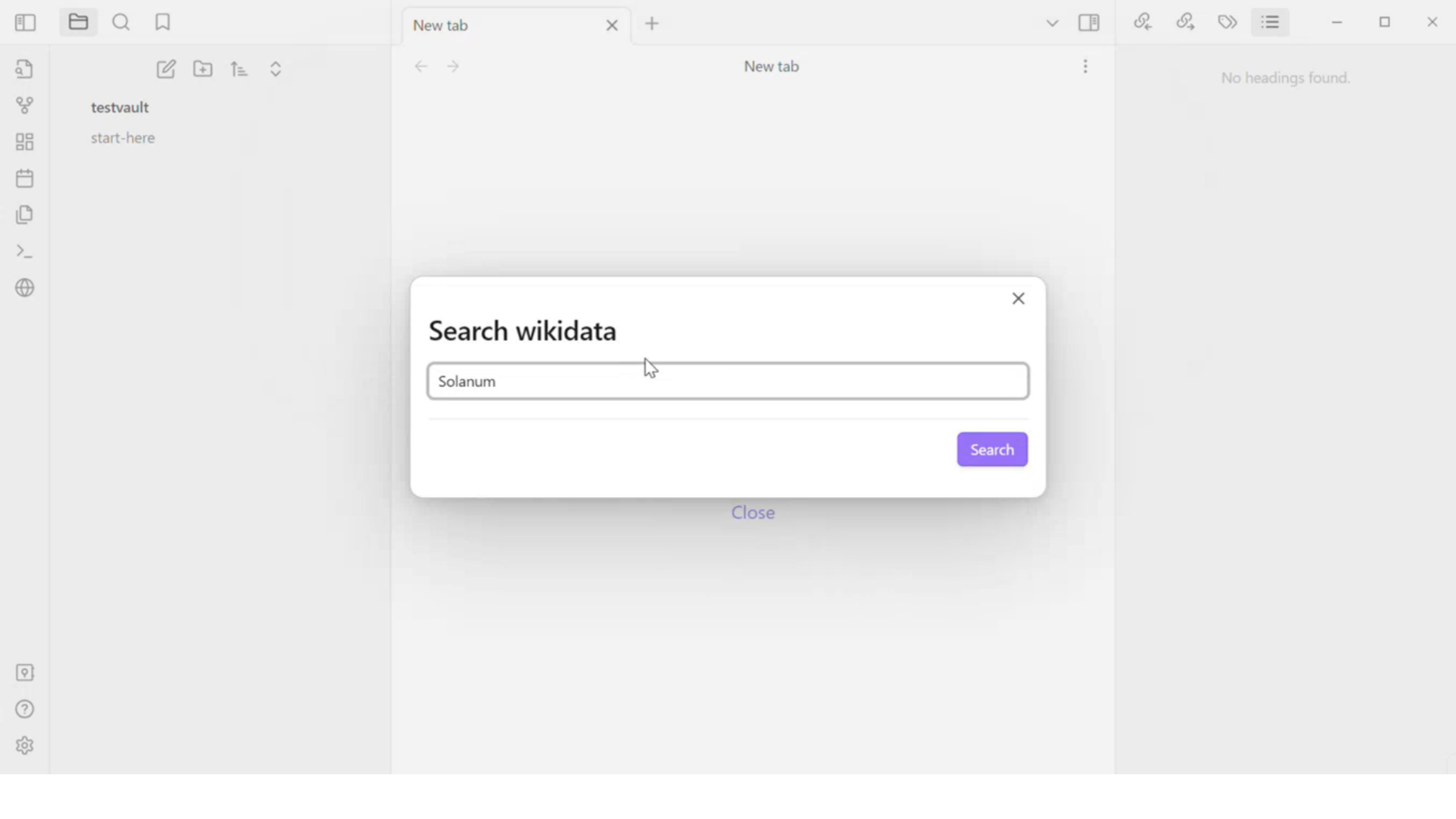


Create new file (Ctrl + N)

Go to file (Ctrl + O)

See recent files (Ctrl + O)

Close



New tab

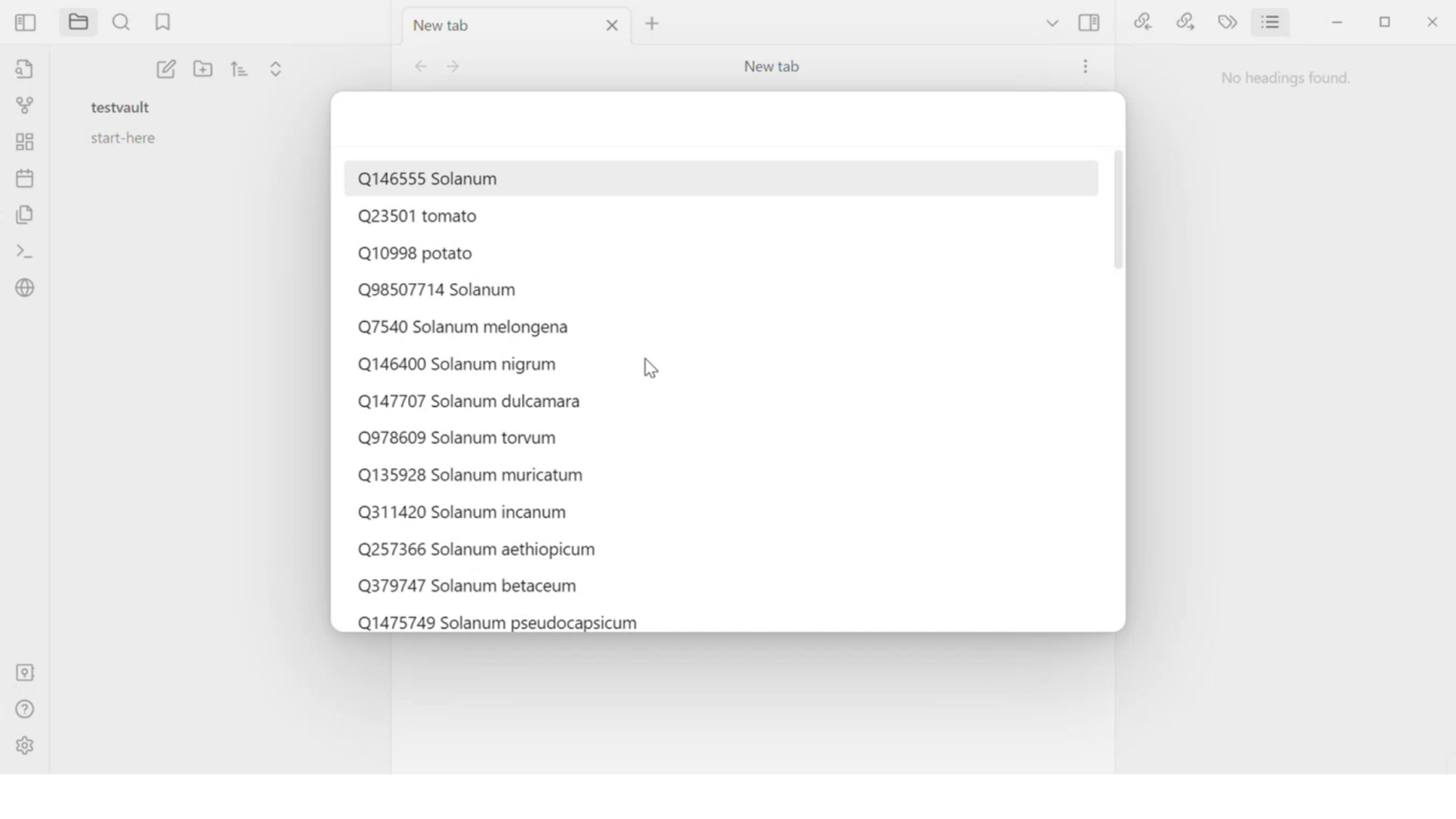
New tab

No headings found.

Search wikidata

Search

Close



Q146555 Solanum

Q23501 tomato

Q10998 potato

Q98507714 Solanum

Q7540 Solanum melongena

Q146400 Solanum nigrum

Q147707 Solanum dulcamara

Q978609 Solanum torvum

Q135928 Solanum muricatum

Q311420 Solanum incanum

Q257366 Solanum aethiopicum

Q379747 Solanum betaceum

Q1475749 Solanum pseudocapsicum

testvault
start-here

New tab

New tab

No file is open

Create new file (Ctrl + N)

Go to file (Ctrl + O)


See recent files (Ctrl + O)

Close

Wikidata

[Q146555](#)

Solanum (genus of plants)



described by source: [Meyers Konversations-Lexikon, 4th edition \(1885–1890\)](#) ...

described by source: [Flora Reipublicae Popularis Sinicae, volume 67\(1\)](#) ...

has fruit type: [berry](#) ...

instance of: [taxon](#) ...

maintained by WikiProject: [WikiProject Invasion Biology](#) ...

parent taxon: [Solaneae](#) ...

permanent duplicated item: [Category:Solanum](#) ...

TL-2

Authors

- Aario, Leo Eino
- Aaronsohn, Aaron
- Aasen, Ivar Andreas
- Abbado, Michele
- Abbeyes, Henri (Robert) Nicollon de...
- Abbeyes, Henri des**
- Abbe, Ernst Cleveland
- Abbot, Charles
- Abbot, Charles (Suppl.)
- Abbott, Francis, Jr.
- Abel, Clarke
- Abel, Clarke (Suppl.)
- Abel, Lothar
- Abel, Othenio
- Abele, Karlis
- Abeleven, Theodoor Hendrik Arnol...
- Abeleven, Theodorus Hendrik Arnol...
- Abendroth, Wilhelm Friedrich
- Abercrombie, John
- Åberg, (Johan) Gerhard (Göran)

Abbeyes, Henri des

Authors / Abbeyes, Henri des

Abbeyes, Henri des

Properties

std_form Abbeyes

+ Add property

BHL link: this entry starts at [page 1](#) of TL-2 Vol. I.
Supporting pages: [abbreviations](#), [layout key](#).

See also [second entry for this author](#)

Author

Abbeyes, Henri des (1898-1974), French lichenologist and plant collector at Rennes.

Abbreviated name: *Abbeyes*

Herbarium and types

[Q953305](#)

Henry Robert Nicollon des Abbeyes (French botanist, lichenologist and plant collector (1898-1974))



award received: [Prix de Coincy ...](#)

award received: [Knight of the](#)

1 backlink 321 words 2,299 characters

Plugin code repo & installation instructions:

- <https://github.com/echinopscis/obsidian-wikidata-plugin>

echinopscis project:

- <https://echinopscis.github.io>

Allied projects:

- Entity Explosion: <https://github.com/99of9/Entity-Explosion>
- Taxonomic Literature II in Obsidian: <https://tl2.io>

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