

The Encyclopedia of Life, the Biodiversity Heritage Library, and Systematic Dipterology

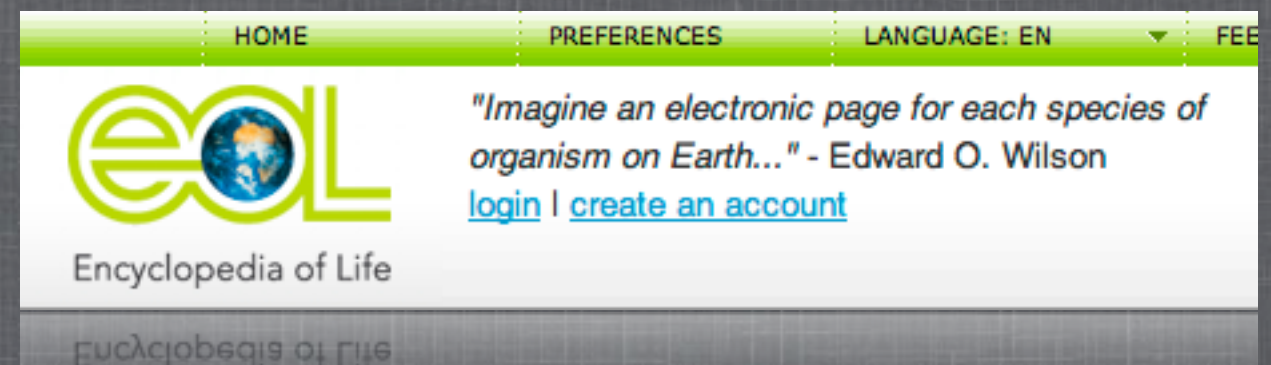
Torsten Dikow

Biodiversity Synthesis Center
Field Museum of Natural History, Chicago, IL, USA



Overview

- ◇ Encyclopedia of Life – EOL
- ◇ Biodiversity Heritage Library – BHL
- ◇ How can you get involved in the EOL?
 - Share photos
 - Become a curator
 - Become a content partner
- ◇ What can we offer to you at EOL?
 - Biodiversity Synthesis Center – BioSynC
 - EOL Fellows Program





“The Encyclopedia of Life is an ecosystem of websites that makes all key information about all life on Earth accessible to anyone, anywhere in the world” (www.eol.org)

www.eol.org

blog.eol.org

Encyclopedia of Life – EOL

- ◇ 1.8 Million species pages
- ◇ A web-site for every species that roams or roamed the earth
- ◇ Freely available – Customizable by user – Common portal

Ophionomima
Ophionomima

Genus recognized by  Catalogue of Life
IUCN RED LIST STATUS: **NOT EVALUATED** 

SHOWING: [SCIENTIFIC NAMES](#)

● IMAGES ● COMMENTS



IMAGES

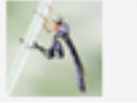


Image of [Ophionomima solocifemur](#) Enderlein, 1914
COPYRIGHT: Some rights reserved
(cc) BY-ND
SUPPLIER: [Leptogastrinae LifeDesk](#) 



CLASSIFICATION : [TEXT](#) | [GRAPHIC](#) | 

[Animalia](#) +
[Arthropoda](#) +
[Insecta](#) +
[Diptera](#) +
[Asilidae](#) +
[Ophionomima](#)
[Ophionomima solocifemur](#) Enderlein, 1914 +

[Archaea](#) +
[Bacteria](#) +
[Chromista](#) +
[Fungi](#) +
[Plantae](#) +
[Protozoa](#) +
[Viruses](#) +

general layout of an
EOL page

Encyclopedia of Life

- ◇ Scientific community
 - assembles & authenticates scientific information
- ◇ General public
 - submits photos, data, other information
 - scientists review information
 - best media etc. brought into authenticated page
- ◇ EOL Curator for species pages

The screenshot displays the EOL interface for the species *Pseudonomeura hirta*. The main image shows a close-up of the insect on a green leaf. To the right, a sidebar lists taxonomic categories: Arthropoda, Insecta, Diptera, and various subgroups. Below the main image, there is a 'TABLE OF CONTENTS' section with links to 'Description', 'Biodiversity Heritage Library', 'References and More Information', 'Literature References', 'Specialist Projects', and 'Search the Web'. A 'GENERAL' section is also visible, containing 'Vibration m' and 'SOURCE AND ADDI'. An 'Object Curation' dialog box is open, showing options for 'VETTED' (Trusted or Untrusted) and 'VISIBILITY' (Show to all users, Hide for all except curators, or Permanently Remove). The dialog box has 'Save' and 'Cancel' buttons.

Overall: ★★★★★ Your Rating: ★★★★★

What happened to the slider?

TABLE OF CONTENTS

- Description
 - General Description
- Biodiversity Heritage Library
- References and More Information
 - Literature References
 - Specialist Projects
 - Search the Web

GENERAL

Vibration m

SOURCE AND ADDI

COPYRIGHT: 2008

SUPPLIER: AskNe

SOURCE URL: View

Object Curation

VETTED: ☒ Trusted ☐ Untrusted

VISIBILITY: ☒ Show to all users ☐ Hide for all except curators ☐ Permanently Remove

Save Cancel

image curation on EOL page

Biodiversity Heritage Library – BHL www.biodiversitylibrary.org



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Search All Categories ▾ Go
[Advanced Search](#)

Browse By: [Titles](#) | [Authors](#) | [Subjects](#) | [Names](#) | [Map](#) | [Year](#) Published In: (Any Language) ▾ For: (All Contributors) ▾

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Entomology Europe **Evolution Fisheries Fishes Fishing** Flowers Forests and
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gardening Lepidoptera **Mammals** Marine animals Massachusetts Mollusks Montana **Natural**
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books **Paleontology Periodicals physiology Pictorial works** Plant physiology
Plants Poultry Reptiles Research **Science** Scientific expeditions Scotland Societies, etc
Soils South America Training **Trees UF United States** Veterinary medicine **Zoology**

main page
BHL

BHL – Scanning of entire taxonomic literature

- ◇ Core literature pre-1923 (out of copyright in the USA)
 - 400,000 titles = 80 million pages
- ◇ All pre-1923 literature
 - 600–750,000 = 120–150 million pp.
- ◇ All taxonomic literature
 - 1.4–1.6 million = 280–320 million pp.
- ◇ High-resolution
- ◇ OCR text PDF – copy/paste descriptions etc.



scanning station at internet archive

Literature searchable online and linked through EOL

BHL – Downloading

Die Dipteren-Fauna Südafrika's. bearbeitet von Herm. Loew. 1. Abt. /

Brief | [Detailed](#) | [MARC](#) | [BibTeX](#) | [EndNote](#)

By:

[Loew, H. 1807-1879.](#)

Publication info:

Berlin :Verlag von G. Bosselmann,1860.

Call Number:

QL535.6 .L82 1860

Subjects:

[Diptera](#), [South Africa](#)

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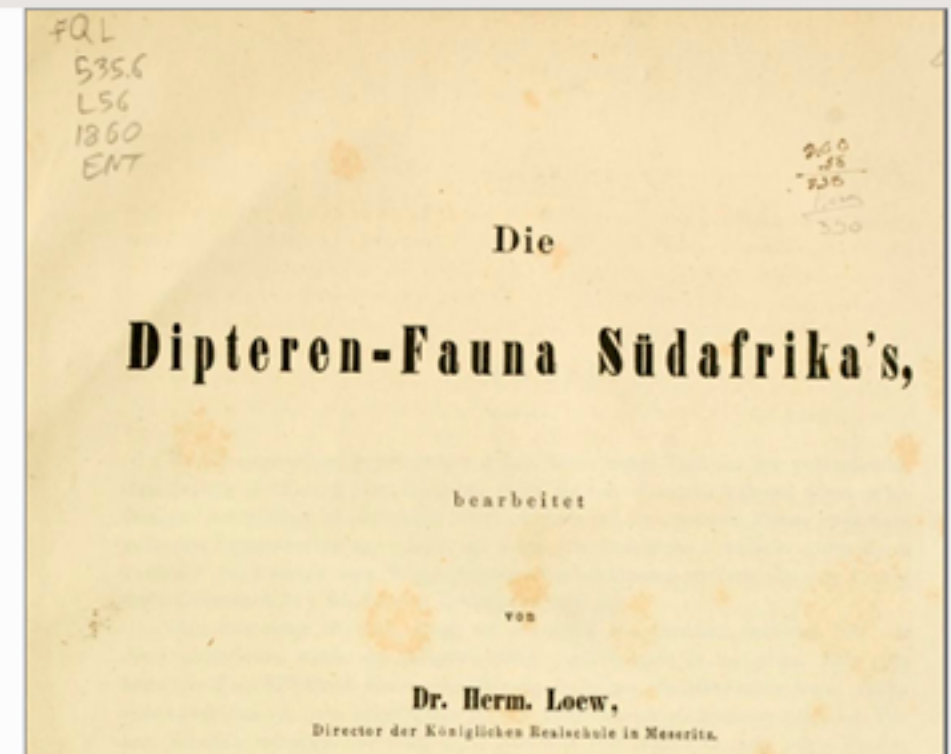
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<http://biodiversitylibrary.org/page/8687188>

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overview and
detailed view

BHL – Downloading of Articles

Proceedings of the Entomological Society of Washington. v 93 1991

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A REVISION OF NEARCTIC CHALCIDIDAE (CHALCIDIDAE: HYMENOPTERA: BRACHYCEPHALA) WITH A NEW WORLD CHECKLIST

Systematic Entomology Laboratory
National Museum NHB 168, W

Abstract.—Four Nearctic species of Chalcididae are recognized in two genera: *Dryadoc* *texana* (Brues), *Amotura* *culipennis* (Ashmead), n. comb., *Amotura* *similis* Girault is synonymized, and *Amotura* *similis* Girault is synonymized under *Amotura* *similis* Girault. Each previously described species is redescribed, illustrated for the first time, and the previously undescribed species for all species are recognized for the first time. A key to Nearctic taxa is provided, and known geographic and host data are summarized. The Neotropical species *Dryadoc* *superba* DeSantis is discussed in relationship to its early confusion with *D. texana*. A list of 13 New World species (with 8 new combinations) is given.

Key Words: *Amotura*, *Dryadoc*

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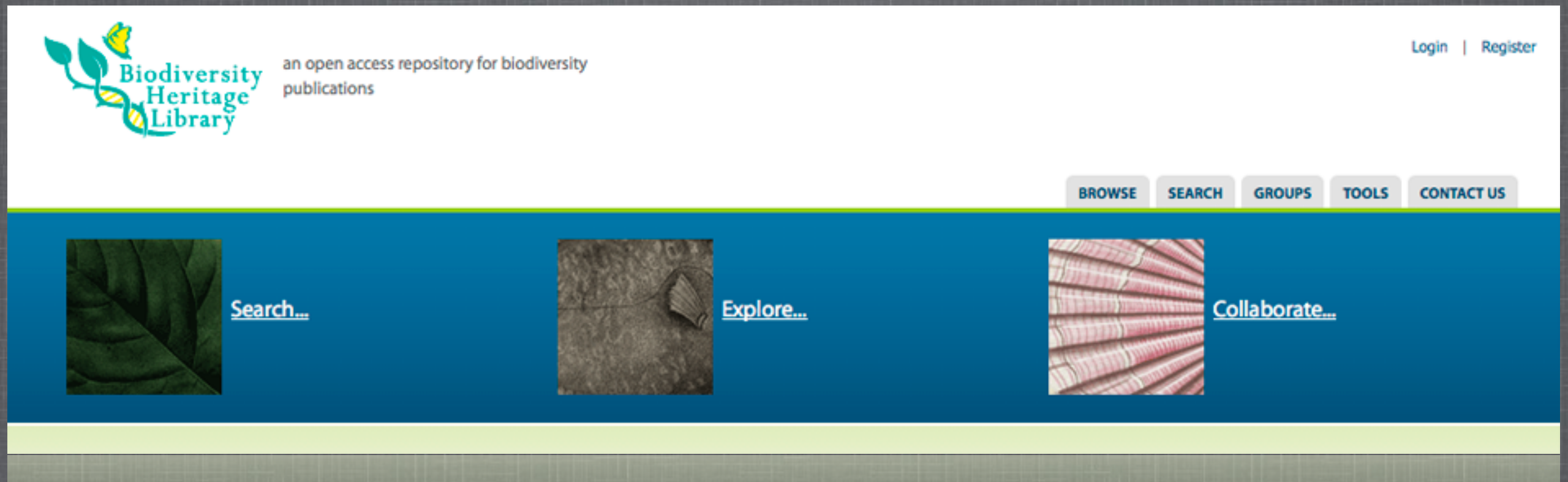
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BHL CiteBank main page



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Who Are We?

The Biodiversity Heritage Library (BHL), the digitization component of the Encyclopedia of Life, is a consortium of 12 major natural history museum libraries, botanical libraries, and research institutions organized to digitize, serve, and preserve the legacy literature of biodiversity. The European Commission's eContentPlus program has recently funded the BHL-Europe project, with 28 institutions, to assemble the European language literature. In addition, negotiations are being pursued with the Chinese Academy of Sciences, the Atlas of Living Australia and Brazil to join the BHL consortium. These projects will work together to share content, protocols, services, and digital preservation practices. Prior to digitization, the resources housed within each BHL institution have existed in isolation, available only to those with physical access to the collections. These collections are of exceptional value because the domain of systematic biology depends – more than any other science – upon historic literature. Consequently, the relative isolation of these collections presented an antiquated obstacle to further biodiversity investigation. This problem is particularly acute for the developing countries that are home to the majority of the world's biodiversity.

The Biodiversity Heritage Library

Presentations about BHL

Legacy Taxonomic Literature

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Your Involvement – Share your photos of insects

www.flickr.com/groups/encyclopedia_of_life/



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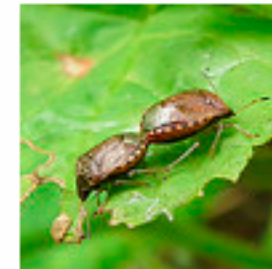
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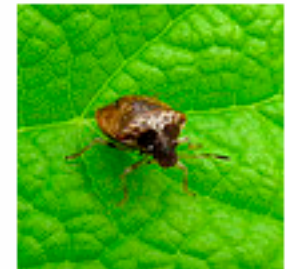
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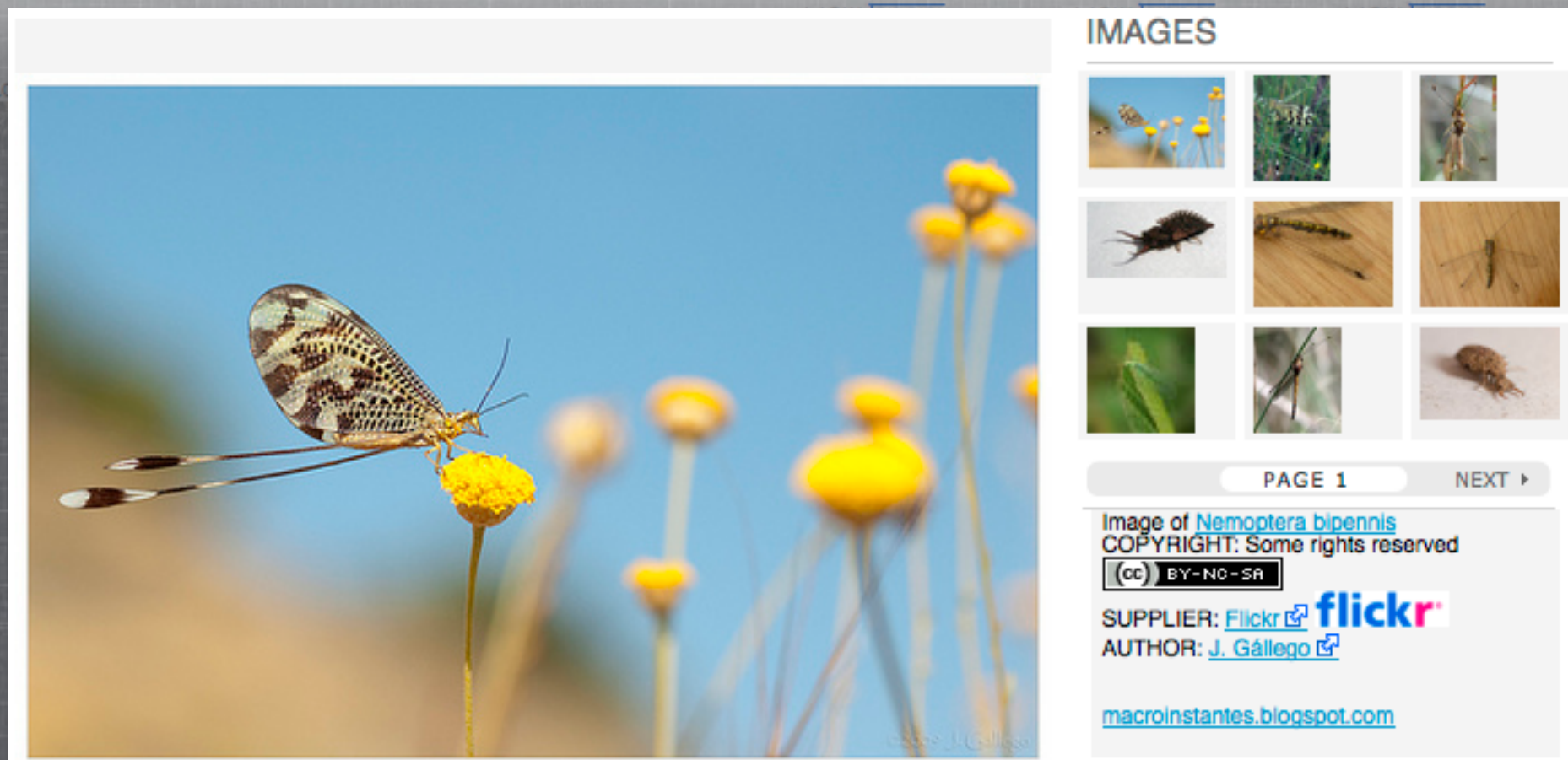


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EOL flickr group



flickr image on EOL

Your Involvement

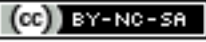
www.eol.org/content/page/help_build_eol

- ◇ become a EOL curator
 - curate images
 - curate text (descriptions, ecological information, distribution data)
- ◇ start a LifeDesk
 - provide information on your favorite taxon to EOL
 - collaborate with colleagues in compiling information on a taxon
- ◇ become a content partner
 - set-up automatic harvest of your database by EOL

acknowledgement of data source on EOL page

SOURCE AND ADDITIONAL INFORMATION 

AUTHOR Dikow, Torsten

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SUPPLIER 
[Leptogastrinae LifeDesk](#)

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[Leptogastrinae LifeDesk](#)

EOL Curator

www.eol.org/content/page/curator_central

curating images

The screenshot displays the EOL Curator interface. At the top, there are tabs for IMAGES, MAPS, and COMMENTS. The main image is a photograph of a dragonfly, credited to Valter Jacinto. Below the image, there is a yellow banner with the text "Items in yellow are not reviewed." To the right of the main image, there is a sidebar with a grid of smaller images, some of which are highlighted in yellow. Below the grid, there is a section for "Image of Leptomydas lusitanicus" with copyright information and a link to the Flickr page. At the bottom of the main image, there is a rating section with "Overall: ★★☆☆☆" and "Your Rating: ★☆☆☆☆". Below the rating, there are three icons: a star, a speech bubble, and a tag. Two green arrows point from these icons to two separate panels. The left panel is titled "Object Curation" and contains options for "VETTED:" (Trusted, Untrusted) and "VISIBILITY:" (Show to all users, Hide for all except curators, Permanently Remove). The right panel is titled "Public Image Tags" and contains a section for "My Tags" and a form for "Add Image Tags" with a "Category" dropdown and an "Add Tag" button.

IMAGES MAPS COMMENTS

© Valter Jacinto

IMAGES

Items in yellow are not reviewed.

Image of [Leptomydas lusitanicus](#)
COPYRIGHT: Some rights reserved
SUPPLIER: [EOL Images Group on Flickr](#)
AUTHOR: [Valter Jacinto](#)

Overall: ★★☆☆☆ Your Rating: ★☆☆☆☆

Object Curation

VETTED: ☒ Trusted ☐ Untrusted

VISIBILITY: ☒ Show to all users ☐ Hide for all except curators ☐ Permanently Remove

Save Cancel

Public Image Tags

This image has no public tags.

My Tags

You have not tagged this image yet.

Add Image Tags

Separate tags with spaces; category is optional

Category

Add Tag

ADD THIS TAG

Leptomydas lusitanicus Wiedemann, 1820

Species recognized by FC Thompson, [BioSystematic Database of World Diptera](#) in [Catalogue of Life](#)
IUCN RED LIST STATUS: **NOT EVALUATED**

SHOWING: [SCIENTIFIC NAMES](#)

IMAGES

COMMENTS

Comments On *Leptomydas lusitanicus* Wiedemann, 1820

No comments have been left yet.

 Add a New Comment

POST COMMENT

CLASSIFICATION:

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Species 2000 & ITIS Catalogue of Life: Annual

[Animalia](#) +

[Arthropoda](#) +

[Insecta](#) +

[Diptera](#) +

[Mydidae](#) +

[Leptomydas](#) +

[Leptomydas lusitanicus](#) Wiedemann, 1820

[Archaea](#) +

[Bacteria](#) +

[Chromista](#) +

[Fungi](#) +

[Plantae](#) +

[Protozoa](#) +

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commenting
on
taxonomy

Support provided by EOL – Biodiversity Synthesis Center

- ◇ Funding for meetings and workshops on diverse topics
- ◇ next deadline 1 November 2010 synthesis.eol.org

BioSynC main page

The EOL Biodiversity Synthesis Group
Encyclopedia of Life BioSynC Synthesis Meetings Staff Projects News

Accelerating the Pace of Scientific Discovery.

The Biodiversity Synthesis Group is part of the **Encyclopedia of Life (EOL)**, an international project to develop a webpage for every known species on Earth, freely accessible to all. Based at the **Biodiversity Synthesis Center (BioSynC)** at the **Field Museum of Natural History** in Chicago, we are dedicated to advancing biodiversity science and the core EOL mission through our diverse meetings, workshops, research programs, and outreach.

UPCOMING MEETINGS

Diatom Morphology 09/04/2010 - 09/05/2010 Minneapolis, MN, USA	Hymenoptera Ontologies 10/14/2010 - 10/17/2010 Raleigh, NC, USA	+ Propose a meeting - About Synthesis Meetings
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Support provided by EOL – Fellows Program

- ◇ Cofunding of EOL contributor through Species Pages Group
- ◇ Salary of up to US\$ 20,000 annually
- ◇ Institutions or grants provide matching funds
- ◇ Directly contributing to EOL content (250 species pages)

www.eol.org/content/page/fellows

EOL fellows main page

EOL Rubenstein Fellows

Program Overview

Funded by a generous gift by David M. Rubenstein to the Smithsonian National Museum of Natural History, the Rubenstein Fellows Program will provide partial stipend or salary support (up to 50% in one year) for early career scientists to serve species-level information through the [Encyclopedia of Life](http://www.eol.org).

support (up to 50% in one year) for early career scientists to serve species-level information through the [Encyclopedia of Life](http://www.eol.org).

Funded by a generous gift by David M. Rubenstein to the Smithsonian National Museum of Natural History, the Rubenstein Fellows Program will provide partial stipend or salary

Thank You ...

- ◇ Encyclopedia of Life funding sources
- ◇ Biodiversity Synthesis Center

