



Natural History collections & Wikimedia projects

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Slides: <http://bit.ly/ADBCWiki>

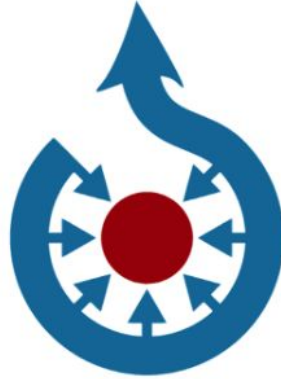


Why Natural History collections should engage with Wikipedia, Wikicommons and Wikidata.

Wiki projects



WIKIPEDIA
The Free Encyclopedia



**WIKIMEDIA
COMMONS**



WIKIDATA



What is Wikidata

Linked knowledge database

Free & public domain licensed
(CC0)

Read & edited by humans &
machines

Structured data hub



Herb. V. W. Lindauer



Access → Reuse

AK 295865 (formerly VW1216, AK1186)
Loc. [New Zealand, South Island, Stewart Island, Pigease, Tin Mine Beach
Map Alt.
Coll. Inter: 46° 59' 57" South Long. Inter: 167° 59' 14" East
Date 08 Dec 1945
V.W. Lindauer Date 1949
Notes SVNTYPE of *Nitophyllum lindaueri* Levring, Trans. Royal Society of NZ 77: 397, 1949. Annotated: isotype specimen. Collection spread over 2 sheets (AK298864-65)
Ex Herbarium V.W. Lindauer No. 7216
Auckland University Herbarium (AKU), gifted to AK, Sep 2002

AK 295865 AUCKLAND MUSEUM HERBARIUM
DELISSERIACEAE
Nitophyllum lindaueri Levring
No. 7216
HERBARIUM OF VICTOR W. LINDAUER
IN
HERBARIUM AUCKLAND UNIVERSITY
NAME *Nitophyllum lindaueri* Levring
FAMILY
LOCALITY Tin Mine Beach, Pigease, Stewart Is.
DATE 8 December 1945.



ISOTYPE SPECIMEN



8.12.1945.

7216



Waimarino
24. 1. 19⁰⁰

Toxotrix
Clarkei Philp.
Holotype. ♂

C. E. Clarke
Collection



AMNZ 21813
AUCKLAND
MUSEUM
NEW ZEALAND

Manaaki Whenua - Landcare Research

Manaaki Whenua – Landcare Research  	
Native name	Manaaki Whenua – Landcare Research
Parent institution	Crown Research Institute
Location	Lincoln
Coordinates	 43° 38′ 27″ S, 172° 28′ 32″ E   
Established	1 July 1992
Web page	https://www.landcareresearch.co.nz/ 
Authority control	 : Q1801980 · VIAF:159599883 · ISNI:0000 0001 0747 5306 · LCCN:n94051498 · WorldCat 

Scoparia illota

From Wikipedia, the free encyclopedia

Scoparia illota is a species of moth in the family Crambidae. It is endemic to New Zealand. The larvae of this species are leaf miners.

Contents

- 1 Taxonomy
- 2 Description
- 3 Distribution
- 4 Life stages
- 5 References

Taxonomy

It was described by Alfred Philpott in 1919 using specimens collected at Cromarty in Preservation Inlet as well as specimen collected between Blue Cliffs Beach and the Knife and Steel harbour in Southland.^[2] However the placement of this species within the *Scoparia* genus is in doubt.^[1] As a result, this species has also been referred to as *Scoparia* (s.l.) *illota*.^[3]

Description



Male holotype specimen

Auckland Museum image

The hindwings are grey. Adults have been recorded on wing in December.^[2] As a result of this as well as the wing pattern, it has also been postulated that *S. illota* belongs to the subgenus *Scoparia* (s.l.) *illota*.^[3]

Distribution

This species is endemic to New Zealand.^{[1][3]} It is found in the forests of southern New Zealand.^[5] It is locally common in Thomsons Bush in Invercargill as well on the Cascade Road in South Westland.^[5]

Life stages

This species' larvae are leaf miners.^[5] They form silk tunnels amongst the leaves of their host plants.^[5]

References

- ^[a b c] "Scoparia illota Philpott, 1919". *www.nzor.org.nz*. Landcare Research New Zealand Ltd. Retrieved 2017-10-27.
- ^[a b] Philpott, Alfred (1919). "Descriptions of New Species of Lepidoptera". *Transactions and Proceedings of the New Zealand Institute*. **51**: 224–225 – via Biodiversity Heritage Library.
- ^[a b] Gordon, Dennis P., ed. (2010). *New Zealand inventory of biodiversity. Volume two. Kingdom animalia : chaetognatha, ecdysozoa, ichnofossils*. Vol. 2. Christchurch, N.Z.: Canterbury University Press. p. 458. ISBN 9781877257933. OCLC 973607714.
- ^[a b] Hoare, Robert (March 2012). "Notes on Scopariinae". *www.landcareresearch.co.nz*. Retrieved 2017-10-27.
- ^[a b c d] Patrick, Brian (2015). "Leather-leaf fern's moth fauna". *Weta*. **49**: 23–27.

Taxonomy identifiers · Wikidata: Q14324367 · EoL: 264214 · GBIF: 5126876 · iNaturalist: 409093 · IRMNG: 11256596 · LepIndex: 20312 · NZOR: 480b6e97-5a35-4ae6-b8e1-3822add3be06

Landcare Research Images

Scoparia illota



Male



Female

Scientific classification

Kingdom:	Animalia
Phylum:	Arthropoda
Class:	Insecta
Order:	Lepidoptera
Family:	Crambidae
Genus:	<i>Scoparia</i>
Species:	<i>S. illota</i>

Binomial name

Scoparia illota
Philpott, 1919^[1]



Google

Google knowledge graph

Search engine optimisation

Manaaki Whenua & iNaturalist

Media in category "Landcare Research"

The following 200 files are in this category, out of 2,071 total.

(previous page) (next page)



Abantiadinus nodipennis
dorsal.jpg
597 × 800; 89 KB



Abantiadinus nodipennis
lateral.jpg
800 × 683; 114 KB



Abrotheus placitus
dorsal.jpg
474 × 800; 62 KB



Asaphodes adonis
lateral.jpg
800 × 683; 114 KB



Asaphodes adonis
dorsal.jpg
800 × 683; 114 KB



Asaphodes adonis
dorsal.jpg
800 × 683; 114 KB

Choose photos for this taxon

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- RG Observations
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- EOL
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Search

Prev Next

Photos chosen for this taxon

Drag photos here from the left, or drag photos here to re-arrange.

Note that the taxon page will show photos of this taxon and its descendants. The photos chosen for this taxon will show first, though. The first photo will be the default image used across the site.

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Seasonality History Life Stage



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Search Wikipedia

Kikihia ochrina

From Wikipedia, the free encyclopedia

Kikihia ochrina (commonly known as the **April green cicada**) is a species of insect endemic to **New Zealand**.^[3]

Contents [hide]

- Taxonomy
- Description
- Life cycle
- Distribution and habitat
- Behaviour and predation
- References
- External links

Taxonomy [edit | edit source]

The British entomologist Francis Walker first described *K. ochrina* in 1858 as *Cicada ochrina* from a specimen presented to the Natural History Museum, London by Colonel Bolton.^[4] George Hudson described *K. ochrina* in 1891 and, thinking it was a new species, named it *Cicada aprilina*.^[5]

Kikihia ochrina



Female **syntype** specimen held at Auckland Museum



Reuse in iNaturalist

Kikihia ochrina (commonly known as the **April green cicada**) is a species of insect endemic to New Zealand.^[3]

Contents

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Taxonomy

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Search Wikidata

Scoparia illota (Q14324367)...

species of insect 

Eudonia illota | Scoparia (s.l.) illota | "Scoparia" illota

▸ **Recoïn**: Most relevant properties which are absent

▾ **In more languages** Configure

Language	Label	Description	Also known as
English	Scoparia illota	species of insect	Eudonia illota Scoparia (s.l.) illota "Scoparia" illota
British English	No label defined	No description defined	
Maori	No label defined	No description defined	

All entered languages

Statements


instance of 







taxon ... 

▸ 1 reference

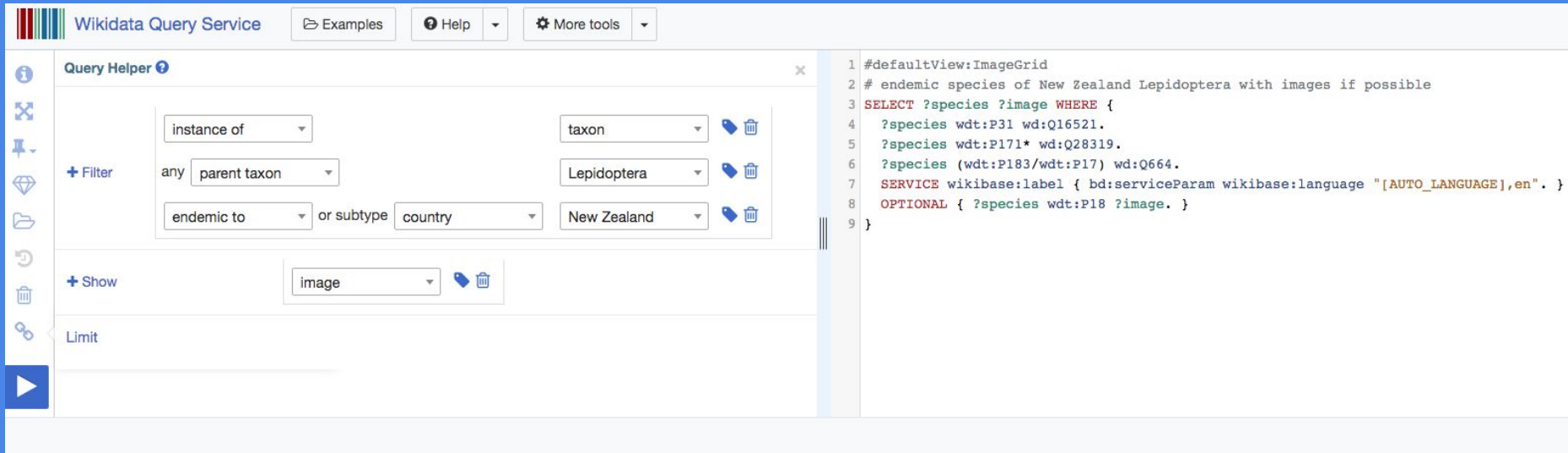
[+ add value](#)



Wikipedia (3 entries)  [\[move\]](#)

en	Scoparia illota	[ref]	 
nl	Scoparia illota	[ref]	 
vi	Scoparia illota	[ref]	 

Wikidata query



The screenshot displays the Wikidata Query Service interface. At the top, there is a navigation bar with the Wikidata logo, the text "Wikidata Query Service", and buttons for "Examples", "Help", and "More tools".

The main interface is divided into two sections:

- Query Helper:** This section contains a query builder with several filters and options:
 - + Filter:** Includes "instance of" (dropdown), "parent taxon" (dropdown), "endemic to" (dropdown), "or subtype" (checkbox), "country" (dropdown), "taxon" (dropdown), "Lepidoptera" (dropdown), and "New Zealand" (dropdown).
 - + Show:** Includes "image" (dropdown).
 - Limit:** A field for setting the number of results.
- SPARQL Query:** A text area containing the following query:

```
1 #defaultView:ImageGrid
2 # endemic species of New Zealand Lepidoptera with images if possible
3 SELECT ?species ?image WHERE {
4   ?species wdt:P31 wd:Q16521.
5   ?species wdt:P171* wd:Q28319.
6   ?species (wdt:P183/wdt:P17) wd:Q664.
7   SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }
8   OPTIONAL { ?species wdt:P18 ?image. }
9 }
```



 commons:Asaphodes aegrota male.jpg
Q Asaphodes aegrota



 commons:Asaphodes aegrota female.jpg
Edit this query: s aegrota



 commons:Graphania scutata female.jpg
Q Graphania scutata



 commons:Graphania rubescens male.jpg
Q Graphania rubescens



 commons:Ichneutica notata female.jpg
Q Ichneutica notata



 commons:Ichneutica notata male.jpg
Q Ichneutica notata

 Image Grid

695 Results in 99 ms



So what?

Underfunded

Under staffed

Too hard?



Three reasons

Search engines

Linked open data

Network effects



Google

Search engine optimisation

Google knowledge graph

A painting of a New Zealand lake with snow-capped mountains in the distance. The scene is a valley with a calm lake in the foreground, reflecting the surrounding landscape. In the background, several sharp, snow-capped mountain peaks rise against a hazy sky. The overall color palette is muted, with blues, greys, and whites.

Linked open data

Link everything

Reuse

[A New Zealand Lake with the Remarkables in the Distance](#) by Elizabeth Donald.

1902. Auckland Art Gallery. Public domain. Via Wikicommons.



Network effects

Increase value

Improve data

Image by I. Yoon, R.J. Williams, E. Levine, S. Yoon, J.A. Dunne, and N.D. Martinez. "East River Valley Trophic Web". 2004. www.foodwebs.org. Webs on the Web (WoW): 3D visualization of ecological networks on the WWW for collaborative research and education. Proceedings of the IS&T/SPIE Symposium on Electronic Imaging, Visualization and Data Analysis 5295:124-132. FAL. Via Wikicommons.

The image shows two New Zealand medals. The one on the left is the Queen Elizabeth II Centennial Medal, featuring the profile of the Queen and the inscription 'ELIZABETH II DEI GRATIA REGINA FID. DEF. NZL.'. The one on the right is the Meritorious Service Medal, with the inscription 'FOR EFFICIENT SERVICE'. Both are suspended from blue and yellow ribbons. The text 'NEW ZEALAND' is visible on the ribbon of the left medal.

Other anticipated benefits

Efficiencies in time

Improve open knowledge

Safety net

Impact reporting metrics



Unanticipated benefits

Species in art



How to engage

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Wikipedian in Residence

Reach out to local Wikimedians

Edit-a-thons



Passive engagement

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Active engagement

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Reach out to local Wikimedians

Edit-a-thons



Thank You

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Helpful links: <http://bit.ly/HelpfulLinksADBC>

Slides: <http://bit.ly/ADBCWiki>



Helpful links

<http://bit.ly/HelpfulLinksADBC>