

PCC Wikidata Pilot Smithsonian Libraries Projects

Discovery Services Forum

June 23 2021



Smithsonian Libraries
Wikidata Projects Team

Topics



- PCC (Program for Cooperative Cataloging) Wikidata Pilot—
Smithsonian Projects
 - African ethnic groups
 - Artists Files
 - Dibner scientists portraits
 - Chinese ancestors portraits (Qing Dynasty)
 - Smithsonian Research Online (SRO)

But First: WIKI and what we mean

- Wiki – a collaborative platform for writing and publishing via a user agent, e.g., browser
- Wikipedia – a collaboratively edited, multilingual, free Internet encyclopedia supported by the non-profit Wikimedia Foundation
- Wikidata – a *global* database (repository), hosting structured data in triples
- Wikibase – a software that drives Wikidata, which supports structured data:
"this" "is" "that" (subject item (Q#)—property (P#)—object item (Q#))
- Data modeling – analyze data requirements to support logic, structure, discoverability, context, etc.

Linked Data resources in PRISM

The screenshot shows a website page for the Smithsonian Libraries and Archives. At the top, there is a navigation bar with links to Home, Services and Guides, Collections and Search, Records Management, About Us, and Contact Us. A logo of a sun-like symbol is on the left. The main title is "Wikimedia and Linked Data". Below the title, a sub-headline reads: "The Descriptive Data Management and the Resource Description departments of SLA provide expertise to the Smithsonian Community on Linked Open data, Wikimedia Commons, Wikipedia, Wikidata and Wikimedia Projects Training." There are two main sections: "Contact" (with a link to "Wikimedia and Linked Data inquiries") and "Wikimedia Project Services". The "Wikimedia Project Services" section lists services such as training, presentations, assistance, and liaison work. The "Linked Open Data Services" section describes structured data linking to other data points and includes a list of specific services like Person data, Research data, etc. At the bottom, there is a "Wikimedia and Linked Data FAQs" section with a list of questions.

Wikimedia and Linked Data

The Descriptive Data Management and the Resource Description departments of SLA provide expertise to the Smithsonian Community on Linked Open data, Wikimedia Commons, Wikipedia, Wikidata and Wikimedia Projects Training.

Contact

[Wikimedia and Linked Data inquiries](#)

Wikimedia Project Services

SLA has staff members who provide the following services:

- Training for groups and individuals in editing [Wikipedia](#) and other [Wikimedia Foundation](#) projects (such as [Wikidata](#) and [Wikimedia Commons](#)) for Smithsonian staff, interns, fellows, volunteers and affiliates
- Presentations on creating and improving Wiki content in your unit's area of subject expertise
- Assisting in your unit's educational and public outreach efforts through Wikimedia Foundation projects
- Acting as a liaison with Wikipedians locally and worldwide who are working on [GLAM](#) ([Galleries](#), [Libraries](#), [Archives](#) & [Museums](#)) projects and are eager to be of help by designing tools or serving on short or long-term volunteer assignments in collaboration with your unit.

Linked Open Data Services

Structured data that links to another data point

- Person data
- Research data
- Description data
- Data modeling
- Bibframe
- How linked data impacts web results and visibility
- Consultation for data models and designs
- Data may include person data, collection data, metadata
- Controlled vocabulary or thesauri consultations for cultural heritage collections
- Consultations for Wikimedia projects, e.g. [Wikipedia](#), [Wikimedia Commons](#) (audio, video, images), etc.

Wikimedia and Linked Data FAQs

- » History
- » Smithsonian and Wiki Foundation Projects
- » Terms and Background about Wikimedia and Linked Open Data
- » What are linked data and linked open data?
- » What are semantic queries?
- » What is a SPARQL endpoint?
- » What is DBpedia? What is its relationship to Wikipedia and Wikidata?
- » What is Wikibase?
- » What is Wikidata?
- » What is Wikimedia Commons?
- » What will be the expected outcome?



sinet.sharepoint.com/sites/Prism-SLA/SitePages/Wikimedia-and-Linked-Data.aspx



African ethnic groups

Janet Stanley, subject expert

Heidy Berthoud, data modeling

*Color-coded map of African ethnic groups,
[main-qimg-e5f361caf60f25a005335c11bc538b0f \(602×712\) \(quoracd.net\)](#)*

African ethnic groups

Project methodology:

1. Review existing records for various ethnic groups in Wikidata to isolate commonly used fields.
2. Develop data model suitable for African ethnic groups.
3. Use existing list of African ethnic groups present in our catalog as pilot set for creation or revision.

African ethnic groups

Core properties:

Country (P17); Described at URL (P973); Described by source (P1343); Has part (P527); Instance of (P31); LC authority ID (P244); Location (P276); Native label (P1705); On focus list of Wikimedia projects (P5008); Part of (P361)

Extended properties:

Different from (P1889); End time (P582); Official language (P37); Population (P1082); Religion (P140); Start time (P580)

Potential new properties:

Colonial name; colonized by

African ethnic groups

Challenges:

- Thousands of ethnic groups to research and only one subject expert
- Groups do not fit neatly within the constraints of international borders
- Difficult to contextualize provenance/usage of alternative group names within Wikidata's current properties
- No existing properties to make clear settler colonial influences and intrusions

African ethnic groups

Project goals:

- Provide accurate, well-researched data supported by citations for a region that is under-represented in Wikidata
- Create links that will lead researchers back to library collections
- Flag potential changes and additions to Library of Congress Subject Headings (LCSH)
- Develop a framework for describing ethnic groups that can be modified for regions beyond Africa

African ethnic groups

Future directions:

- Collaborate with colleagues at Northwestern University Libraries on representing resources published in Africa/about Africa in Wikidata
- Collaborate with subject experts at Library of Congress to expand project reach within Wikidata or pull Wikidata terms into LCSH
- Expand pool of subject experts to describe ethnic groups beyond our initial list

Art and Artists Files

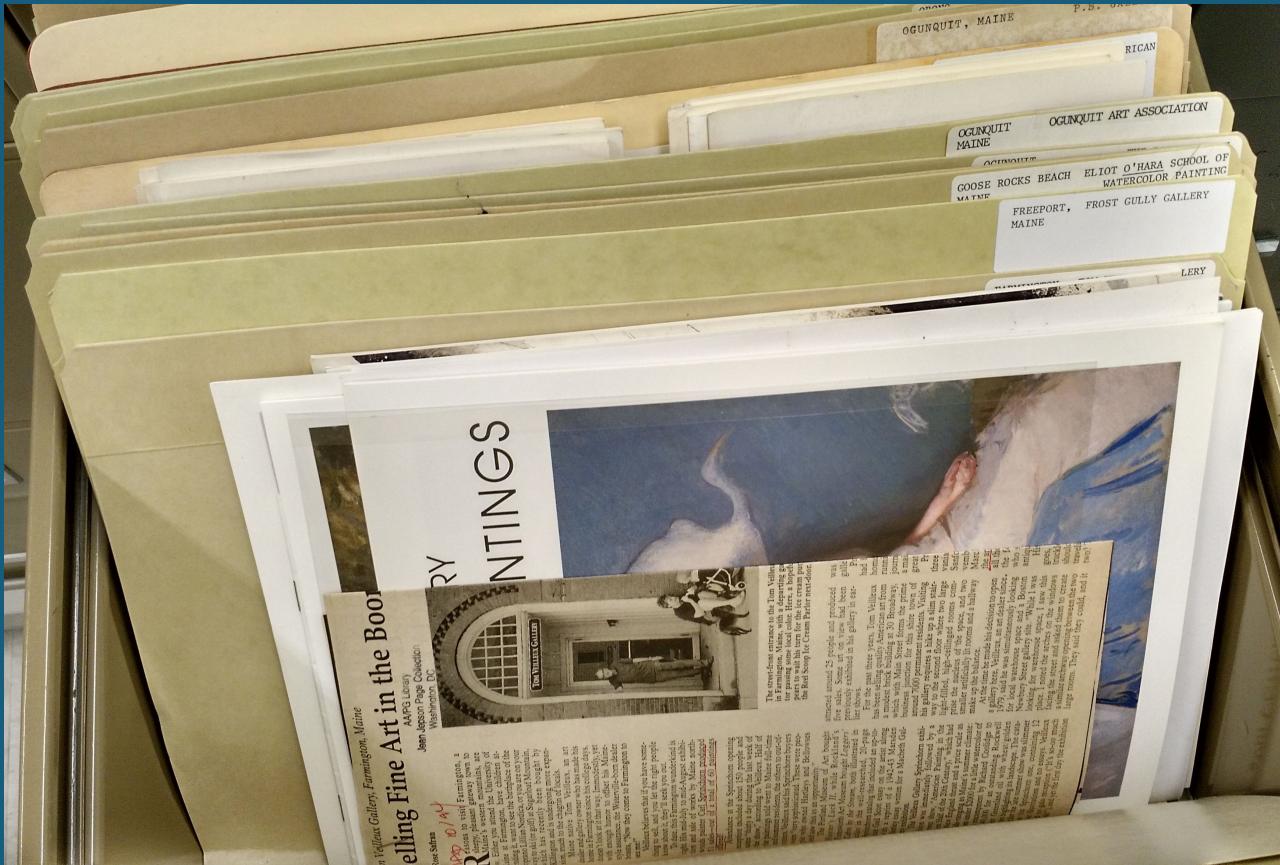
instance of (P31): WikiProject PCC Wikidata Pilot/Smithsonian
Libraries/Projects/ Artists Files

Pilot project to expand local database of artists to a linked environment

Team:

- Rebecca Bruner
- Alan Katz *rotated off
- Nilda Lopez
- Alex Reigle
- Anne Evenhaugen

Artists Files



Smithsonian
Libraries and Archives

Artists Files



Smithsonian
Libraries

Online Books ▾ Digital Collections ▾ Exhibitions ▾ Research Tools ▾ Get Involved ▾ Education ▾ About ▾ **Support ▾**

Search 

[Home](#) » [Digital Collections](#) » Art & Artist Files

Art and Artist Files

The Smithsonian Libraries' Art and Artist Files are an exceptionally valuable resource for art historical research done on emerging regional and local artists and often are the only obtainable sources of information on those artists. Spread over seven branches, the vertical files contain information on artists and art collectives, galleries, and museums from around the world, but primarily from North America and Africa. There are over 150,000 files that contain ephemera such as exhibition announcements, newspaper and magazine clippings, press releases, brochures, reviews, invitations to gallery shows, illustrations, résumés, artists' statements, small catalogs, and/or reproductions.

Search for Art and Artist Files at the Smithsonian

Keyword search

Limit search to people Limit search to organizations **GO**



<https://library.si.edu/art-and-artist-files>

Artists Files

2020 “Pilot” Phase:

- Create and Test workflows with pilot set of names derived from Art & Artist File (AAF) database that matched with SAAM's Artist Names list (pilot list =3,797 names).
- Workflows include using OpenRefine to match existing Wikidata QIDs and pull in other standard identifiers (VIAF, LCNAF, ARTIC, ULAN, etc.)
- Draft Base, Core, Extended Properties for creating new QIDs.
- Final product of pilot will be matched list, plus list of new QIDs to be created, a tested workflow, and staff will build skills with new software.

	SAAM_DisplayName	BirthDate	DeathDate	WD_Link	WD_Q#	Library of Congress authority ID	VIAF ID	ULAN ID	ARTIC artist ID	Photographers' Identiti
1	Charles Hoover	4 8, 1897	11 6, 1969	link	Q21751012					
2	Charles Hopkinson	7 27, 1869	10 16, 1962	link	Q5079125	n92014704		41029506	500003076	42274
3	Charles Howard	1 2, 1899	11 11, 1978	link	Q19999026	n90673599		68092237	500010545	
4	Charles Hubbard		1801	link	Q96760245					
5	Charles Hunt		1803 11 15, 1877	link						
6	Charles LeDray		1960	link	Q5080122	nr2002044092		59021869	500124631	
7	Charles Wheeler Locke	8 31, 1899	7 14, 1983	link	Q52119054	nr94042203		95832853	500024549	15455
8	Charles Miner	12 7, 1947		link	Q2959838	n97848788		95783695	500016714	
9	Charles Monnet	1 10, 1732		link	Q2960037	nr2003013702		56552790	500021801	67893
10	Charles Olson	3 2, 1951		link	Q42156264	n50021574		57475273	500033931	32495
11	Charles Parsons	5 8, 1821	11 9, 1910	link	Q18508052	n2001126159		19035173	500016712	
12	Charles Pollock	12 25, 1902	5 8, 1988	link	Q2960037	nr2003013702		205711093	500027843	
13	Charles Pratt	4 13, 1926	5 25, 1976	link	Q20119904	no2008149315		25765393	500013751	
14	Charles Robertson		1759 11 10, 1821	link	Q17492024	nr99002663		19275625	500021711	
15	Charles Rosen	4 28, 1878	6 21, 1950	link	Q5082179	n966050665		77754753		
16	Charles Ross	12 7, 1937		link	Q21293112	n85185658				
17	Charles Sheeber	11 16, 1914	9 27, 1985	link	Q2376818	n78056297		95947364	500041081	23495
18	Charles Seliger	6 3, 1926	10 1, 2009	link	Q21592050	nr90035723		4852461		
19	Charles Shannon	6 22, 1914	4 5, 1996	link	Q624868	n79067889		29542632	500115325	36631
20	Charles Sheeler	7 16, 1883	5 7, 1965	link	Q43139099	n95034856		26648952	500336319	26726
21	Charles Turzak	8 20, 1899	1 31, 1986	link	Q1640096	n80104330		25909326	500076224	
22	Charles Umlauf	7 17, 1911	11 19, 1994	link	Q21751032	nr94018477		96028528	500052034	
23	Charles Wells	12 24, 1935		link	Q5083521	nr82098906		18090428	500115749	42434
24	Charles Wilbert White	4 2, 1918	10 3, 1979	link	Q52156529					
25	Charles A. Willimovsky	9 10, 1885	10 , 1974	link						
26	Charles Banks Wilson	8 6, 1918		link	Q5075406	n85194408		57413107	500349787	
27	Charles Bird King	9 26, 1785	3 18, 1862	link	Q2958563	n88156294		27883064	500003108	
28	Charles Courtney Curran	2 13, 1881	11 0, 1949	link	Q048001	n90614223		22020863	500016024	5703
29	Charles B. Keeler	4 2, 1882	1 19, 1964							

Artists Files

Examples of Properties for New QIDs

- family name (P734)
- given name (P735)
- sex or gender (P21)
- date of birth (P569)
- date of death (P570)
- country of citizenship (P27)
- occupation (P106)
- pseudonym (P742)
- floruit (P1317)
- place of birth (P19)
- notable work (P800)
- movement (P135)
- ethnic group (P172)
- work location (P937)
- employer (P108)
- educated at (P69)
- has works in the collection (P6379)

A1	Level	B	C	D
	A	Label	wikidata#?	Definition/relationship
1	Level			ULAN / LCNAF / VIAF /WCidentites
2		Identifiers		
3	Base	LastName	P734	family name
4	Base	FirstName	P735	given name
5	Base	Aliases	P742	AkaNames
6	Base	occupation	P106	Artist, Painter, Sculptor, etc.
7	Base	DOB	P569	
8	Base	Date of death	P570	
9	Base	instance of	P31	human!
10	Base/Core	ActiveDate	P1317	Is this possible? When life dates are not known, as in "active," "circa," "flourished." Can be A: Yes, WD has property: floruit, P1317
11	Core	sex or gender	P21	
12	Core	Country of citizenship	P27	
13	Core	Place of birth	P19	
14	Extended	In collection of	P6379	
15	Extended	Notable work	P800	notable scientific, artistic or literary work, or other work of significance among subj
16	Extended	has works in collection of	P6379	museums, personal collections?
17	Extended	Student of	P1066	
18	Extended	Teacher of	P802	
19	Extended	ethnic group	P172	
20	Extended	member of	P463	

Artists Files

Eleanor Dickinson (Q107166943)

American Artist

Eleanor Creekmore Dickinson

► Recoin: Most relevant properties which are absent

▼ In more languages

Configure

Language	Label	Description	Also known as
English	Eleanor Dickinson	American Artist	Eleanor Creekmore Dickinson
Spanish	No label defined	No description defined	
Traditional Chinese	No label defined	No description defined	
Chinese	No label defined	No description defined	

All entered languages

Statements

Statements

instance of	human
	▼ 0 references

country of citizenship	United States of America
	▼ 0 references

date of birth	7 February 1931
	► 1 reference

place of birth	Knoxville
	▼ 0 references

Identifiers

VIAF ID	95743464
	▼ 0 references
	+ add reference

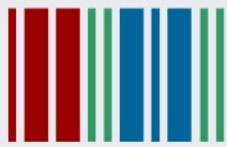
Union List of Artist Names ID	500488899
	▼ 0 references
	+ add reference

Library of Congress authority ID	n79103596
	▼ 0 references
	+ add reference

WorldCat Identities ID	lcnn-n79103596
	▼ 0 references
	+ add reference



Smithsonian
Libraries and Archives



Alma Thomas (Q4733608)...

[Item](#) [Discussion](#) [★](#)[History](#)

African American Expressionist painter and art educator (1891-1978)

Alma W. Thomas | Alma Woodsey Thomas

[1 reference](#)[More](#)[What links here](#)[Related changes](#)[Permanent link](#)[Page information](#)[Recoin: Most relevant properties w...](#)[+ add value](#)[In more languages](#)[Configure](#)

Language	Label
English	Alma Thomas
Spanish	Alma Thomas
Traditional Chinese	No label defin...
Chinese	No label defin...

[All entered languages](#)

artist files at	Hirshhorn Museum and Sculpture Garden Library ...	
	1 reference	
	Anacostia Community Museum Library ...	
	1 reference	
	Frick Art Reference Library ...	
	1 reference	
	Smithsonian American Art and Portrait Gallery Library ...	
	1 reference	

[+ add value](#)[personal pronoun](#)

she ...

[1 reference](#)

Art and Artists Files

What is next?

Goal = to reconcile the remaining ~55,000 names in our database
with Wikidata!

Artist Files PCC Project Page:

https://www.wikidata.org/wiki/Wikidata:WikiProject_PCC_Wikidata_Pilot/Smithsonian_Libraries/Projects/Artists_Files

Eleanor Dickinson wikidata entry: <https://www.wikidata.org/wiki/Q107166943>

Property proposal draft: https://www.wikidata.org/wiki/Wikidata:Property_proposal/has_artist_file_in

New “has artist files at” property: <https://www.wikidata.org/wiki/Property:P9493>

Alma Thomas wikidata entry: <https://www.wikidata.org/wiki/Q4733608>

Chinese Ancestors Portraits



Project Team

Kathryn Phillips
Keala Richard
Shu Yue
Mike Smith

Chinese Ancestors Portraits

Focus & Coverage

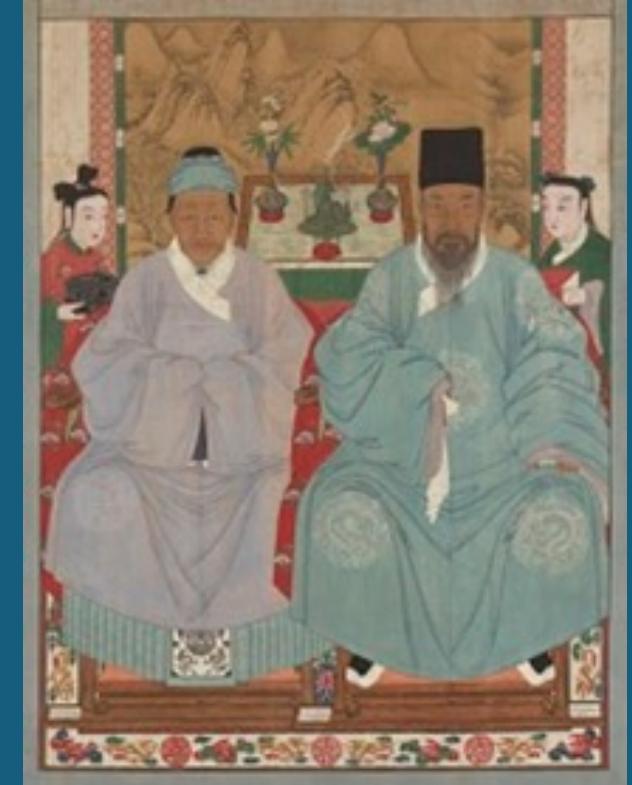
- 90 Chinese Ancestor Portraits in the Freer and Sackler Galleries Collections
- Building Chinese Qing Courtiers and Officials Name Authority Data in Wikidata



Chinese Ancestors Portraits

Training & Documentation

- Webinars and Online Wikidata Project Documents
- SLA Staff, Andrew Lih, LD4, PCC and Wikimedia Deutschland
- Microsoft Teams



Chinese Ancestors Portraits

Tools and Resources

- [Worshiping the Ancestors \(exhibition catalog\)](#)
- [National Library Taiwan Link Resources](#)
- [Buddhist Studies Authorities Database Project](#)
- [China Biographical Database](#)
- [Wikipedia - China: Bao Zheng](#)

The collage consists of four separate screenshots:

- Top Left:** A portrait of a man with a long beard and a traditional Chinese official's hat, displayed on the Internet Archive website.
- Top Right:** A screenshot of the "國家圖書館鏈結資源" (National Library Taiwan Link Resources) page, showing search fields and a sidebar for the Buddhist Studies Authority Database Project.
- Middle Left:** A screenshot of the "Buddhist Studies Authority Database Project" homepage, featuring links to Time, Person, Place, and Tripitaka databases.
- Middle Right:** A screenshot of the "China Biographical Database Project (CBDB)" homepage, showing a portrait of a man and navigation links.

Chinese Ancestors Portraits

Expected outcomes and impacts

- Identify descriptive issues related to language and culture
- Identify properties needed for SI instance of Wikibase
 - Individuals
 - Institutions
 - Objects (i.e., Ancestor paintings)
 - Books



Chinese Ancestors Portraits

CAPP Wikidata Properties

The importance of family and rank

Properties Related to Portrait Sitters and Artists [edit]		
Core properties: [edit]		
Property	Value	Usage Note
instance of (P31)	human (Q5)	required
sex or gender (P21)		
country of citizenship (P27)		
date of birth (P569)		
date of death (P570)		
family (P53)		noble house. NOT family name
family name (P734)		person only; not family

Extended properties: [edit]		
Property	Value	Usage Note
father (P22)		
mother (P25)		
spouse (P26)		
sibling (P3373)		
child (P40)		
given name (P735)		
birth name (P1477)		
place of birth (P19)		
place of death (P20)		
cause of death (P500)		

Chinese Ancestors Portraits

Problems and challenges

- Data modeling – Cultural Context of Terms
- Research challenges
 - Printed Material Inaccessible (Library Closed)
 - Online Resources in Chinese
- Fewer Wikidata Items for Things Chinese

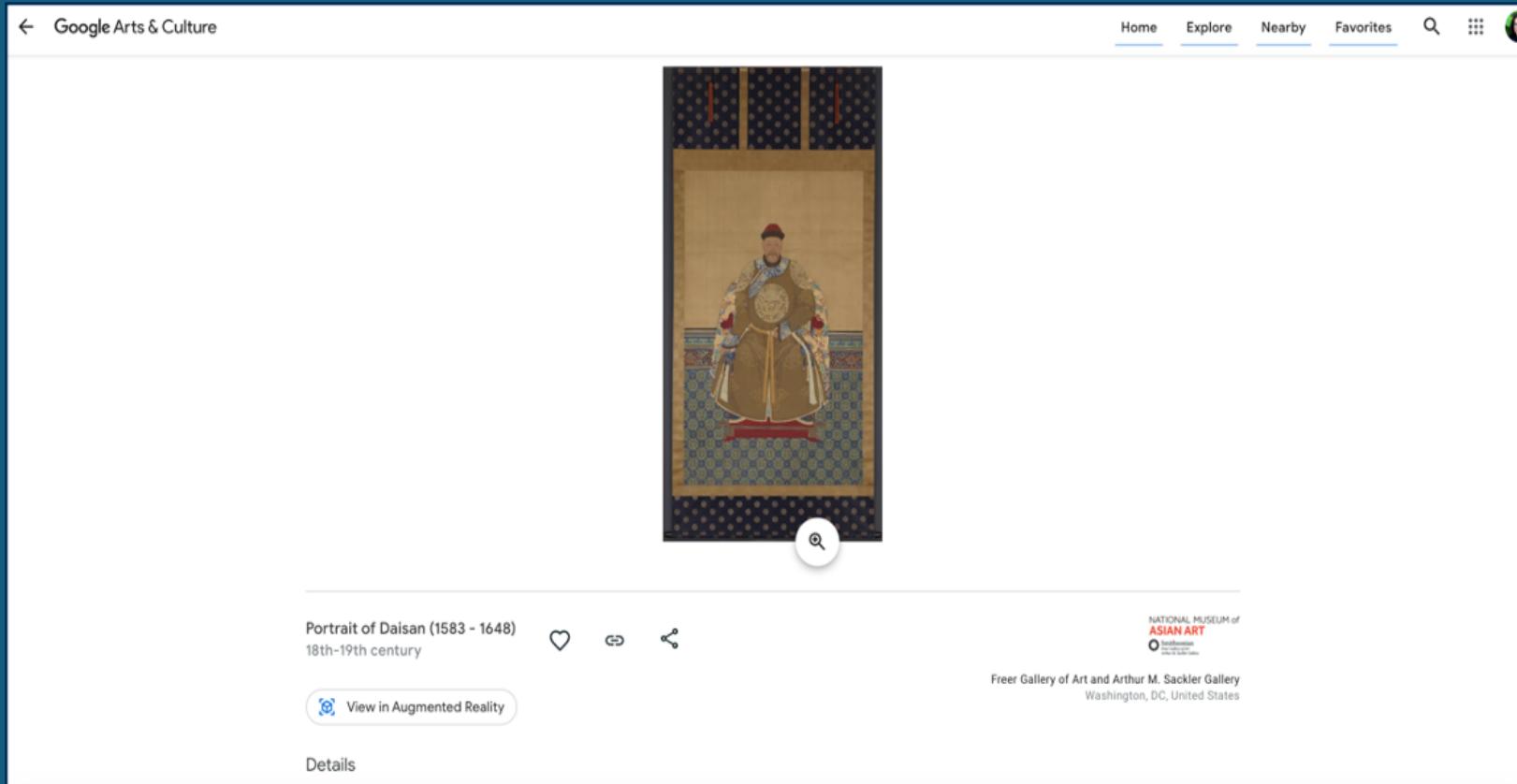


Chinese Ancestors Portraits

Problem: Existing Portraits

- Usage rights not clearly defined, Images not fully open access
 - Wikimedia only permits freely licensed or public domain files
- Conflict with Google Cultural Institute
 - Images from Google Arts & Culture mistakenly presented as open access
 - Uploads onto Wikimedia and other sites by non SI users

Chinese Ancestors Portraits



Chinese Ancestors Portraits



Enlarge 

Download preview  Save to lightbox  Add to cart 

English: Daišan (1583-1648), Nurhaci's second son and a prince of the Qing Dynasty. . 17th century.
Unknown 1 Daisan framed

Contributor: The Picture Art Collection / Alamy Stock Photo
Image ID: MYWP23
File size: 14.3 MB (0.5 MB Compressed download) 
Dimensions: 1575 x 3172 px | 13.3 x 26.9 cm | 5.2 x 10.6 inches | 300dpi
Releases: Model - no | Property - no [Do I need a release?](#)

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Chinese Ancestors Portraits

Previous Wikimedia Version

- Missing much of the metadata
- Directs user to another site, not FS
- No FS attribution

File information		Structured data
Captions		
English	Add a one-line explanation of what this file represents	
Description	English: Daišan (1583-1648), Nurhaci's second son and a prince of the Qing Dynasty.	
Date	17 th century	
Source	http://www.ourjg.com/bbs/simple/?t3656.html	
Author	Unknown author	
Other versions	 version with original frame but lower resolution	

Chinese Ancestors Portraits

What Can We Do?

- Use template:artwork instead of template:information
- Direct users to the object page in Collections Search Center or asia.si.edu site with hyperlink
- Provide descriptive metadata from the TMS record
 - Including accession number for researchers

Chinese Ancestors Portraits

Template Discussion View View source History Search Wikimedia Commons

From Wikimedia Commons, the free media repository

Main page Welcome Community portal Village pump Help center

Participate Upload file Recent changes Latest files Random file Contact us

Tools What links here Related changes Special pages Permanent link Page information Wikidata item Subpages

Print/export Download as PDF Printable version

In other projects Wikipedia In Wikipedia Deutsch English Español Français Italiano 한국어 Tagalog Tiếng Việt

Template:Artwork

Artist Title Object type Description Depicted people Depicted place Depicted part Date Medium Dimensions Collection Current location Accession number Object location Place of creation Place of discovery Object history Exhibition history Credit line Inscriptions Notes References Source/Photographer Permission (Reusing this file) Other versions



template:artwork

Chinese Ancestors Portraits

WikiMarkup

The screenshot shows the Wikimedia Commons editing interface for a file titled "Portrait of Daisan (1583 - 1648).jpg". The page includes a sidebar with links like Main page, Welcome, and Help center. The main content area shows the file's history, edit tools, and a large amount of structured data in Wikidata JSON format. The data includes information about the institution (Arthur M. Sackler Gallery), department, accession number (S1991.74), place of creation, place of discovery, object history, exhibition history, credit line (Purchase – Smithsonian Collections Acquisition Program and partial gift of Richard G. Pritzlaff), inscriptions, notes, references (Jan Stuart. Calling Back the Ancestor's Shadow: Chinese Ritual and Commemorative Portraits. vol. XLIII no. 3. p. 11, fig. 7. Jan Stuart, Evelyn S. Rawski. Worshiping the Ancestors: Chinese Commemorative Portraits. Exh. cat. Washington and Stanford. p. 150, fig. 6.4.), source (https://asia.si.edu/object/S1991.74/), permission, other_versions, wikidata (Q4154088), and other_versions. The JSON also includes a thumbnail image of the portrait.

The screenshot shows the Smithsonian Institution's digital collection page for the portrait of Daisan. The page title is "Portrait of Daisan (1583 – 1648)". It features a small thumbnail image of the portrait. Below the image, the page provides information about the historical period (Qing dynasty, 18th-19th century), medium (Ink and color on paper), and dimensions (H x W (painting): 257.7 x 162.1 cm (101 7/16 x 63 13/16 in)).

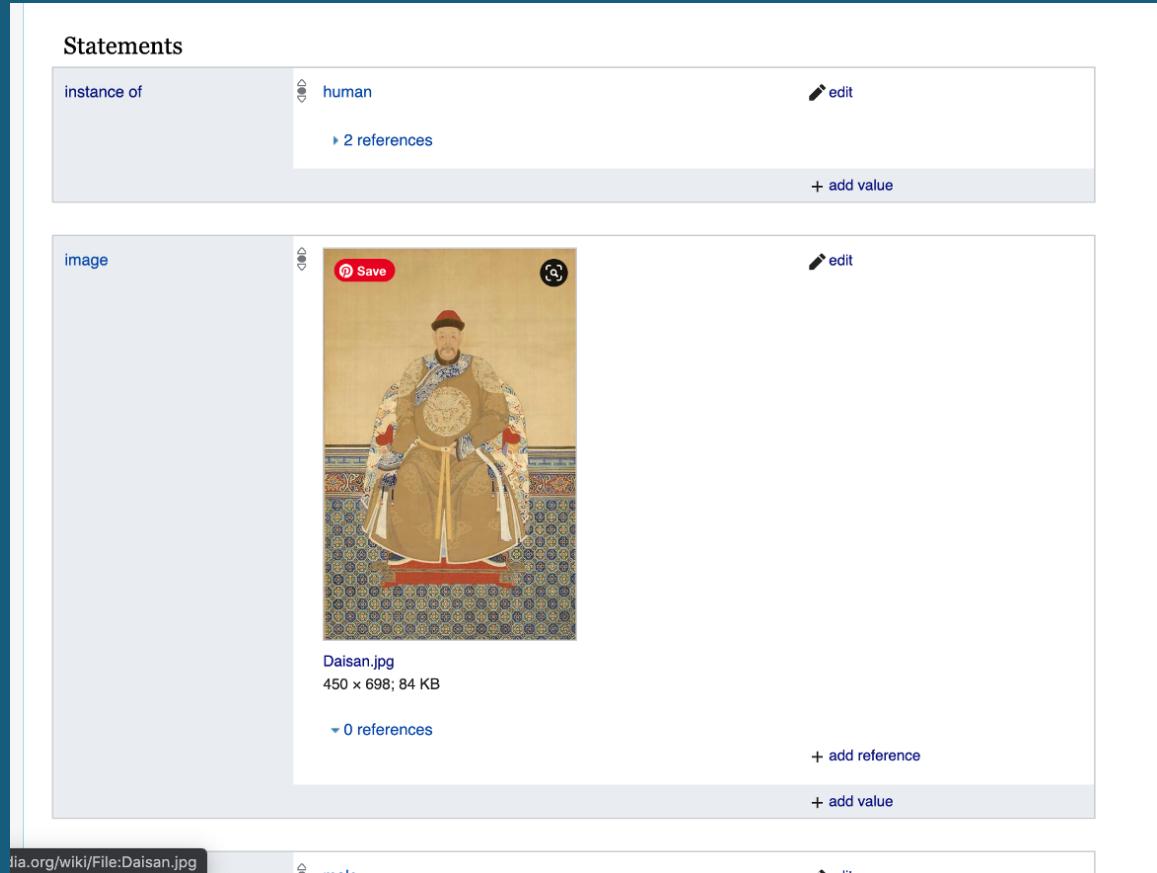
Asia.si.edu

Chinese Ancestors Portraits

Daišan	
Artist	unknown
Author	unknown
Title	Portrait of Daisan (1583 – 1648)
Object type	human 
Description	Hanging scroll
Depicted people	Daisan
Date	Qing dynasty, 18th-19th century
Medium	Ink and color on paper
Dimensions	H x W (painting): 257.7 x 162.1 cm (101 7/16 x 63 13/16 in)
Collection	Arthur M. Sackler Gallery
Accession number	S1991.74
Credit line	Purchase — Smithsonian Collections Acquisition Program and partial gift of Richard G. Pritzlaff
References	Jan Stuart. Calling Back the Ancestor's Shadow: Chinese Ritual and Commemorative Portraits. vol. XLIII no. 3. p. 11, fig. 7. Jan Stuart, Evelyn S. Rawski. Worshiping the Ancestors: Chinese Commemorative Portraits. Exh. cat. Washington and Stanford. p. 150, fig. 6.4.
Source/Photographer	https://asia.si.edu/object/S1991.74/ 
Other versions	

Final Edited Page

Chinese Ancestors Portraits



Why edit the Wikimedia Images?

- Control the narrative about our objects
 - They're already out there!
- Provide authoritative and accurate information
 - Our Mission: "The increase and diffusion of knowledge"
- Reach new audiences/researchers
 - Adapt new outreach methods in the digital age

Chinese Ancestors Portraits

- Simple SPARQL queries used to test properties in Chinese Ancestor Portraits Project
- Plain Red Banner "has part" Manchu Plain Red Banner; Manchu Plain Red Banner "part of" Plain Red Banner

Chinese Ancestors Portraits

- Search for members of Manchu Plain Red Banner returned 57 items
- Search for members of Manchu Plain Red Banner who are citizens of the Qing Dynasty returned 28 items
- Search for Plain Red Banner returned 0 items

Chinese Ancestors Portraits

- Conclusion: There is no inference of more general properties; properties must be explicitly used in order to be returned in results.

Chinese Ancestors Portraits



WIKIDATA

Main page
Community portal
Project chat
Create a new item
Recent changes
Random item
Query Service
Nearby
Help
Donate

Lexicographical data
Create a new Lexeme
Recent changes
Random Lexeme

Tools
What links here
Related changes
Special pages
Permanent link
Page information
Concept URI
Cite this page
Reasonator

Item Discussion

Manchu Plain Red Banner (Q12105353) ...

No description defined

edit ↗ Recoin: Most relevant properties which are absent

▼ In more languages

Configure

Language	Label	Description	Also known as
English	Manchu Plain Red Banner	No description defined	
Spanish	No label defined	No description defined	
Traditional Chinese	滿洲正紅旗	No description defined	
Chinese	滿洲正紅旗	No description defined	

All entered languages

Statements

part of Plain Red Banner ... edit ↗ 0 references + add reference + add value

topic's main category Category:Manchu Plain Red Bannermen ... edit ↗ 0 references + add reference + add value + add statement

Chinese Ancestors Portraits



Chinese Ancestors Portraits

The screenshot shows the Wikidata Query Service interface. The top navigation bar includes links for 'Examples', 'Help', and 'More tools'. The main area displays a SPARQL query:

```
1 #described by source Plain Red Banner
2
3 SELECT ?item ?itemLabel
4
5 WHERE {
6   ?item
7     wdt:P470 wd:Q11123515
8
9 SERVICE wikibase:label { bd:s
10
11 }                                age "en" }
```

A tooltip for the term 'Plain Red Banner' (Q11123515) is visible, containing the following information:

Plain Red Banner
(Q11123515)
One of the Mandchou Empire
eight banners

The results table below shows one row:

item	itemLabel
	No matching records found

Dibner Scientists Portraits

Goal of project: enhance the Dibner Portraits Collection's online presence with linked data that could be used to build an updated version of the *Scientific Identity* website for SLA, and provide practice for creating items and properties in the SI Wikibase Pilot knowledge base

 Smithsonian
Libraries

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Scientific Identity

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—Portraits from the Dibner Library of the History of Science and Technology—

Browse Alphabetically by Scientists' Last Names:
[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Select a Specific Scientist ([How Names are Determined](#))

[Keyword Search of Scientist Names](#) ([How Names are Determined](#))

[Browse by Research Discipline](#) ([About Research Disciplines](#))

[Keyword Search by Artist's Name](#) ([About Artists' Names](#))

A SMITHSONIAN INSTITUTION LIBRARIES DIGITAL COLLECTION

This site is no longer being actively maintained. Please visit the [Image Gallery](#) to search and browse the [Scientific Identity collection](#).

Scientist: Englefield, Henry (1752 - 1822)

Discipline(s): Astronomy ; Botany

Print Artist: Charles Picart, ca. 1780-ca. 1837

Medium: Lithograph

Original Artist: Henry Edridge, 1769-1821

Original Dimensions: Graphic: 33.1 x 22.8 cm /



[~ Enlarge Image ~](#)

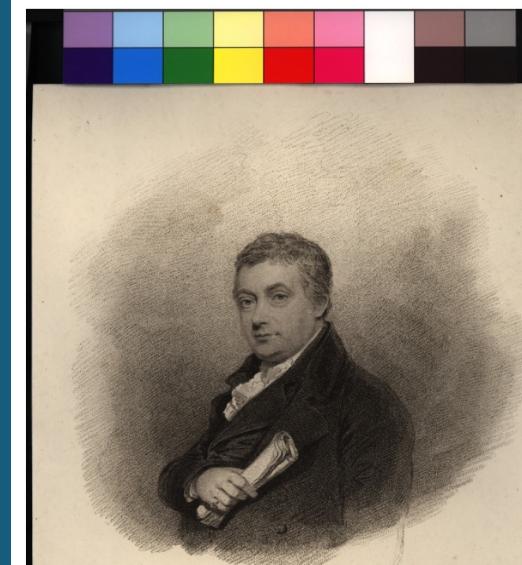
Dibner Scientists Portraits

Scientist: Englefield, Henry (1752 - 1822)
Discipline(s): Astronomy ; Botany
Print Artist: Charles Picart, ca. 1780-ca. 1837
Medium: Lithograph
Original Artist: Henry Edridge, 1769-1821
Original Dimensions: Graphic: 33.1 x 22.8 cm /



[~ Enlarge Image ~](#)

Left: *Scientific Identity* entry, with brief details and limited enlargement capability



Right: SLA *Image Gallery* entry; some richer detail, better enlargement feature with improved zoom, but lacking linked data

 [Image ID: SIL-SIL14-E1-15](#)

 **Supplied Caption:** Portrait of Henry Englefield. Engraving by Charles Picart, ca. 1780-ca. 1837, published by T. Cadell & W. Davies, London, 1812. After Henry Edridge, 1769-1821.

 **Tag(s):** Astronomy, botany, Englefield, Henry, Sir, 1752-1822

 **Collection(s):** [Scientific Identity](#)

 **Topic(s):** [Astronomy](#)

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Dibner Scientists Portraits

Henry Englefield (Q5720855)...

British antiquarian
Sir Englefield | Henry Charles Englefield | Harry Charles Englefield | Sir Henry Charles Englefield

► Recoin: Most relevant properties which are absent

▼ In more languages

Configure

Language	Label	Description	Also known as
English	Henry Englefield	British antiquarian	Sir Englefield Henry Charles Englefield Harry Charles Englefield Sir Henry Charles Englefield
Spanish	Henry Englefield	No description defined	

edit

Charles Picart (Q21557114)...

engraver, draughtsman and painter

► Recoin: Most relevant properties which are absent

▼ In more languages

Configure

Language	Label	Description	Also known as
English	Charles Picart	engraver, draughtsman and painter	
Spanish	Charles Picart	No description defined	

edit

Henry Edridge (Q4529914)...

English painter of miniatures, portraits and landscapes
Edridge

► Recoin: Most relevant properties which are absent

▼ In more languages

Configure

Language	Label	Description	Also known as
English	Henry Edridge	English painter of miniatures, portraits and landscapes	Edridge
Spanish	Henry Edridge	pintor británico	

edit

Cadell and Davies (Q24203918)...

British publisher, bookseller; 141 Strand (1793-1820)

Cadell & Davies | T. Cadell, jun. and W. Davies | T. Cadell and W. Davies

► Recoin: Most relevant properties which are absent

▼ In more languages

Configure

Language	Label	Description	Also known as
English	Cadell and Davies	British publisher, bookseller; 141 Strand (1793-1820)	Cadell & Davies T. Cadell, jun. and W. Davies T. Cadell and W. Davies
Spanish	No label defined	No description defined	

edit

Wikidata items for sitter Henry Englefield, and the illustrator, engraver and publisher of the Dibner portrait

Dibner Scientists Portraits

Henry Englefield

ORES predicted quality:  C (2.98)

A [start-class](#) article from Wikipedia, the free encyclopedia

For other people with the same name, see [Englefield](#).

Sir Henry Charles Englefield, 7th Baronet FRS FRSE FSA FLS (1752 – 21 March 1822) was an English antiquary and astronomer.

Contents [hide]

- 1 Life
- 2 Works
- 3 References
- 4 External links

Life [edit source]

He was born at the family mansion, Englefield House, near Reading, Berkshire, the eldest son of [Sir Henry Englefield, 6th Baronet](#) (d. 1780) and his second wife, Catherine, daughter of Sir Charles Buck, 3rd Baronet. His father, who was the son of Henry Englefield, of Whiteknights Park at Earley near Reading, had in 1728 succeeded to the title and the Englefield estates at Wootton Bassett, Wiltshire, so that he inherited both Whiteknights and Wootton Bassett on the death of his father, 25 May 1780.^[1]



Portrait of Henry Englefield by Thomas Phillips in 1815

Reasonator

Random item  English

Find

Other 

Henry Englefield (Q5720855)

[Sir Englefield](#) | [Henry Charles Englefield](#) | [Harry Charles Englefield](#) | [Sir Henry Charles Englefield](#)

British antiquarian

Henry Englefield was a [astronomer](#).

He was born in [1752](#) to [Sir Henry Englefield, 6th Bt.](#) and [Catherine Buck](#).

He was a member of [Royal Society](#).

He died on [March 21, 1822](#).

Relatives

Parents

father ♂ [Sir Henry Englefield, 6th Bt.](#)

mother ♀ [Catherine Buck](#)

Siblings

P9 ♀ [Teresa-Ann Englefield](#)

Children

Other



External sources	
American Academy in Rome	12433104

English Wikipedia article for Henry Englefield (left) and his Reasonator profile generated from Wikidata (right)

Dibner Scientists Portraits



Project page Discussion Read Edit View history More Search Wikidata

Wikidata:WikiProject PCC Wikidata Pilot/Smithsonian Libraries/Projects/Dibner Library of the History of Science and Technology Portraits

< Wikidata:WikiProject PCC Wikidata Pilot | Smithsonian Libraries | Projects

Contents [hide]

- 1 Background to the Dibner Library of the History of Science and Technology Portraits PCC Wikidata Project
- 2 Timeline
- 3 Notes on further work to be done
- 4 Problems
- 5 Data Modeling and WDQS (SPARQL)
- 6 Item Label, Description, and Aliases (applicable for all items)
- 7 Properties Related to the Portraits' Sitters
 - 7.1 Core properties:
 - 7.2 Extended properties:
- 8 Properties Related to the Artists
 - 8.1 Core properties:
 - 8.2 Extended properties:
- 9 Properties related to the Artworks

PCC Wikidata Pilot Project page for the Dibner Portrait Project

Dibner Scientists Portraits

Dibner Portraits Wikidata User Stories and SPARQL Demonstrations

item	itemLabel	itemDescription	image
Q wd:Q57511	Franz Joseph Gall	neuroanatomist, physiologist, and pioneer in the study of the localization of mental functions in the brain	commons:Franz Josef Gall3.jpg
Q wd:Q57554	Georg Christoph Lichtenberg	German scientist, satirist	commons:Georg Christoph Lichtenberg.jpg
Q wd:Q57561	Julius Plücker	German mathematician and physicist	commons:Julius Plücker 1856.jpg
Q wd:Q57963	Johannes Hevelius	astronomer	commons:Johannes Hevelius.PNG
Q wd:Q58303	William Dobson	English portrait painter (1610-1646)	commons:William Dobson by William Dobson
Q wd:Q58328	Jean-Baptiste Biot	French scientist	commons:Jean baptiste biot.jpg
Q wd:Q58575	Friedrich Wöhler	German chemist	commons:Friedrich Wöhler Litho.jpg
Q wd:Q58577	Ernst Werner von Siemens	German electrical engineer, inventor and industrialist (1816-1892)	commons:Ernst Werner von Siemens.jpg

Tree ▾ ? 10 results in 277 ms

Franz Joseph Gall neuroanatomist, physiologist, and pioneer in the study of the localization of mental functions in the brain
Georg Christoph Lichtenberg German scientist, satirist
Julius Plücker German mathematician and physicist
Johannes Hevelius astronomer
William Dobson English portrait painter (1610-1646)
Jean-Baptiste Biot French scientist
Friedrich Wöhler German chemist

Image grid ▾ ? 10 results in 277 ms </> Code Download Lir

neuroanatomist, physiologist, and pion...
[commons:Franz Josef Gall3.jpg](#)
Franz Joseph Gall

German scientist, satirist
[commons:Georg Christo...](#)
Georg Christoph Lichten...

German mathematician and physi...
[commons:Julius Plücker 1856.j...](#)
Julius Plücker

astronomer
[commons:Johannes Hevelius.PNG](#)
Johannes Hevelius

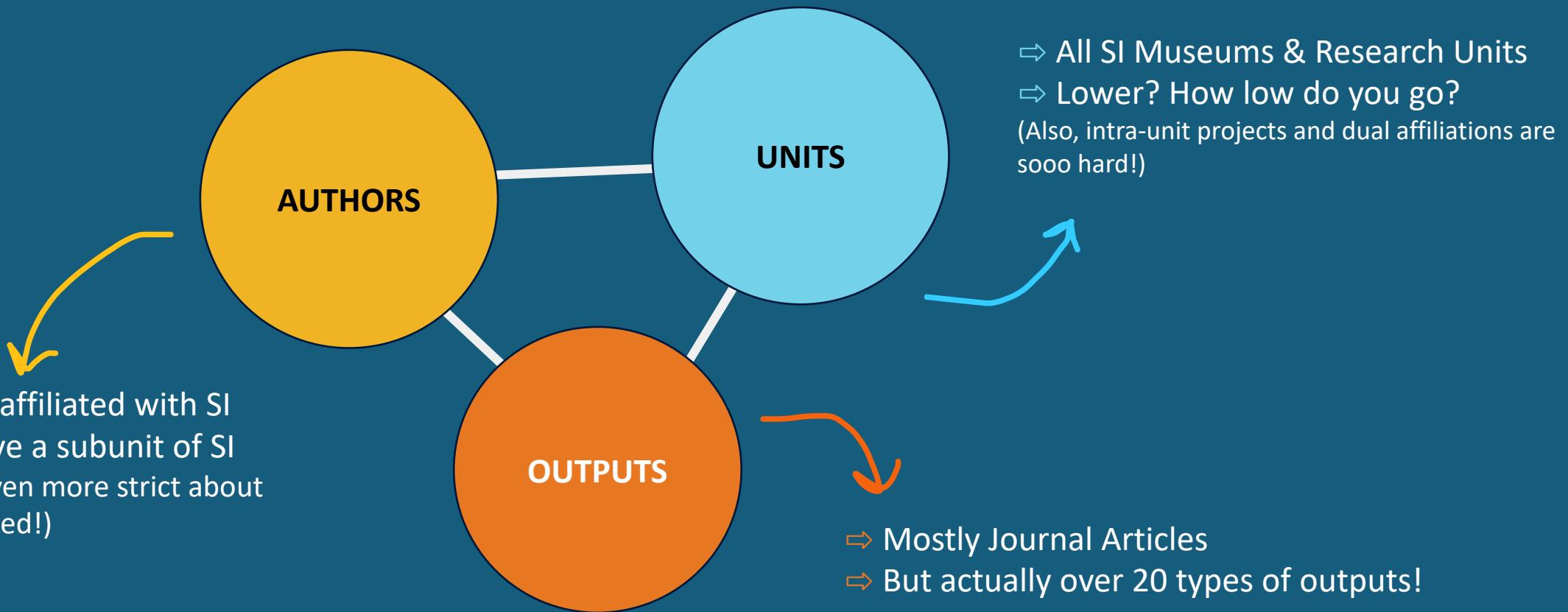
English portrait painter (1610-1646)
[commons:William Dobson by Willia...](#)
William Dobson

Dibner Scientists Portraits

Vision for the final project:

- Showcase the Dibner Scientists Portraits Collection online with higher quality scans of the Dibner portraits
- Update the information for the artists, engravers, publishers etc.
- Link the Collection to related items throughout the Smithsonian's collections, as well as to external sites through linked data

Smithsonian Research Online



Smithsonian Research Online

Modeling people data is tough!

Can Wikidata and Wikibase provide a way for us to keep better data on Smithsonian Authors?

Smithsonian Research Online

- Name strings – usual problems
- Unit names – usual problems
- Establishing Wikidata entries for SI people and SI units became **our goal** for phase one

Smithsonian Research Online

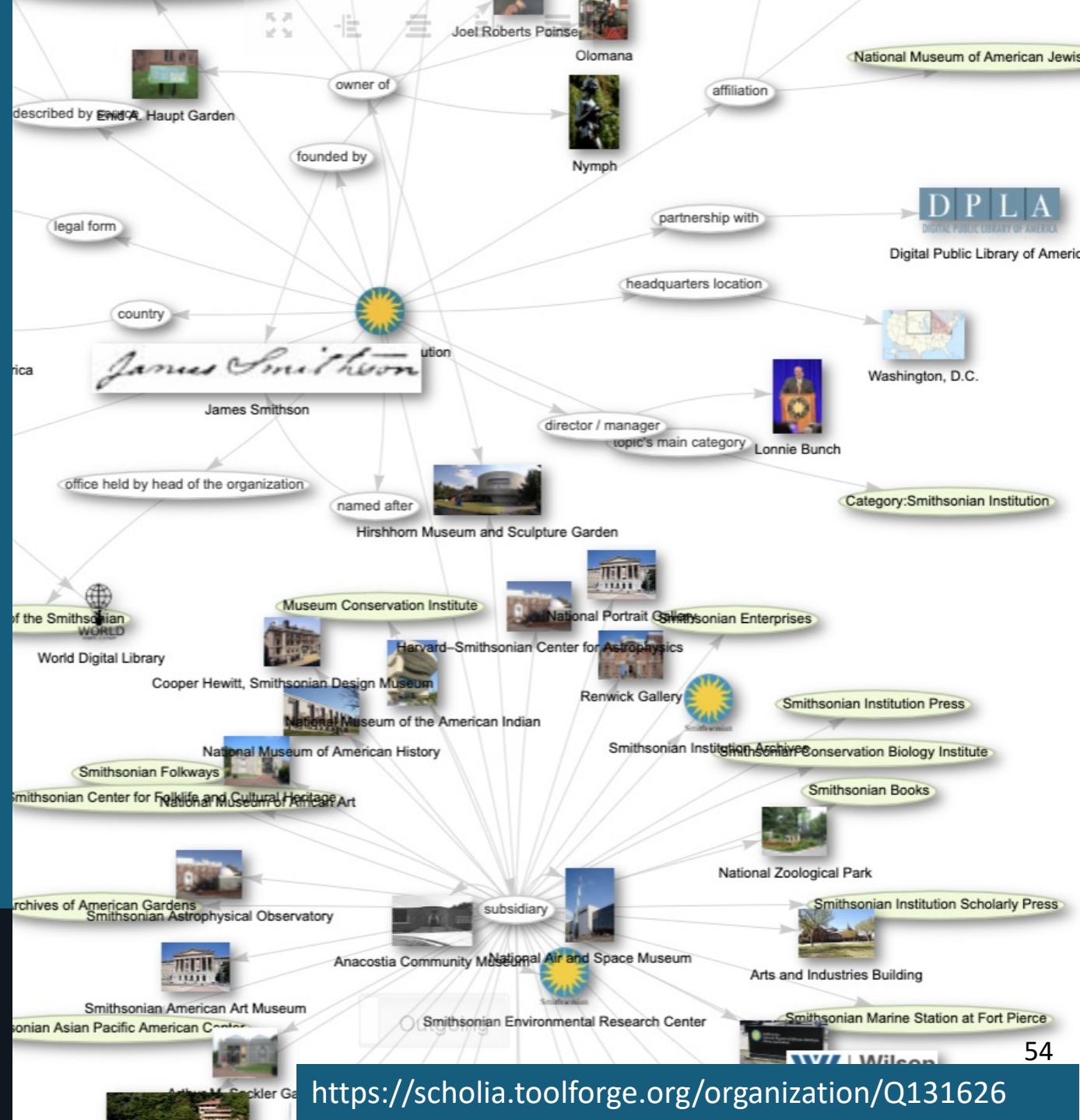
- Units – going broad then deep
- People – going with only those in SI Profiles
- Citations – TBD, but many are in there and just need association!
- Pie in the sky – can we associate research to the actual collections? What would that look like?

Wikidata & Research Output

- I4OC
i4oc.org
 - OpenCitations
opencitations.net
 - Scholia
scholia.toolforge.org
 - Author Disambiguator
author-disambiguator.toolforge.org



Smithsonian
Libraries and Archives



Next up

2021 LD4 Conference <http://ld4.io>

Wednesday, July 21 <https://sched.co/joA8>

9:00am EDT



How do we do this? GLAMs - Modeling out data from the Artists Files to the Zs:
Zebra Genomes, 中國人 (Zhongguo ren), Zulu Kingdom, in the Smithsonian
Institution
Heidy Berthoud • Kathryn Phillips • Diane Shaw • Jackie Shieh • Suzanne Pilsk • Anne Evenhaugen

References

- SI PRISM Wikimedia and Linked Data
sinet.sharepoint.com/sites/Prism-SLA/SitePages/Wikimedia-and-Linked-Data.aspx
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sil-viweb-wikibase.si.edu
- PCC Wikidata Pilot: Smithsonian Libraries
wikidata.org/wiki/Wikidata:WikiProject_PCC_Wikidata_Pilot/Smithsonian_Libraries
- Wikibase yearly summary 2021
lehir.net/wikibase-yearly-summary-2021/

Thank you!

