



## **Encyclopedia of Life**

February 2008 Release Highlights

# Home Page

The screenshot shows the EOL home page with several key features highlighted by red arrows and text:

- Search:** A search bar with the text "Name of organism" and a "FIND" button. A red arrow points to the "FIND" button with the label "Search".
- Explore:** A section titled "Explore" with a "more species" link. It features a grid of six fish species, each with an image and a link to its page. A red arrow points to the first species, *Amblygobius magnusi*, with the label "Random Species".
- What is EOL?:** A section titled "What is EOL?" with a paragraph of introductory text and a list of three goals.
- Featured:** A section titled "Featured" with an image of a fern and a link to *Pteridium aquilinum* (L.) Kuhn. A red arrow points to the image with the label "Featured exemplar".
- Popular:** A section titled "Popular" with two fish species: *Seriola lalandi* Valenciennes, 1833 (Yellowtail amberjack) and *Gadus morhua* Linnaeus, 1758 (Atlantic cod). A red arrow points to the first species with the label "Most viewed species".
- New To The Site?:** A section titled "New To The Site?" with links to "FAQs", "Help", and "Forum".
- Help Us:** A section titled "Help Us" with a paragraph of text and a link to "Participate in our survey".


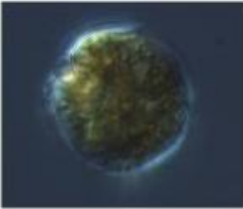

The home page is the entry point into EOL and allows users to search by taxon name, see the most viewed species, a featured exemplar, or a random selection of species.

# Exemplar Pages



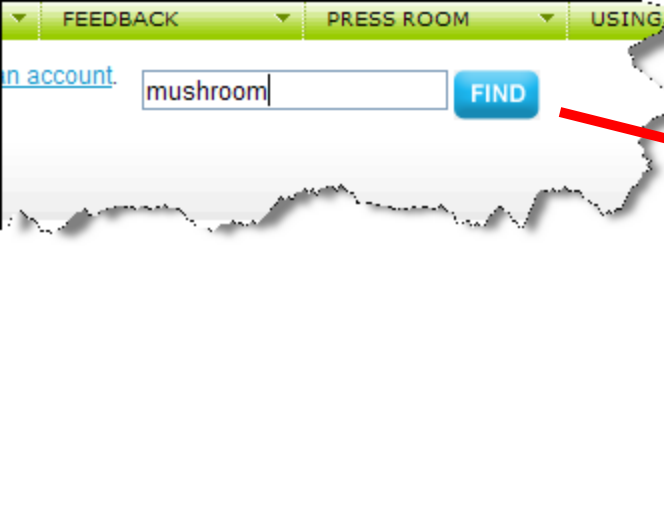
## Exemplar Pages

The pages below show the kind of rich environment, with extensive information, to which all the species pages will eventually be added. Each page has been authenticated (endorsed) by the scientists whose names are listed on these pages.

IMAGE	NAME
	<a href="#">Aedes aegypti (Linnaeus, 1762)</a> Yellow fever mosquito
	<a href="#">Alexandrium fundyense Balech</a>
	<a href="#">Amanita phalloides (Vaill. ex Fr.) Link 1833</a> Death Cap Mushroom

This page lists all of the exemplars, along with a thumbnail image and a link to the page. It is a quick way to find all the exemplar pages and is available from the top navigation under “About EOL”.


# Searching



## Search Results

The following 51 search results contain 'mushroom'.

**Common Names**

COMMON NAME	SCIENTIFIC NAME	LANGUAGE	IMAGE
<a href="#">Atlantic mushroom coral</a>	<i>Scolymia lacera</i> (Pallas, 1766)	English	
<a href="#">Blushing Wood Mushroom</a>	<i>Agaricus silvaticus</i> Schaeff. 1833	English	
<a href="#">Button mushroom</a>	<i>Agaricus bisporus</i> (J.E. Lange) Pilát 1951	Unspecified	
<a href="#">Common mushroom</a>	<i>Agaricus bisporus</i> (J.E. Lange) Pilát 1951	Unspecified	
<a href="#">Cornucopia mushroom</a>	<i>Pleurotus cornucopiae</i> (Paulet) Rolland 1910	Unspecified	
<a href="#">Cultivated mushroom</a>	<i>Agaricus bisporus</i> (J.E. Lange) Pilát 1951	Unspecified	
<a href="#">Death Cap Mushroom</a>	<i>Amanita phalloides</i> (Vaill. ex Fr.) Link 1833	English	
<a href="#">Elephant ear mushroom corals</a>	<i>Rhodactis</i>	Unspecified	
<a href="#">Fairy-ring mushroom</a>	<i>Marasmius oreades</i> (Bolton) Fr. 1836	Unspecified	
<a href="#">Florida oyster mushroom</a>	<i>Pleurotus</i>	Unspecified	
<a href="#">Magic mushroom</a>	<i>Psilocybe cubensis</i> (Earle) Singer 1948	Unspecified	
<a href="#">Meadow muffin mushroom</a>	<i>Psilocybe coprophila</i> (Bull.) P. Kumm. 1871	Unspecified	

**FIND BY NAME**  
mushroom  
FIND

**LANGUAGE**  
any language

## *Amanita phalloides* (Vaill. ex Fr.) Link

DEATH CAP MUSHROOM

IUCN RED LIST STATUS: NOT EVALUATED

IMAGES MAPS



IMAGES

PAGE 1 NEXT >

Image is Some rights reserved  
AUTHOR: Frank Richard

Users may search for taxa by name using the search box on the top of every page. Searches are only performed on fully matched scientific and common names. For example, “mushroom” will list any taxon name that contains the complete word “mushroom” (including supraspecies pages). Clicking on a name on the search results page takes you directly to that taxon page.

# Chromis: Species Page Overview

This exemplar page of the Deep Blue Chromis, just recently discovered, shows the type of content available on species pages. The page is broken down into four areas: names, classification, media panel and content. At the top we see the common and scientific names. Below this is the media panel, showing images, maps and videos, if each type is available. To the right of the media panel is the classification browser. Below the media panel is any text content, accessed via the table of contents to its left. To the right of the text content is navigation for moving to other species pages. Taxonomically similar species, if available, are shown under “Related”, and a random selection of other species are shown under “Explore”.

**DEEP BLUE CHROMIS** ← **Common name**

*Chromis abyssus* ← **Scientific name**

BOOKMARK

IUCN RED LIST STATUS: NOT EVALUATED

IMAGES VIDEOS ← **Media (images, videos & maps)**

IMAGES

CLASSIFICATION: TEXT | GRAPHIC | SOURCE

Animals +  
Chordates +  
Ray-finned fishes +  
Perch-like fishes +  
Damsselfishes +  
Chromis +  
Deep Blue Chromis

Archaea +  
Bacteria +  
Chromista +  
Fungi +  
Plants +  
Protozoa +  
Viruses +

**Classification Browser**

PAGE 1

Image is Some rights reserved  
AUTHOR: Tamara Clark  
SOURCE: Eden Art  
Scientific illustration

**Taxonomically similar species**

**INTRODUCTION**

LESS DETAIL MORE

TABLE OF CONTENTS

- Overview
- Introduction
- Description
  - Physical Description
  - Succinct
  - Formal Description
  - Molecular Biology and Genetics
  - Etymology
  - Identification
  - Specimen Information
  - Original Description
  - Reproduction and Life History
- Ecology and Distribution
  - Distribution
  - Habitat
  - Ecosystem Role
  - Conservation
- Evolution and Systematics
  - Classification
- Relevance
  - How to Grow
- References and More Information
  - Literature References
  - People
  - Editor's Links
  - Search the Web
  - Voucher Materials
  - Interesting Facts
  - Common Names

**Text content, based on table of contents item selected**

**Random species**

RELATED

- [Chromis dasygynus \(Fowler, 1935\)](#)  
Blue-spotted chromis
- [Chromis tnalpha Allen & Randall, 1980](#)  
Trispot chromis
- [Chromis cinerascens \(Cuvier, 1830\)](#)  
Green chromis

EXPLORE

- [Rhinecanthus aculeatus \(Linnaeus, 1758\)](#)  
Blackbar triggerfish
- [Valenciennesa strigata \(Broussonet, 1782\)](#)  
Blueband goby
- [Istiblennius nvalatus \(Ruppell, 1830\)](#)



# Biodiversity Heritage Library


The screenshot displays the Biodiversity Heritage Library (BHL) interface. On the left, a sidebar contains a 'TABLE OF CONTENTS' section with a red circle highlighting the 'Biodiversity Heritage Library' link. Above this sidebar is a 'DETAIL' toggle set to 'DETAIL'. The main content area features the BHL logo and a text block explaining that the bibliography is generated by automated services. Below this is a 'BHL SUMMARY' section listing several scanned publications with their titles and publishers.

LESS **DETAIL** MORE

**TABLE OF CONTENTS**

- ▶ Biodiversity Heritage Library
- ▶ References and More Information
- ▶ Specialist Projects
- ▶ Search the Web
- ▶ Common Names

**BIODIVERSITY HERITAGE LIBRARY**

 The following bibliography has been generated by automated services. BHL uses taxonomic intelligence tools to locate, verify, and record scientific names located within the text of each digitized page in the BHL digital collection. [View Discovered Bibliography in BHL](#)

**BHL SUMMARY**

- [A chemical sign of life /](#)  
Chicago, Ill. :The University of Chicago Press,[1917]
- [An introduction to the osteology of the mammalia /](#)  
London :Macmillan,1885.
- [Animal biology.](#)  
New York,The Macmillan Co.,1910.
- [Carnegie Institution of Washington publication.](#)  
Washington,Carnegie Institution of Washington,1902-
- [Compendium der Helminthologie.](#)  
Hannover :Hahn'sche Buchhandlung,1878.
- [Dr. H.G. Bronn's Klassen und Ordnungen des Thier-Reichs :](#)  
Leipzig :C.F. Winter,1880-
- [Grundz](#)  
Mehring Elwert 1880

Many species pages have direct links to scanned literature from the Biodiversity Heritage Library that make mention of the species. Links to the BHL and directly to each scanned page are shown under the “Biodiversity Heritage Library” table of content item when available.






# Specialist Projects

LESS **DETAIL** MORE

TABLE OF CONTENTS

- » Biodiversity Heritage Library
- References and More Information
  - » Specialist Projects**
  - » Search the Web
  - » Common Names

## SPECIALIST PROJECTS

PROJECT	DESCRIPTION
 Adaptive Diversity Web <a href="#">project homepage</a>	<a href="#">ADW: species information</a>
 BOLDSYSTEMS <a href="#">project homepage</a>	<a href="#">Barcode of Life Data Systems</a>
 BioLib.cz <a href="#">project homepage</a>	<a href="#">BioLib.cz Taxon Profile</a>
 Species 2000 ITIS <a href="#">project homepage</a>	<a href="#">2007 Annual Checklist Hierarchy</a>
 GBIF <a href="#">GBIF Portal</a>	

Many species pages have direct links to content about that species from other authoritative projects. These direct links are shown under the “Specialist Projects” table of content item when available.

# Dynamic Literature References






## LITERATURE REFERENCES

### SOURCE AND ADDITIONAL INFORMATION

[Margaret Thayer](#)

Some rights reserved



- Amaral, M. 1992. Conservation of the endangered American burying beetle *Nicrophorus americanus*. American Association of Zoological Parks and Aquariums, Annual Conference Proceedings 1992: 509-516. 
- Amaral, M. & M. L. N. Prospero. 1999. One zoo, two islands, and a beetle. *Endangered Species Bulletin* 24 (3): 10-11. 
- Amaral, M., A. Kozol & T. French. 1997. Conservation status and reintroduction of the endangered American burying beetle. *Northeastern Naturalist* 4: 121-132. 
- Anderson, R. S. 1982. On the decreasing abundance of *Nicrophorus americanus* Olivier (Coleoptera: Silphidae) in eastern North America. *Coleopterists Bulletin* 36(2): 362-365. 
- Anderson, R. S. & S. B. Peck. 1985. The insects and arachnids of Canada. Part 13. The carrion beetles of Canada and Alaska (Coleoptera: Silphidae and Agyrtidae). Publication 1778, Research Branch Agriculture Canada, Ottawa. 121 pp.
- Backlund, D.C. & G.M. Marrone. 1997. New records of the endangered American burying beetle, *Nicrophorus americanus* Olivier, (Coleoptera: Silphidae) in the 'Caribbean Islands'. *Endangered Species Bulletin* 51(1): 53-59. 

## LITERATURE REFERENCES

### SOURCE AND ADDITIONAL INFORMATION

[Margaret Thayer](#)

Some rights reserved



- Amaral, M. 1992. Conservation of the endangered American burying beetle *Nicrophorus americanus*. American Association of Zoological Parks and Aquariums, Annual Conference Proceedings 1992: 509-516. 
- Amaral, M. & M. L. N. Prospero. 1999. One zoo, two islands, and a beetle. *Endangered Species Bulletin* 24 (3): 10-11. 
- Amaral, M., A. Kozol & T. French. 1997. Conservation status and reintroduction of the endangered American burying beetle. *Northeastern Naturalist* 4: 121-132. 

All articles - [Recent articles](#)

Results 1 - 10 of about 93 for [Conservation of the endangered American burying beetle](#) *Nicrophorus americanus*.

[Ecology and Conservation of the Endangered American Burying Beetle \(\*Nicrophorus americanus\*\)](#) - MBLWHOI Library GetText  
[MBLWHOI Library GetText - all 4 versions »](#)  
MV Lomolino, JC Creighton, GD Schnell, DL Certain - [Conservation Biology](#), 1995 - Blackwell Synergy  
Page 1. Ecology and Conservation of the Endangered American Burying Beetle (*Nicrophorus americanus*) MARKV. LOMOLINO, J. CURTIS CREIGHTON ...  
[Cited by 23](#) - [Related Articles](#) - [Web Search](#)

When properly formatted, literature references have a “magnifier” search icon next to them. Clicking on the search icon will perform a dynamic Internet search for the reference. If found, the search icon changes to an icon indicating the source (Google Scholar in the example above). Clicking the source icon takes you to the reference.



# Videos & Maps

**Cafeteria roenbergensis** Fenchel & D.J. Patterson

*Cafeteria roenbergensis*

IUCN RED LIST STATUS: NOT EVALUATED

IMAGES **MAPS** VIDEOS

Occurrence Overview

CLASSIFICATION:

- Animalia +
- Archaea +
- Bacteria +
- Chromista +

**Cafeteria roenbergensis** Fenchel & D.J. Patterson

*Cafeteria roenbergensis*

IUCN RED LIST STATUS: NOT EVALUATED

IMAGES MAPS **VIDEOS**

Select a video

CLASSIFICATION:

- Animalia +
- Archaea +
- Bacteria +
- Chromista +
- Sagenista +
- Bicosoecophyceae +
- Bicosoecales +
- Cafeteriaceae +
- Cafeteria +
- Cafeteria r...

VIDEOS

- [Living cells of Cafeteria roenbergensis](#)
- [Animation of flagellar beating in Cafeteria roenbergensis \(stylized\).](#)

Animation of flagellar beating in Cafeteria roenbergensis (stylized).

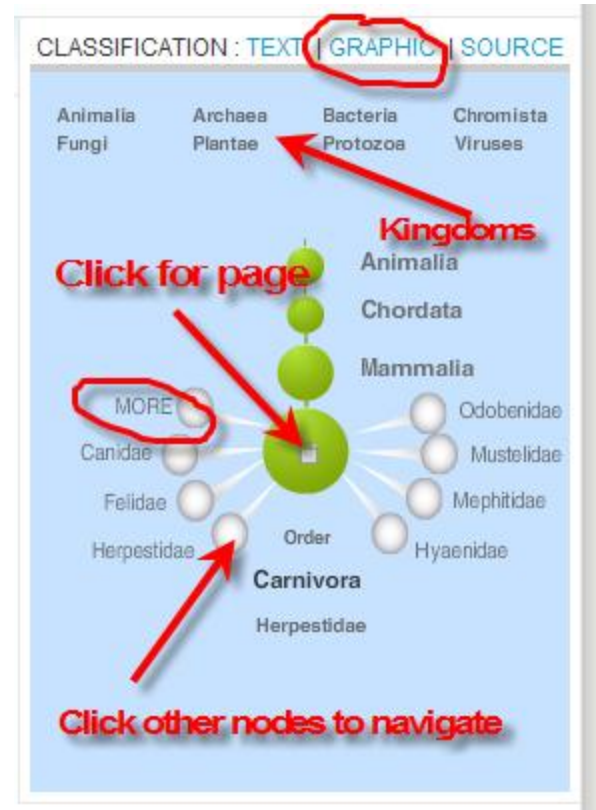
AUTHOR: David J. Patterson

Some rights reserved

Animation of flagellar beating in Cafeteria roenbergensis (stylized). Flagella beat in waves of activity passing from base to tip and this should cause fluids to be pushed away from the body. In Cafeteria, the flagellar beating draws water towards the body. This is made possible by the...

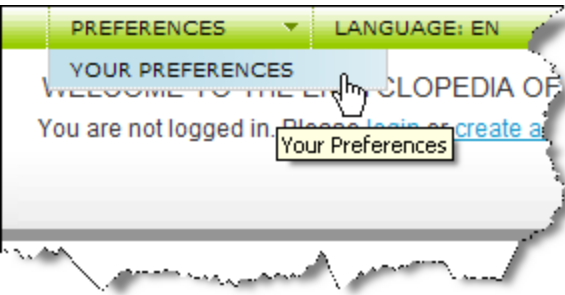
Some taxa may have videos or occurrence maps. If so, these tabs will be enabled in the media browser, next to the images tab. Clicking on the tabs will cause the images area to be replaced with the videos or maps. Maps are static images of occurrence data and may not always be available. Videos were submitted by data providers or the curators of exemplar pages. Clicking a video title begins playback in the media area.

# Classification Browser



The classification browser at the right of the species page allows users to explore the tree of life in a text or graphic form. Use the “Text” or “Graphic” links above the tree to switch views (circled above). The names shown, common vs scientific, are determined by the position of the detail slider. The text browser allows users to navigate through the nodes using the plus signs to expand a node or to view a taxon page by clicking on a name. The graphic browser allows users to navigate the hierarchy by clicking on the taxon “bubbles”, and jump to a page by clicking on the document icon in the center of the current taxon (the larger “bubble” in the center). Access to other kingdoms is via links at the top of the graphic browser.

# Preferences



## Your Preferences

Which language do you prefer?

English ▾

Do you want to include?

- Information intended for beginners
- Information for any audience
- Information intended for experts

Do you want to see?

- Only information that has comes from authoritative sources
- All information

Cancel

Update Preferences

Select "All information" and  
click "Update preferences" to  
view all links

The preferences page, available from the top navigation, allows users to select the type of content they wish to view, as well as their preferred language. Users can select the detail level of the content that is visible and if non-authoritative content is visible by default. By selecting "all information", links to Wikipedia and Google are made available on pages where possible, as shown on the next slide. Preferences are only saved for the current visit unless the user creates an account.

# Showing Non-authoritative Projects

The image shows a web interface with a 'TABLE OF CONTENTS' menu on the left and a 'SEARCH THE WEB' section on the right. A red arrow points from the text 'Change preferences' to the 'Search the Web' item in the menu, which is circled in red. A tooltip 'Search the Web' is visible over the circled item. The 'SEARCH THE WEB' section contains two tables of search results.

**TABLE OF CONTENTS**

- Overview
- Description
- Ecology and Distribution
- Evolution and Systematics
  - Catalogue of Life Synonyms
- Relevance
- Biodiversity Heritage Library
- References and More Information
  - Specialist Projects
  - Search the Web**
  - Common Names

**SEARCH THE WEB**

PROJECT	DESCRIPTION
Species 2000 ITIS	<a href="#">2007 Annual Checklist Hierarchy</a>
WIKIPEDIA	<a href="#">Wikipedia, the free encyclopedia</a>

ITEM	DESCRIPTION
Google	<a href="#">Google</a>
Google	<a href="#">Google Images</a>
Google	<a href="#">Google Scholar</a>

Change preferences

Changing the preference setting to allow non-authoritative projects as shown on the previous slide opens up a new table of content item called “Search the Web”, showing links to Wikipedia, Google and other resources. The example above is taken from the [Atlantic Cod page](#).

HOME | PREFERENCES | LANGUAGE: EN | FEEDBACK | PRESS ROOM | USING THE SITE | ABOUT EOL


You are not logged in. Please [login](#) or [create an account](#).   [Help me find more species](#)

# ATLANTIC COD

*Gadus morhua*

UCI RED LIST STATUS: VULNERABLE (VU)

IMAGES | MAPS



IMAGES

PAGE 1 | NEXT

Image is Some rights reserved  
SOURCE: [Biopix](#)

CLASSIFICATION: TEXT | GRAPHIC | SOURCE

- Animals +
- Chordates +
- Ray-finned fishes +
- Cods +
- Cods and haddocks +
- Common codfishes +
- Atlantic cod
- Archaea +
- Bacteria +
- Chromista +
- Fungi +
- Plants +
- Protozoa +
- Viruses +

# Change Languages

ACCUEIL | PRÉFÉRENCE | LANGUE: FR | CONTACTEZ-NOUS | PRESSE | PLAN D'ACCÈS | AU SUJET D'EOL


Vous n'êtes pas entré. Svp [login](#) ou [Créez un compte](#).   [Je veux trouver plusieurs espèces](#)

# CABILAUD

*Gadus morhua*

L'ÉTAT DE CONSERVATION D'UICN: VULNERABLE (VU)

IMAGES | CARTES



IMAGES

PAGE 1 | SUIVANT

Image is Some rights reserved  
SOURCE: [Biopix](#)

CLASSIFICATION: TEXTE | GRAPHIQUE | SOURCE

- Animaux +
- Cordés +
- Poisson Épineux +
- Merlus +
- Morues +
- Common codfishes +
- Cabillaud
- Archéobactéries +
- Bactéries +
- Chromista +
- Champignons +
- Plantes +
- Protozoa +
- Viruses +

PREFERENCES | LANGUAGE: EN | FEEDBACK

WELCOME TO THE EOL

You are not logged in. Please [login](#) or [create an account](#).

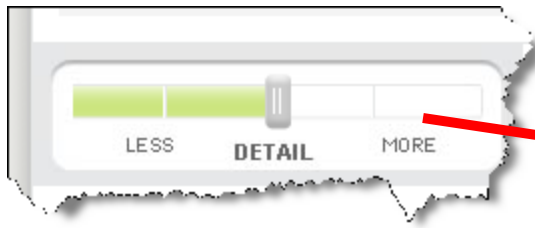
ENGLISH (US EN)

FRANÇAIS (FR FR)

français

Changing the language selection in the top navigation allows the navigational elements and names in the web page to be shown in multiple languages. The first release offers French and English, but translating into multiple languages will occur for future releases. The actual textual content of the website and the species data content is only in English at this time and is not translated.

# Detail Slider



## DEEP BLUE CHROMIS

*Chromis abyssus*

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

[Animals +](#)  
[Chordates +](#)  
[Ray-finned fishes +](#)  
[Perch-like fishes +](#)  
[Damselfishes +](#)  
[Chromis +](#)  
[Deep Blue Chromis](#)

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

## *Chromis abyssus* Pyle, Earle & Greene, 2008

DEEP BLUE CHROMIS

[Animalia +](#)  
[Chordata +](#)  
[Actinopterygii +](#)  
[Perciformes +](#)  
[Pomacentridae +](#)  
[Chromis +](#)  
[Chromis abyssus Pyle, Earle & Greene, 2008](#)

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

The detail slider controls the taxon name that predominate in the classification browser and page header, and also controls the type of text content shown (i.e. geared for experts or a general audience). Moving the slider changes the names shown in each area as well as potentially showing different types of content in the text area. Most pages in the first release do not have content specifically tagged as expert or general audience, so the slider will often not impact the table of contents at this time.



# User Accounts

You are not logged in. Please [login](#) or [create an account](#).

## Login

Username

Password

[Forgot Password](#)  
[If you don't have an account, click here to register](#)

## Registration

### Account Information

Username (3 - 16 characters)\*

Password (3 - 16 characters)\*

Confirm Password\*

Email Address\*

Given name\*

Family name

Do you want to receive EOL notifications?  
 Yes

Family name

Do you want to receive EOL notifications?  
 Yes

Which language do you prefer?  
 ▾

Do you want to include?

- Information intended for beginners
- Information for any audience
- Information intended for experts

Do you want to see?

- Only information that has come from authoritative sources
- All information

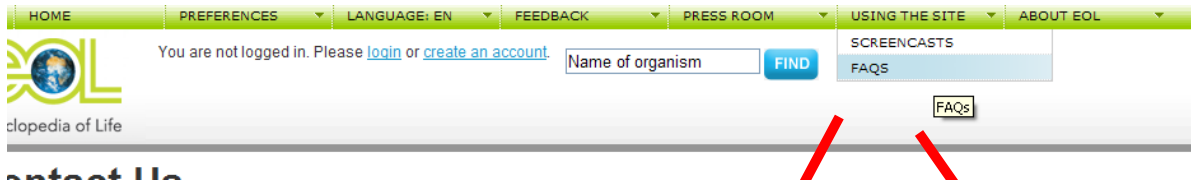
WELCOME TO THE ENCYCLOPEDIA OF LIFE

Hello Peter!

[your preferences](#) | [logout](#)

Users can create accounts on the system to remember their preferences and to register for EOL notifications via email. Links to login or create an account are provided at the top of every page. Once logged in, the site is personalized with the user's name, and the user's preferences, such as language and account information, are stored for future visits.

# Frequently Asked Questions & other info



## FAQs

» GENERAL

» IMPACT

» AUDIENCE

» TIMETABLE

» CONSTRUCTION

» TECHNOLOGY

» HOW TO USE EOL

» PARTICIPATION

» FUNDING

### GENERAL

- [What does Encyclopedia of Life seek to accomplish? What are its objectives?](#)
- [Why now?](#)
- [Why has this not previously been done?](#)
- [Who is responsible for conceiving this project?](#)
- [What are the most significant obstacles you may face?](#)
- [How have audiences been accessing this information to date?](#)
- [What can users expect to get from EOL now? What can they expect to get in the future?](#)
- [What is a species page?](#)
- [I see many pages that don't have as much information. Can I contribute to these?](#)
- [What are the components of the EOL project?](#)

### IMPACT

- [What impact will EOL have on science?](#)
- [What impact will EOL have on society?](#)

## Contact Us

For comments about the project in general, please [visit the Forum](#). For o

Your name\*

Your email address

Topic area\*

Please select

Topic area

Comments\*

More information about the project, including FAQs, screencasts, and general project information, are available via the navigation menus at the top of every page. Users can also provide feedback via a “contact us” page, or visit the forum and blog.

# References Pages

- [EOL Home Page](#)
- [American Burying Beetle](#)
- [Death Cap Mushroom](#)
- [Cafeteria roenbergensis](#)
- [Deep Blue Chromis](#)
- [Polar Bear](#)
- [Atlantic Cod](#)
- [Search Page](#)
- [FAQs](#)
- [Contact Us](#)