

Delving into Te Papa Research Expedition Data



Siobhan Leachman
Wikimedian in Residence

Username: [Ambrosia10](#)

Email: siobhan_leachman@yahoo.co.nz

ORCID: [0000-0002-5398-7721](https://orcid.org/0000-0002-5398-7721)

Lucy Schrader
Te Papa

Username: [Avocadobabygirl](#)

Email: lucy.schrader@tepapa.govt.nz

ORCID: [0009-0004-1819-5659](https://orcid.org/0009-0004-1819-5659)

Slides: bit.ly/TePapaData

Presentation overview



Background

What is Wikidata

WikiProject aims

Research expedition schema

WikiProject outcomes

Te Papa outcomes

Mapping schema to EMu

Data sovereignty

Final report

Background

Part of [WikiProject research expeditions](#)

Feeds into [TDWG Expeditions task group](#)

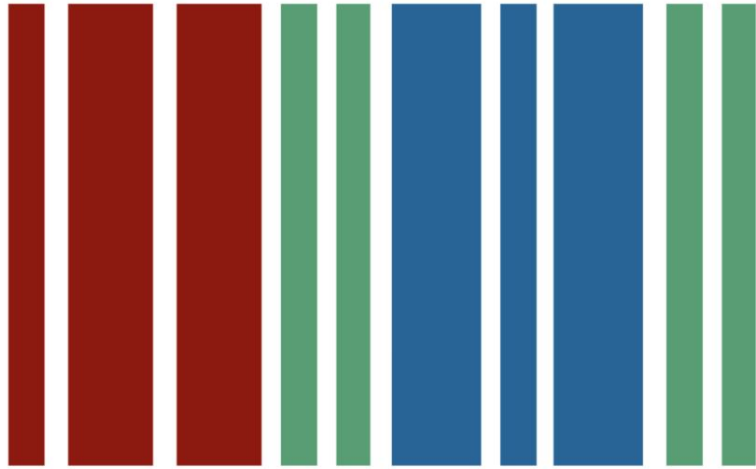
Uses [Wikidata](#) as data repository

International knowledge graph of expeditions

Funded by [Wikimedia Aotearoa NZ](#)

In kind support from Te Papa

What is Wikidata?



WIKIDATA

Structured data

Multilingual

Anyone can edit

CC0 licensed

Identifier hub

Queryable

Data reuse

WikiProject aims

- Test Wikidata research expedition schema
- Add Te Papa related expeditions to Wikidata
- Document issues with schema
- Feedback to WikiProject Research Expeditions
- Update TDWG task group
- Engage with Te Papa staff
- Hold research expedition focused events

WikiProject page

Wikidata:WikiProject Te Papa Research Expeditions

Home

Plan of work

Properties

Resources

Events

Outcomes

WikiProject Te Papa Research Expeditions

About WikiProject Te Papa Research Expeditions [edit]

User:[Ambrosia10](#) has obtained funding support from [Wikimedia Aotearoa New Zealand](#) to undertake a residency at the [Museum of New Zealand Te Papa Tongarewa](#) to support the running of a 12 week WikiProject on Te Papa research expeditions.

The aim of this project is to trial the [current research expeditions schema](#) proposed by the [Wikidata WikiProject Research Expeditions](#) by creating or enriching Wikidata with data on research expeditions undertaken by Te Papa/ Dominion Museum/Colonial Museum and institutional staff while employed at the museum.

The intention is to ensure these research expedition items are, where possible, richly interlinked with data such as the participants, the location information, and institutions that house objects collected during the expedition and publications, archives and artworks generated during or as a result of the expedition. Any issues raised during this project will be discussed with both interested staff at Te Papa as well as WikiProject Research Expedition participants and the wider Wikidata and Biodiversity community. These discussions will aim to improve the schema as well as elicit recommendations for best practice when implementing the schema. The plan is to resolve as many issues as possible prior to the WikiProject and the TDWG Research Expeditions working group publishing recommendations and/or a Biodiversity Information Standards TDWG data standard guiding other institutions when undertaking similar Wiki work. See the [discussion page](#) of the WikiProject Research Expeditions for examples of issues that are currently under debate. The outcomes of Te Papa WikiProject Research Expeditions will in this way assist with the generation of best practice documentation anticipated to be generated by the TDWG Research Expeditions Working Group.



Auckland Islands Research Expedition

Research expedition schema

property ID	property label	example expedition
P31	instance of	Q4558719
P15	route map	Q2305
P242	locator map image	Q113493980
P18	image	Q2305
P155	follows	Q233260
P156	followed by	Q919430
P1705	native label	Q1586167
P1813	short name	Q918793
P495	country of origin	Q122705442
P17	country	Q2305
P276	location	Q122705442
P1427	start point	Q119129
P2825	via	Q119129
P1444	destination point	Q119129
P937	work location	Q101428109
P580	start time	Q2305
P582	end time	Q2328
P3712	has goal	Q1586167
P101	field of work	Q4558719
P4791	commanded by	Q2305
P1037	director / manager	Q8414

P710	participant	Q2305
P1876	vessel	Q2305
P2283	uses	Q122705442
P138	named after	Q176653
P793	significant event	Q176653
P3342	significant person	Q1688349
P1132	number of participants	Q1162294
P1120	number of deaths	Q261538
P664	organizer	Q98118933
P859	sponsor	Q261538
P8324	funder	Q1586167
P1416	affiliation	Q67436630
P11146	collection items at	Q1586167
P485	archives at	Q1586167
P1299	depicted by	Q2670112
P1343	described by source	Q1383393
P973	described at URL	Q1586167
P1534	end cause	Q20948837
P5008	on focus list of Wikimedia Project	Q1586167
P373	Commons Category	Q60609222

Project outcomes

100+ Wikidata items created and linked

Feedback to WikiProject research expeditions

Images uploaded to Wikicommons

Multiple Wikipedia articles created

Two Wikipedia editathons

Te Papa outcomes

1962–1963 Dominion Museum expedition	
Country	New Zealand
Organiser	Dominion Museum Department of Scientific and Industrial Research
Country of origin	New Zealand
Start	Lyttelton 22 December 1962
End	Dunedin 21 January 1963
Vessels	USS Durant USS Namakagon
Participants	D. M. M. Macarthur Francis John Fulton Fisher George Alexander Knox J. B. Wright Keith Arthur John Wise Peter M. Johns Brian Bell Eric Godley John C. Yaldwyn John Munne Moreland Judson Linsley Gressitt Lionel Jack Dumbleton Peter Wilfred James Robert Falla

Mapped research expedition schema to EMu
Reuse of Wikidata items for research expeditions

Exploring linking expeditions to specimens
(Wikidata QID as [dwc:parentEventID](#))

Creation of Wikipedia article Infobox template

Two events - 1 staff facing, 1 public facing

Mapping Schema to EMu

Property	Label	Party field	Narrative field
	Item label		Details > Narrative Details > Title
	Also known as		Narrative
P31	instance of	Roles > Role	Associations > Association Details > Subjects/Keywords
P18	image		Multimedia
P155	follows		
P156	followed by	Associations > Associated With	Narrative
P1705	native label		Narrative
P1813	short name		Narrative
P138	named after	Associations > Associated With	Narrative
P17	country		Associations > Association Details > Place
P276	location		Associations > Association Details > Place
P1427	start point		
P2825	via		Narrative
P1444	destination point		
P580	start time	History > Period of Activity > Commenced > Commenced Biography > Birth/Death Details > Date of Birth AND Earliest AND Latest	Narrative
P582	end time	History > Period of Activity > Completed > Completed Biography > Birth/Death Details > Date of Death AND Earliest AND Latest	Narrative
P495	country of origin		Narrative
P937	work location		Narrative
P3712	has goal		Narrative
P101	field of work	Roles > Specialties	
P664	organiser		
P859	sponsor		
P8324	funder		
P1416	affiliation		
P1037	director/manager	Associations > Associated With	Narrative
P710	participant		
P1876	vessel		
P4791	commanded by		
P973	described at url		
P1343	described by source		Narrative
	Wikipedia site link	Web Assoc. > Web Associations	Web Assoc. > Web Associations
P373	Commons category	Web Assoc. > Web Associations	Web Assoc. > Web Associations

EMu Party record & Narrative record

Displayed on Te Papa's API & [Collections Online](#) website as Agents & Topics

Party record can link expedition as collector

Party record identifier can be added to Wikidata item via [Te Papa agent ID](#) property.

Narrative record combines structured & free text & links to objects & specimens

Te Papa Collections Online



MUSEUM OF
NEW ZEALAND
TE PAPA
TONGAREWA

VISIT
Toro mai

**DISCOVER THE
COLLECTIONS**
Tūhuratia ngā kohinga

LEARN
Ako

ABOUT
Mo matou

SHOP
Wharehoko

SUPPORT & JOIN
Tautokotia, kuhu mai

Collections Online
Browse 800,000 artworks, taonga,
photographs, collection objects, and
botanical and zoological specimens from Te
Papa's collections.

[About Collections Online](#)

Related Links

[Wikidata](#)

Search the collection ...

Auckland Islands Expedition (1962-1963)

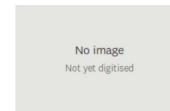
ORGANISATION | OVERVIEW AND RELATED INFORMATION

Organisation details

Name	Auckland Islands Expedition (1962-1963)
Party type	Organisation
Date of Birth	1962
Date of Death	1963

Collection Objects (6)

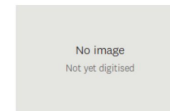
ALL



SPECIMEN

**Megadyptes
antipodes
antipodes**

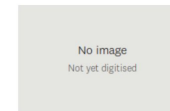
08 Jan 1963



SPECIMEN

**Terrestrial
amphipod,
Amphipoda**

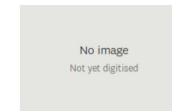
02 Jan 1963



SPECIMEN

Actiniaria

Jan 1963
CO.002470



SPECIMEN

Cirripedia, Lepas sp.

Jan 1963
CR.004517

Identifiers

Te Papa agent ID



35634

▼ 0 references

Data sovereignty

CARE Principles for Indigenous Data Governance

Māori Data Governance Model

Te Papa's Mana Taonga principle

Final Report

WikiProject Te Papa Research Expeditions

by

[Siobhan Leachman](#)

[0000-0002-5398-7721](#)

and

[Lucy Schrader](#)

[0009-0004-1819-5659](#)

[CC BY 4.0](#)

DOI: [10.5281/zenodo.12639654](https://doi.org/10.5281/zenodo.12639654)



Image credit: [Exilia expeditionis \(Dell, 1956\)](#), collected 10 February 1954, Chatham Rise, New Zealand. Museum of New Zealand Te Papa Tongarewa (M.009260) Originally named in honour of the Chatham Island Research Expedition 1954 as *Chathamidia expeditionis*, [CC BY 4.0](#), via Wikimedia Commons

Final report

Screenshot of [WikiProject Te Papa research expeditions final report](#), [CC BY 4.0](#)

DOI: <https://zenodo.org/doi/10.5281/zenodo.12639654>

Thank you!

Questions?



Slides: bit.ly/TePapaData

Siobhan Leachman

Username: [Ambrosia10](#)

Email: siobhan_leachman@yahoo.co.nz

ORCID: [0000-0002-5398-7721](https://orcid.org/0000-0002-5398-7721)

Lucy Schrader

Username: [Avocadobabygirl](#)

Email: lucy.schrader@tepapa.govt.nz

ORCID: [0009-0004-1819-5659](https://orcid.org/0009-0004-1819-5659)