Cost-free Data Management with Symbiota-based Portals

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Integrated Digitized Biocollections
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Choices…..

Excel (or other spreadsheet)

Microsoft Access

Specify

Symbiota

Symbiota Promoting Bio-Collaboration

Advantages

- Built on MySQL (relational)
- Easy to use
- Long history
- Open source
- No installation
- Web based: managing and serving data
- Supports images
- Free
- Powerful data management tools
- Georeferencing tools
- Direct data mobilization to iDigBio
- Easy to use
- Intuitive
- Built-in OCR
- Allows multiple users from remote locations
- Easy to use

iDigBio Integrated Digitized Biocollections

Symbiota Promoting Bio-Collaboration

- SYMBIOTA INTRODUCTION
- ACTIVE SYMBIOTA PROJECTS
- SPECIMEN SEARCH ENGINE
- INVENTORIES
- IDENTIFICATION KEYS
- IMAGE LIBRARY
- DATA MANAGEMENT
- MEETINGS / PRESENTATIONS
- SYMBIOTA WORKSHOPS
- GOOGLE GROUP

SYMBIOTA INTRODUCTION

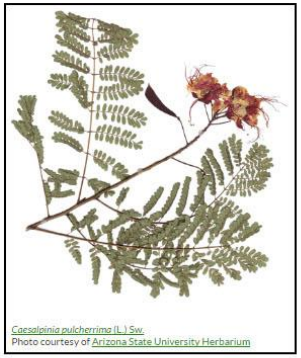
In this quickly changing world, there has developed a great necessity to learn about our world-wide biota at an increased rate. Scientists are predicting that future species declines will approach historical mass extinction levels within this century. We need to develop better tools to aid taxonomists, field biologists, and environmental educators. It is imperative that we increase our rate of conducting biological inventories, especially within the tropics, as well as steering youth toward becoming our future scientists. Symbiota web tools strive to integrate biological community knowledge and data in order to synthesize a network of databases and tools that will aid in increasing our overall environmental comprehension.

The Symbiota Software Project is working toward building a library of webtools to aid biologists in establishing specimen-based virtual floras and faunas. The effort typically needed in building a quality virtual flora/fauna is usually underestimated. Writing the software, compiling the data, and curating the data relationships are each capable of overwhelming a project. The complexity of each of these tasks has shown that collaborative efforts are needed to build quality virtual flora or fauna of any significant taxonomic and geographic scope. The central premise of this open source software project is that through a partnership between software engines and the scientific community, higher quality and more publicly useful biodiversity portals can be built. An open source software framework allows the technicians to create the tools, thus freeing the biologist to concentrate their efforts on the curation of quality datasets. In this manner, we can create something far greater than a single entity is capable of doing on their own.

An overview of Symbiota's functions and impact was published by Gries, Gilbert & Franz. 2014. Biodiversity Data Journal 2: e1114.

To learn more about the features found within the Symbiota Network, view our online webinars.

To stay connected with other Symbiota users, join the Symbiota Google Group.



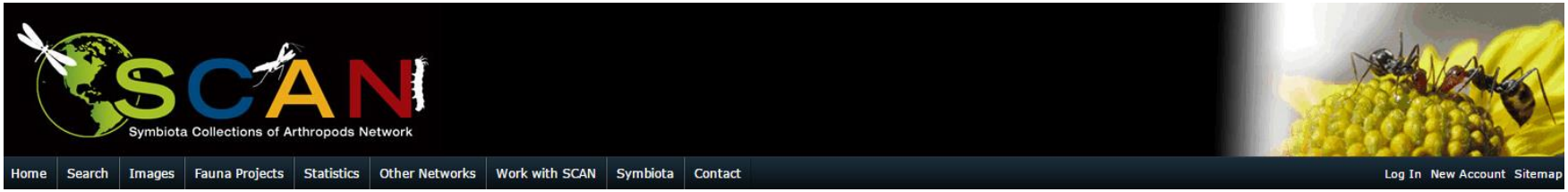
Caesalpinia pulcherrima (L.) Sw.
Photo courtesy of Arizona State University Herbarium

http://symbiota.org/docs/

Symbiota is software that supports portals, not a portal itself

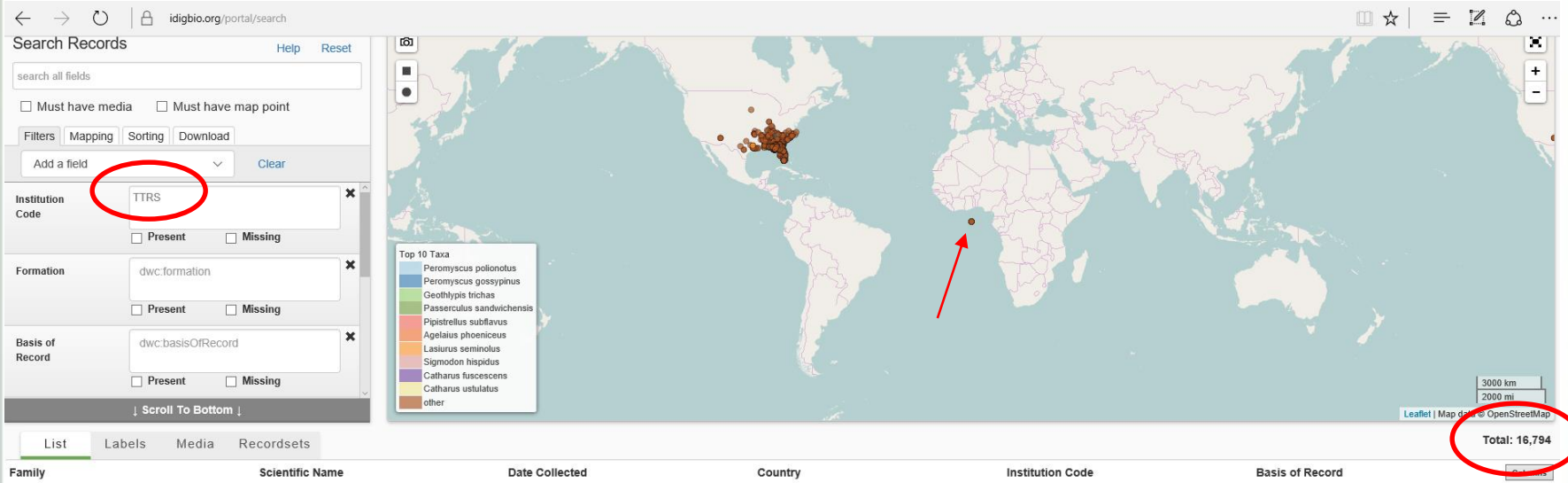
iDigBio Integrated Digitized Biocollections

Three options especially suited to field stations and other smaller collections



All accessible from the online agenda

Data from all of these portals are published and harvested by iDigBio



Family	Scientific Name	Date Collected	Country	Institution Code	Basis of Record	
Cyperaceae	Abildgaardia ovata	1974-10-25	United States	TTRS	PreservedSpecimen	view
Fabaceae	Abrus precatorius	*no data*	United States	TTRS	PreservedSpecimen	view
Fabaceae	Acacia farnesiana	*no data*	United States	TTRS	PreservedSpecimen	view
Fabaceae	Acacia farnesiana	*no data*	United States	TTRS	PreservedSpecimen	view
Fabaceae	Acacia farnesiana	*no data*	United States	TTRS	PreservedSpecimen	view
Euphorbiaceae	Acalypha gracilens	2015-06-06	United States	TTRS	PreservedSpecimen	view
Euphorbiaceae	Acalypha gracilens	*no data*	United States	TTRS	PreservedSpecimen	view
Euphorbiaceae	Acalypha gracilens	*no data*	United States	TTRS	PreservedSpecimen	view
Euphorbiaceae	Acalypha gracilens	*no data*	United States	TTRS	PreservedSpecimen	view
Euphorbiaceae	Acalypha gracilens	*no data*	United States	TTRS	PreservedSpecimen	view
Euphorbiaceae	Acalypha gracilens	*no data*	United States	TTRS	PreservedSpecimen	view
Euphorbiaceae	Acalypha ostryifolia	*no data*	United States	TTRS	PreservedSpecimen	view
Euphorbiaceae	Acalypha ostryifolia	*no data*	United States	TTRS	PreservedSpecimen	view

Consortium of Small Vertebrate Collections

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Consortium of Small Vertebrate Collections

The Consortium of Small Vertebrate Collections is a growing network of research, academic, and museum institutions focused on the study of birds, mammals, fish, amphibians, and reptiles. It is a collaborative venture of iDigBio and Arizona State University and provides a mechanism for network members to manage and share biodiversity data to scientists and the general public. Participating institutions are afforded sophisticated online data management tools without the need for onsite IT support.

Mammal of the Day

What is this mammal?
Click here to test your knowledge

Reptile of the Day

What is this reptile?
Click here to test your knowledge

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ASU

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- ☑ Arizona State University Hasbrouck Insect Collection (ASU-Entomology) more info
- ☑ Arizona State University Herpetology Collection (ASU-ASUHEC) more info
- ☑ Arizona State University Ichthyology Collection (ASU-ASUFISH) more info
- ☑ Arizona State University Mammal Collection (ASU-ASUMAC) more info
- ☑ Brigham Young University Mammal Collection (MLB-Mammal) more info
- ☑ Museo de Zoología, Universidad de Puerto Rico, Río Piedras (UPRRP-MZUPRRP) more info
- ☑ Sam Noble Oklahoma Museum of Natural History - Herpetology collection (OU-Herpetology) more info
- ☑ Sam Noble Oklahoma Museum of Natural History - Ornithology (OU-ornithology) more info
- ☑ Tall Timbers Research Station - Mammals (TTRS-Mammals) more info
- ☑ Tall Timbers Research Station - Ornithology (TTRS-Ornithology) more info
- ☑ University of Arizona Mammal Collection (UA-Mammals) more info
- ☑ University of Central Oklahoma Collection of Vertebrates (UCOCV-MAM) more info
- ☑ University of Michigan Museum of Zoology (UMMZ-UMMZ) more info

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- ☑ Ajos-Bavispe National Forest and Wildlife Refuge (Ajos-Bavispe) more info
- ☑ Arizona State University Herpetology Photo Observations (ASU-ASUHP) more info
- ☑ Comisión Nacional para el Conocimiento y Uso de la Biodiversidad (CONABIO) more info

Details | Comments | Linked Resources

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TTRS : Ornithology

Tall Timbers Research Station - Ornithology

Catalog #: TTRS03047O
Occurrence ID (GUID): 0f9f8028-459d-4f69-8817-830754cc2ba8
Secondary Catalog #: 3047
Taxon: *Icterus pectoralis* (Wagler, 1829)
Family: Icteridae
Taxon Remarks: Spot-breasted Oriole
ID Remarks: AOU #: 503.2
Collector: Stevenson, H.M. FSU 6842a
Date: 00 March 1962
Verbatim Date:1962-3
Locality: UNITED STATES, Florida, Dade, N. Miami

Specimen Images


Large Version


Large Version


Large Version

Usage Rights: CC0 1.0 (Public-domain)

Record Id: 0f9f8028-459d-4f69-8817-830754cc2ba8

For additional information on this specimen, please contact: ()

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Westcott® R405-6" China
No. Miami, Fla.
Prep. - Henry M. Stevenson
TL - 8.5 in.
Testes minute

iDigBio

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