

CYWG (CyberInfrastructure Working Group) October 2014

iDigBio Search Portal

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iDigBio Search Portal

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iDigBio Home
Portal Home
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Start Searching Specimen Records

Press ESC to close auto-complete suggestions.

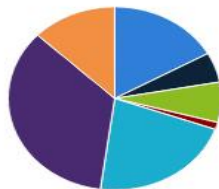
iDigBio Specimen Portal

If you are familiar with our portal's interface, you can start searching [Specimen Records](#).

If this is your first time here, you might consider browsing [our tutorial](#).

Our data are based on the [Darwin Core](#) and [Audubon Core](#) standards.

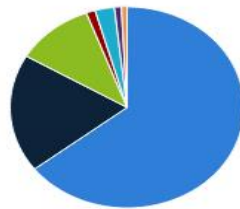
Specimen Records by Collection Type



■ Plants: 16.85 % ■ Lichens: 5.28 %
■ Fungi: 7.09 % ■ Fossils: 1.25 %
■ Invertebrates: 21.71 %
■ Vertebrates: 34.97 %
■ Other: 12.86 %

Highcharts.com

Media Records by Collection Type



■ Plants: 64.52 % ■ Lichens: 18.99 %
■ Fungi: 10.86 % ■ Fossils: 1.23 %
■ Invertebrates: 2.68 %
■ Vertebrates: 0.96 % ■ Other: 0.77 %

Highcharts.com

23,693,666

Specimen Records

3,419,648

Media Records

348

Recordsets



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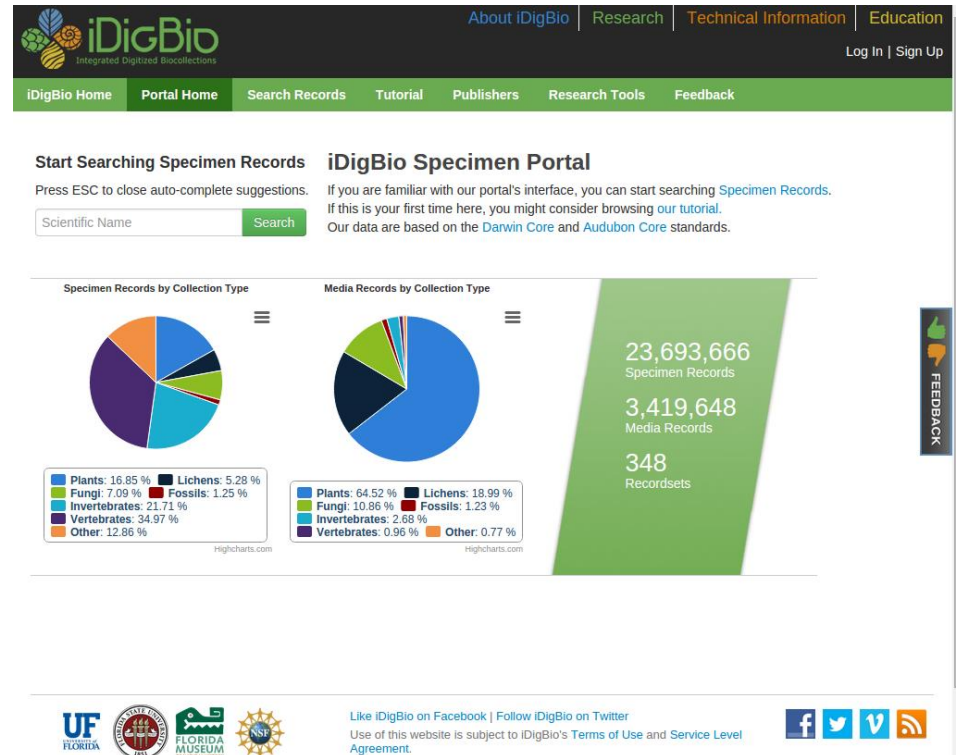
Use of this website is subject to iDigBio's [Terms of Use](#) and [Service Level Agreement](#).



<http://portal.idigbio.org>

Portal Home Page

- Provides a quick search box with search suggestions for Scientific Name
- Provides graphs for the specimen and media record count breakdowns by collection category
- Provides up-to-date record counts of Specimen, Media and Recordset counts



The screenshot shows the iDigBio Portal Home Page. At the top, there is a navigation bar with links for 'About iDigBio', 'Research', 'Technical Information', and 'Education'. Below this is a secondary navigation bar with 'iDigBio Home', 'Portal Home', 'Search Records', 'Tutorial', 'Publishers', 'Research Tools', and 'Feedback'. The main content area features a search box for 'Scientific Name' and a 'Search' button. To the right, there is a section titled 'iDigBio Specimen Portal' with a brief introduction and a link to 'Specimen Records'. Below the search box, there are two pie charts: 'Specimen Records by Collection Type' and 'Media Records by Collection Type'. To the right of these charts, there are three large green boxes displaying record counts: '23,693,666 Specimen Records', '3,419,648 Media Records', and '348 Recordsets'. At the bottom, there are logos for UF Florida, State of Florida, Florida Museum of Natural History, and NSF, along with social media links for Facebook and Twitter, and a footer with terms of use and service level agreement.

Specimen Records by Collection Type

Plants: 16.85 %	Lichens: 5.28 %
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Record Counts

- 23,693,666 Specimen Records
- 3,419,648 Media Records
- 348 Recordsets

Footer: UF Florida, State of Florida, Florida Museum of Natural History, NSF. Like iDigBio on Facebook | Follow iDigBio on Twitter. Use of this website is subject to iDigBio's Terms of Use and Service Level Agreement.

Search Interface

- Portal provides an easy search interface for all indexed data in iDigBio
- A user can search across all fields (full-text search)
- A user can search individual fields (advanced search fields)
- Advanced search fields provide progressive autocompletion (meaning any used fields are taken into account when providing suggestions)
- Lower taxonomy search fields (Family, Genus, Specific Epithet) provide an “Add EOL Synonyms” button for adding synonyms to a users entries utilizing the Encyclopedia Of Life API.

Search Interface

→ Search Records

Full Text Search

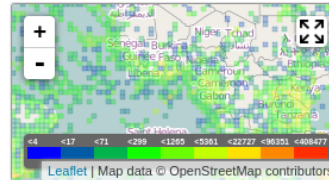
only records with images [Hide Advanced Search](#)

Current Results

Query: Match all. Sort by Genus c

Records: 22,556,636
Approx. Download Time: 4hrs 23mins 9secs

Email:



Advanced Search

<p>Family</p> <input type="text" value="dwc:family"/> <input type="button" value="Add EOL Synonyms"/> What is EOL?	<p>Scientific Name</p> <input type="text" value="dwc:scientificName"/> <input type="button" value="Add EOL Synonyms"/> What is EOL?	<p>Genus</p> <input type="text" value="dwc:genus"/> <input type="button" value="Add EOL Synonyms"/> What is EOL?	<p>Country</p> <input type="text" value="dwc:country"/>	<p>State/Province</p> <input type="text" value="dwc:stateProvince"/>
<input type="checkbox"/> Present <input type="checkbox"/> Missing	<input type="checkbox"/> Present <input type="checkbox"/> Missing	<input type="checkbox"/> Present <input type="checkbox"/> Missing	<input type="checkbox"/> Present <input type="checkbox"/> Missing	<input type="checkbox"/> Present <input type="checkbox"/> Missing

please select Genus Descending [Tips & Hints](#)

Search Matched 22,556,636 Records

Family	Scientific Name	Genus	Country	State/Province	Lat	Lon
Poaceae	×Elymordeum littorale	×Elymordeum	United States	Alaska	61.5	-149.53
Poaceae	×Elymordeum littorale	×Elymordeum	United States	Alaska	61.5	-149.53
Poaceae	×Elymordeum littorale	×Elymordeum	United States	Alaska	61.5	-149.53

Search Results

- Three options to view search results
- A table view with columns that correspond to the advanced search fields (or default columns). Clicking on a row opens a Specimen Record view
- A label view that displays the results with a summary of the record information as well as a thumbnail of any media related to the record. Clicking on a label opens a Specimen Record view
- An Image gallery that displays all images associated with results in a contact sheet view. Clicking on an image opens the associated Media Record view

Search Results

Table view **Label view** Images **Table results** Search Matched 65 Records

Family	Scientific Name ^	Genus	Country	State/Province
Endodontidae	Aadonta	Aadonta	Palau	Ulebsechel Island
Endodontidae	Aadonta	Aadonta	Palau	
Endodontidae	Aadonta	Aadonta	Palau	

Table view **Label view** Images **Label results** Search Matched 3,512,348 Records

<p>"<i>Adlumia fungosa</i> Greene ex Britton, Stern & Poggenb.", Dicotyledonae, Papaverales, Papaveraceae, USA, Connecticut, Lower slope of north side of Bear Mountain, Salisbury, Mt. Riga, Leslie J. Mehrhoff, UConn, CONN</p> 	<p>"<i>Adlumia fungosa</i> Greene ex Britton, Stern & Poggenb.", Dicotyledonae, Papaverales, Papaveraceae, USA, Vermont, Devil's Den, Unknown, UConn, CONN</p> 	<p>"<i>Adlumia fungosa</i> Greene ex Britton, Stern & Poggenb.", Dicotyledonae, Papaverales, Papaveraceae, USA, Connecticut, Mount Tom Pond, E.H. Eames, UConn, CONN</p> 	<p>"<i>Adlumia fungosa</i> Greene ex Britton, Stern & Poggenb.", Dicotyledonae, Papaverales, Papaveraceae, USA, Connecticut, Pistapaug Mountain, Durham, Leslie J. Mehrhoff, UConn, CONN</p> 
<p>"<i>Adlumia fungosa</i> Greene ex Britton, Stern & Poggenb.", Dicotyledonae, Papaverales, Papaveraceae, USA, Connecticut, Wooster Mountain, Leslie J. Mehrhoff, UConn, CONN</p> 	<p>"<i>Adlumia fungosa</i> Greene ex Britton, Stern & Poggenb.", Dicotyledonae, Papaverales, Papaveraceae, USA, Connecticut, Mrs. G. J. Mendel 111 Highland Ave., So. Norwalk, "Wilkinson, A.E.", UConn, CONN</p> 	<p>"<i>Adlumia fungosa</i> Greene ex Britton, Stern & Poggenb.", Dicotyledonae, Papaverales, Papaveraceae, USA, Connecticut, Ashford, Boston Hollow Road, Leslie J. Mehrhoff, UConn, CONN</p> 	<p>"<i>Adlumia fungosa</i> Greene ex Britton, Stern & Poggenb.", Dicotyledonae, Papaverales, Papaveraceae, USA, Connecticut, Roxbury Iron Mine; area Mine Hill, Leslie J. Mehrhoff, UConn, CONN</p> 

Table view **Label view** Images **Image results** Search Matched 749,373 Records

 <p>Acanthonyx petiverii, H. Milne-Edwards</p>	 <p>Acanthopleura granulata, Gmelin</p>	 <p>Acar domingensis, Lamarck</p>	 <p>Acar domingensis, Lamarck</p>	 <p>Achelous sebae, Milne-Edwards</p>
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Search Results

- Previous results can be viewed by using the Query select box to access the users search history
- Any results that contain valid geopoint data are placed in the map box. If results return more than 5,000 geopoints a heat layer is rendered on the map. Less than 5,000 and individual points are rendered. Clustering points also appear to help distinguish points that are close to each other.
- Every result set can be downloaded with our email to download feature. This features provides an estimation of the time it takes to build the download. The user is notified by an email with a download link when the dataset is ready.

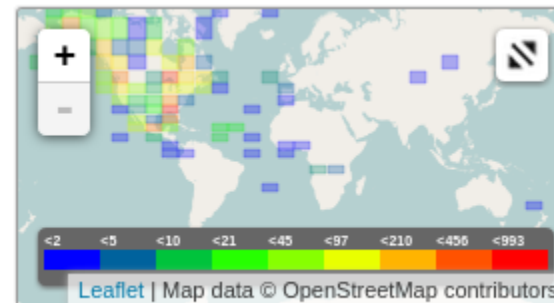
Current Results

Query: Recordset = fccc3c1d-d9d

Records: 22,636

Approx. Download Time: 0hrs 0mins 15secs

Email:



Specimen Record Page

- Specimen records provide all details of the specimen record.
- Record data is separated into a tabbed view for each category of data (Taxonomy, Specimen, Locality, Collection Event, Other)
- All associated media are displayed in thumbnails if available. Each thumbnail links to its own Media Record page
- Valid georeference point (decimal degree lat/lon) is displayed on a map
- Data provider (institution) summary provided with contact information
- Button for viewing raw data
- Button for going to associated Recordset Page

Specimen Record Page



Astrophyton FLMNH, Invertebrate Zoology, 11905-Echinodermata

Taxonomy **Specimen** Collection Event Locality Other


Class	Ophiuroidea
Order	Euryalida
Family	Gorgonocephalidae
Genus	<i>Astrophyton</i>

Go To Recordset View Raw Data

Associated Media

Specimen Georeference



Leaflet | Map data © OpenStreetMap contributors

Record Provided By

invertebratezoology

The UF Invertebrate collection holds ~510,000 databased lots of mollusks and marine invertebrates. It began as a Malacology collection almost 100 years ago and ~85% of the holdings are still mollusks. Since 2000 the collection was expanded to cover all invertebrate phyla, focusing on marine taxa. Today it holds >40,000 species from 28 phyla.

Contacts

Gustav Paulay Curator of Invertebrate Zoology paulay@flmnh.ufl.edu	William Paine IT Director netadmin@flmnh.ufl.edu
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Media Record Page

- Provides a large format view of the media (if its an image) along with metadata associated with image
- Displays the associated specimen record title
- Displays thumbnails of other media associated with its parent specimen record for easy navigation of other media belonging to the same specimen
- Data provider (institution) summary is provided with contact information
- Button for going to associated Specimen Record
- Button for viewing raw data
- Button for going to associated Recordset Page

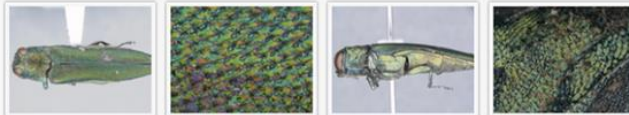
Media Record Page

Media Record: *Agrilus planipennis*



[Download Media File](#)

Other Media



Record Provided By

C.A. Triplehorn Insect Collection (OSUC), Ohio State University

<http://osuc.osu.edu>

Vouchered occurrence records for insects from the C.A. Triplehorn Insect Collection at the Ohio State University.

Contacts

[Go To Specimen Record](#)
[Go To Recordset](#)
[View Raw Data](#)

Media Metadata

Resource Creation	AutoMontage extended-focus imaging
Technique	
Creator	ELIJAH
Identifier	http://bioguid.osu.edu/osuc_occurrence_images/2828
Modified	2014-08-07T11:14:45Z
Rights	Copyright Norman Johnson 2014
Title	Image for occurrence record OSUC 211414
Type of Resource	StillImage
Subtype	Photograph
Credit	Norman Johnson
License Terms	CC-BY-NC-SA
License URL	http://creativecommons.org/licenses/by-nc-sa/3.0/
Published Source	http://specimage.osu.edu/getImageInfo.html?image_id=2828
Caption	head, lateral view
Access URI	http://osuc.osu.edu/spm_images/OSUC_211414/2828_compress.jpg
Format	image/jpeg

Publishers Page

- Provides record count details of all data in the ingestion pipeline per publisher
- Details include record digest counts, api counts and search index counts
- Each individual recordset can be clicked to view the details of the provider information (Recordset page)

Publishers Page

iDigBio Data Publishers

This page shows all iDigBio data contributors. If you are interested in providing data, consult the [data ingestion guide](#) for more information.

	Record Count	Media Record Count
Total from Providers	22,556,733	3,167,330
Total in API	22,606,002	3,232,444
Total Published (all data incorporated in new workflow)	22,605,241	3,231,947
Total Indexed (all data) *	22,605,241	3,231,947

* Data that is marked deleted in iDigBio remains indexed until a cleanup is run.

Publisher Summary

Publisher Name	Record Count			Media Record Count		
	Digest	API	Index	Digest	API	Index
Berkeley Natural History Museums IPT	1,860,584	1,859,985	1,859,985	0	0	0
Florida Museum of Natural History IPT Service	1,047,587	1,047,587	1,047,564	0	0	0
Northern Great Plains Herbaria Darwin Core Archive rss feed	43,012	43,012	43,012	0	0	0
MyCoPortal Darwin Core Archive rss feed	1,679,459	1,679,458	1,679,458	371,346	371,346	371,346
KU Biodiversity Institute IPT	2,010,071	2,011,170	2,011,170	0	0	0
The University of Connecticut Biological Collections	172,098	171,936	171,198	166,689	166,519	166,022
xBioD IPT in the Museum of Biological Diversity at the Ohio State University	521,710	521,782	521,782	2,593	2,593	2,593
CMC_specify	9,131	9,131	9,131	0	0	0
Consortium of North American Bryophyte Herbaria Darwin Core Archive rss feed	1,690,014	1,690,014	1,690,014	816,932	816,932	816,932
Museum of Comparative Zoology, Harvard University	1,736,357	1,736,471	1,736,471	0	0	0
CNALH Darwin Core Archive rss feed	1,232,891	1,232,891	1,232,891	649,241	649,241	649,241
SCAN Darwin Core Archive rss feed	873,024	873,160	873,160	68,696	68,718	68,718
iDigBio Feeder RSS Feed	1,316,574	1,316,574	1,316,574	19,024	19,024	19,024

Recordset Page

- Provides details about the data provider including collection information and contacts
- Displays a table of record counts and percentages of their specimen records that provide specific Darwin Core fields as they are indexed for the portal search
- Button for linking to the search interface with a search on the given recordset
- Button for viewing the raw recordset data

Recordset Page

Recordset: University of Washington Herbarium



herbaria in the region.

The University of Washington Herbarium (also known as WTU) is an international resource for research into the diversity, distribution and ecology of Pacific Northwest vascular plants, non-vascular plants, fungi, lichen, and algae. With over 600,000 specimens currently in the collections and between 5,000-10,000 specimens added annually, WTU is one of the largest herbaria in the region. The University of Washington Herbarium (also known as WTU) is an international resource for research into the diversity, distribution and ecology of Pacific Northwest vascular plants, non-vascular plants, fungi, lichen, and algae. With over 600,000 specimens currently in the collections and between 5,000-10,000 specimens added annually, WTU is one of the largest

Last Update: 2014-06-24

Total Specimen Records: 74,141

Total Media Records: 23,069

Search This Recordset

View Raw Data

Website

<http://www.washington.edu/burkemuseum/collections/herbarium/index.php>

Contacts

egbot@asu.edu

David Giblin, Collections
Manager
wtu@u.washington.edu



Specimen Fields Used for Search

Total Records: 74,141

This table represents the fields in specimen records that are used for iDigBio search. The first column represents the field name and equivalent DWC term. The last two columns represent the number and percentage of records that provide the field.

Field	Records With This Field	(%) Percent Used
Kingdom (dwc:kingdom)	0	0
Phylum (dwc:phylum)	0	0
Class (dwc:class)	0	0
Order (dwc:order)	0	0
Family (dwc:family)	66,675	89.93
Scientific Name (dwc:scientificName)	66,011	89.034
Genus (dwc:genus)	66,004	89.025
Specific Epithet (dwc:specificEpithet)	64,589	87.116
Infraspecific Epithet (dwc:infraspecificEpithet)	3,769	5.084
Higher Taxon (dwc:higherClassification)	0	0
Common Name (dwc:vernacularName)	0	0
Lat (dwc:decimalLatitude)	13,301	17.94
Lon (dwc:decimalLongitude)	13,110	17.683

When you have a moment please give the Portal a try. We welcome and would appreciate any feedback.

Feedback can be sent through our feedback page www.idigbio.org/contact

Thank You!



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vimeo.com/idigbio



idigbio.org/rss-feed.xml



webcal://www.idigbio.org/events-calendar/export.ics