



Sign me up!

10 steps to get involved in iDigBio

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Step 1: Attend and participate in the annual ADBC Summit!



2016 Annual Summit
Chattanooga, TN
November 1-3, 2016



Step 2: Sign up for an account!



The screenshot shows the iDigBio website homepage. At the top, there is a navigation bar with links for 'About iDigBio', 'Research', 'Technical Information', and 'Education'. A search bar with 'Google™ Custom Search' and a 'Search' button is present, along with 'Log In | Sign Up' links. The main banner features a background image of biological specimens and text: 'Making data and images of millions of biological specimens available on the web'. To the right, statistics are displayed: 72,939,744 Specimen Records, 16,391,863 Media Records, and 831 Recordsets. A large hand icon points to the 'Sign Up' link. Below the banner, there are five main categories: Digitization, Sharing Collections, Working Groups, Proposals, and Citizen Scientists. At the bottom, there are sections for 'Researchers', 'Collections Staff', and 'Teachers & Students', each with a right-pointing arrow. An 'Upcoming Events' section lists 'iDigBio Summit VI' and 'She's a Scientist'. A 'Data Without Borders' section is partially visible at the bottom right, featuring a word cloud.

About iDigBio | Research | Technical Information | Education

Google™ Custom Search Search Log In | Sign Up

72,939,744
Specimen Records

16,391,863
Media Records

831
Recordsets

[Search the Portal](#)

Why digitization matters
More about what we do and why

Digitization
Learn, share and develop best practices

Sharing Collections
Documentation on data ingestion

Working Groups
Join in, contribute, be part of the community

Proposals
New tool and workshop ideas

Citizen Scientists
How can you help biological collections?

Researchers
Learn about research directions →

Collections Staff
Learn how your collection can benefit from our work →

Teachers & Students
Download lesson plans about using digitized specimens →

Upcoming Events

iDigBio Summit VI
11-01-2016 to 11-03-2016

She's a Scientist
11-13-2016

Data Without Borders

investigate future
Biodiversity specimens

Global worth
Assets discern Database Skills outreach
preventive the Digitizing legacy of
management meaningful label preservation
DNA-barcoding and undergraduates Cycles Hymenoptera natural
analysis Acquisition investigation future network species data
Effectiveness Digital systematics

Step 3: Sign up for the iDigBio Newsletter

<https://www.idigbio.org/newsletter-subscribe>



About iDigBio | **Research** | **Technical Information** | **Education**

Google™ Custom Search [My account](#) [Log out](#)

iDigBio e-Newsletter Signup

Researchers
Browse our specimen portal →

Collections Staff
Learn how your collection can benefit from our work →

Teachers & Students
Learning resources & opportunities to engage →

Subscribe to iDigBio's newsletter

 [printer-friendly version](#)

Biodiversity Spotlight
Research Spotlight

View this email in your browser

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The iDigBio Spotlight

October 2016

Photo courtesy of Zachary Randall

This month's banner features a cleared and stained Bowfin (*Ameioba calva*).
Read more in the [Biodiversity Spotlight](#).

New Video Released: Why Digitize?

A new video created by the iDigBio team (with special thanks to Randal Singer) explains what natural history collections have to offer, what digitization is, and how NSF's Advancing Digitization of Biodiversity Collections program is opening the door to thousands of collections.

Step 4: Social media



facebook

Email or Phone Password

Forgot account?

iDigBio
@iDigBio

Home
About
Photos
Reviews

Like Message Share More



Feed Library

iDigBio Public Library
In this group: 182 papers · 6 members

Mendeley Biological Sciences Groups



Home Moments

Search Twitter Have an account? Log in

TWEETS 912 FOLLOWING 278 FOLLOWERS 1,824 LIKES 92 LISTS 1

Follow

Tweets Tweets & replies Media

iDigBio Retweeted

SI Transcription Ctr @TranscribeSI · Oct 21
We are here w @NMNH #Paleobiology team Kathy Hollis, Paleobio Collections Manager & Holly Little, Paleobio Informatics specialist #WeDigBio

 vimeo.com/idigbio

 idigbio.org/rss-feed.xml

 idigbio.org/events-calendar/export.ics

 iDigBio Public Library

www.idigbio.org/Wiki

Step 5: Get involved with a Community Working Group



iDigBio
Integrated Digitized Biocollections

About iDigBio | Research | Technical Information | Education | Log Out

iDigBio Home | Wiki | Working Groups | Workshops | Wiki Formatting Help

Grungle | Talk | Preferences | Watchlist | Contributions

Discussion | Read | Edit | Delete | Move | Protect | Search

iDigBio Working Groups

Contents [hide]

- 1 Overview
- 2 Forming or Dissolving a Working/Interest Group
- 3 Active Working Groups
 - 3.1 Augmented Reality Public Education/Outreach Working Group (ARPEO)
 - 3.2 Augmenting OCR (aOCR)
 - 3.3 Biodiversity Informatics Management (BIM) Working Group
 - 3.4 Cyberinfrastructure (CYWG)
 - 3.5 Data Management Interest Group (DMI)
 - 3.6 Developing Robust Object to Image to Data (DROID1)
 - 3.7 Developing Robust Object to Image to Data (DROID2)
 - 3.8 Developing Robust Object to Image to Data (DROID3): Things in Spirits
 - 3.9 Developing Robust Object to Image to Data (DROID4): 3D objects in Trays
 - 3.10 Education & Outreach (E&O)
 - 3.11 Fluid-preserved Arthropod and Microscopic Slide Imaging Interest Group
 - 3.12 Georeferencing Working Group (GWG)
 - 3.13 International Whole-Drawer Digitization Interest Group (WDD)
 - 3.14 Interoperability for Public Participation in Digitization (CitSciInterop)
 - 3.15 North American Network of Small Herbaria Working Group (NANSW)
 - 3.16 Outlier Detection and Documentation by Collectors Working Group (ODD Collectors)
 - 3.17 Paleo Digitization Working Group (PaleoDigi)
 - 3.18 Project Management Interest Group (PMIG)
 - 3.19 Sustainability Working Group (SWG)
 - 3.20 Symbiota Working Group (SWG)
 - 3.21 User Engagement for Public Participation in Digitization (CitSciEngage)
 - 3.22 Website Content Providers Editorial Board and Interest Group

FEEDBACK



Documentation
API development
Workflows
Standards
Best practices
Hackathons
Workshops, Webinars



Step 6: Sign up for a workshop, or propose one!



The screenshot shows the iDigBio Wiki page for 'iDigBio Workshops'. A hand icon points to the title. The page includes a navigation menu on the left, a search bar, and a table of workshop documentation. A 'FEEDBACK' button is visible on the right side of the page.

Date	Workshop Name (Calendar Announcement)	Brief Summary	Links
12/05/2016 - 12/06/2016	Incorporating K-12 Outreach Into Digitized Collections Programs	This workshop will provide an opportunity for experts in both collections and K-12 education to interact, share knowledge, discuss challenges and issues, and ultimately collaborate on a best practices document that can be shared with the greater collections community.	• K-12 Workshop Wiki
11/01/2016 - 11/03/2016	iDigBio Summit VI	The annual iDigBio Summit is a meeting of representatives from TCNs, iDigBio, and other activities related to the U.S. National Science Foundation's Advancing Digitization of Biodiversity Collections (ADBC) program. The Summit focuses on discussions of shared goals, challenges, opportunities, and collaboration. More details and information will be disseminated as we develop the agenda.	• Summit VI Wiki
10/04/2016 - 10/07/2016	Georeferencing for Research Use, a short	Our focus in this short course is on research use of georeferenced natural history collections data. We will include activities and discussions about best practices and	• Workshop Wiki



Proposals
New tool and workshop ideas



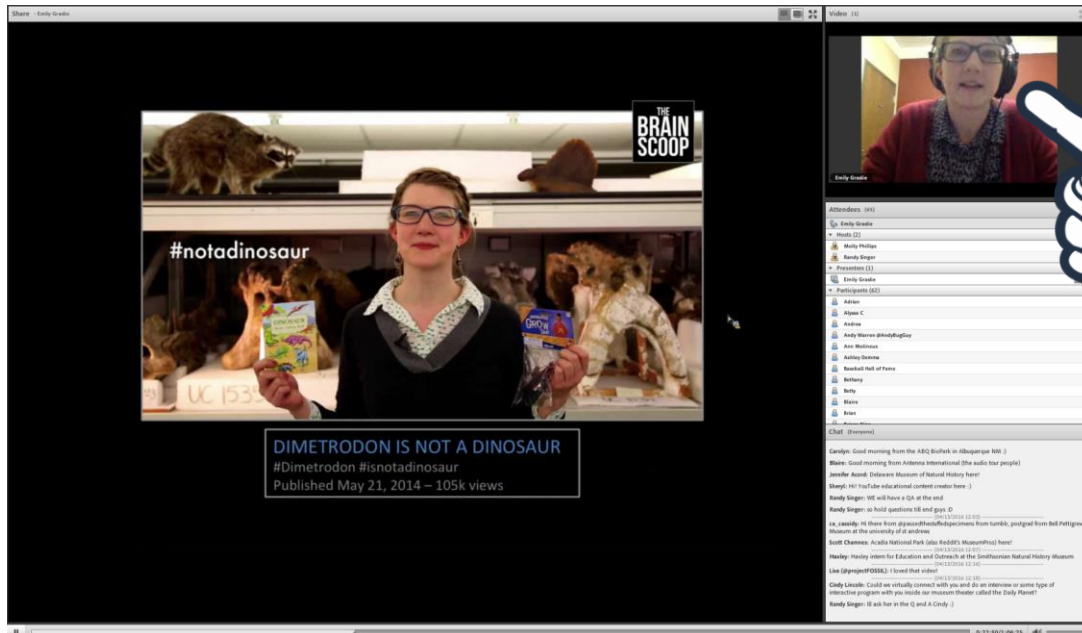
<https://www.idigbio.org/content/workshop-proposal>

Step 7: Watch a webinar...or star in one!

Adobe Connect

<https://www.idigbio.org/tags/webinar>

https://www.idigbio.org/wiki/index.php/Web_Conferencing

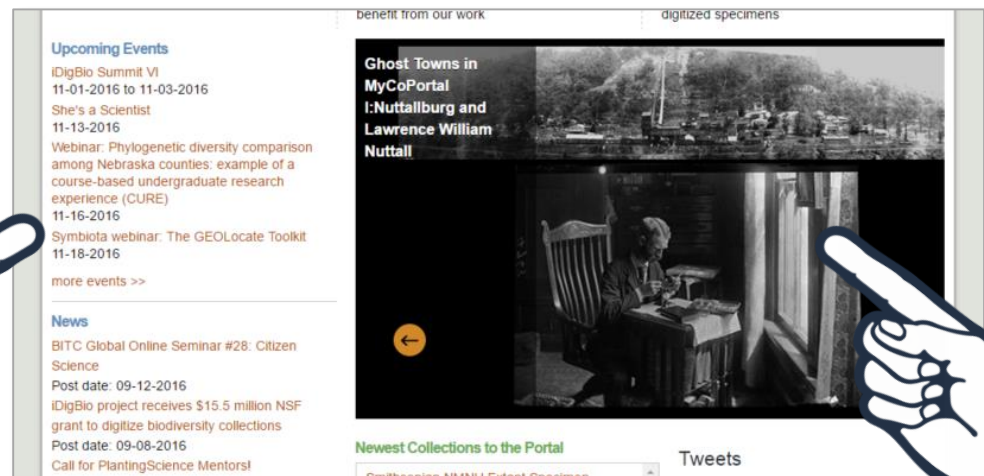
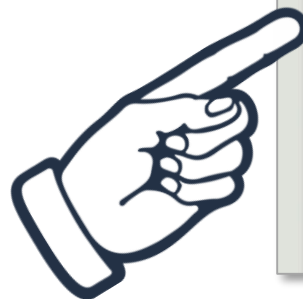


Workshops
Symposia
Webinars

Be like Emily: get a headset preferably with a microphone!

Step 8: Contribute to the iDigBio website or wiki

- Submit an article for the **Research Spotlight**
- Write an article about **your project**
- Contribute your **workflows**
- **Update** your individual TCN wiki pages
- Write about your **iDigBio experience**
- **Post an event**



benefit from our work | digitized specimens

Upcoming Events

iDigBio Summit VI
11-01-2016 to 11-03-2016

She's a Scientist
11-13-2016

Webinar: Phylogenetic diversity comparison among Nebraska counties, example of a course-based undergraduate research experience (CURE)
11-16-2016

Symbiota webinar: The GEOLocate Toolkit
11-18-2016

[more events >>](#)

News

BITC Global Online Seminar #28: Citizen Science
Post date: 09-12-2016

iDigBio project receives \$15.5 million NSF grant to digitize biodiversity collections
Post date: 09-08-2016

[Call for PlantingScience Mentors!](#)

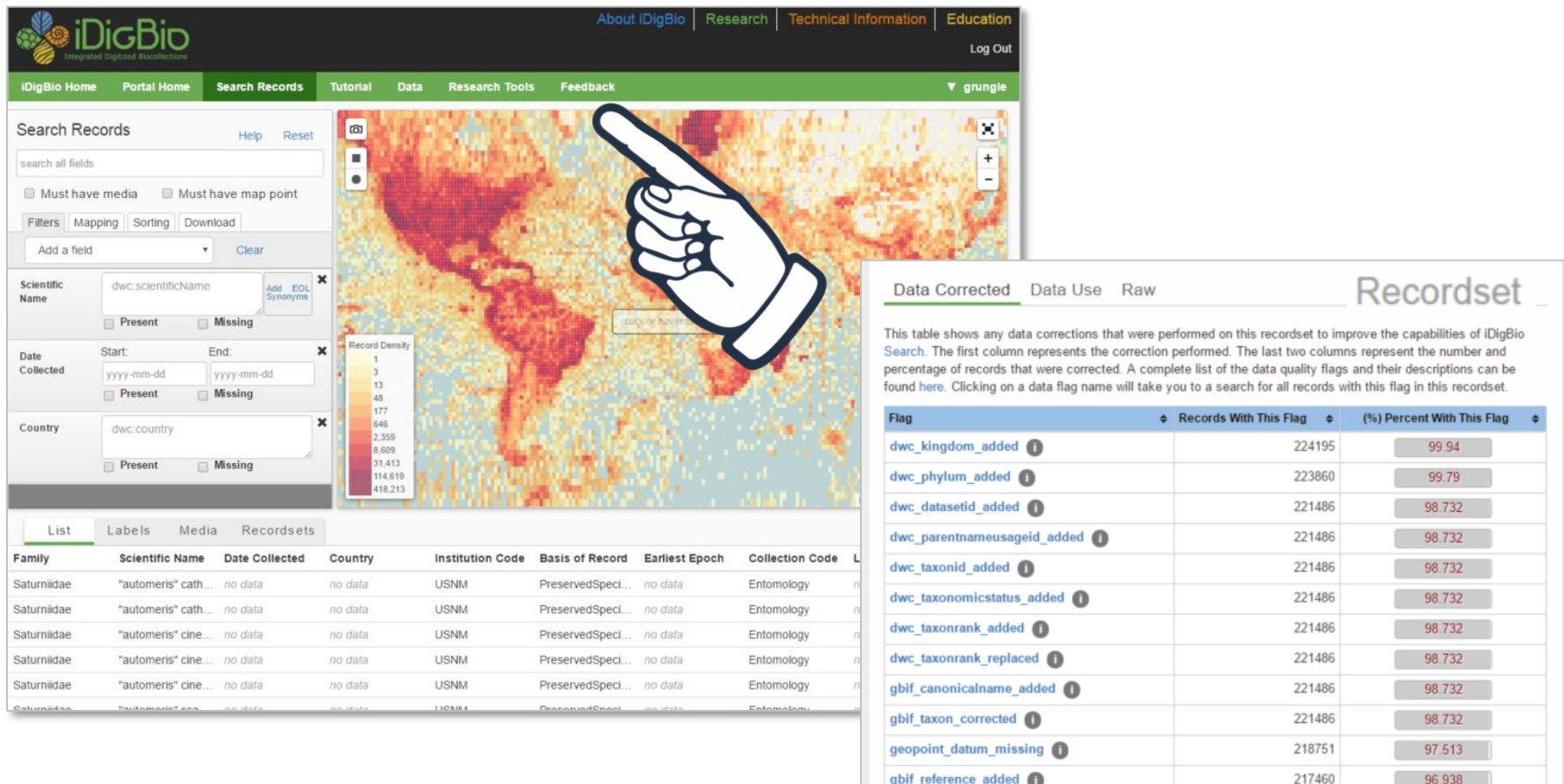
Ghost Towns in MyCoPortal: Nuttallburg and Lawrence William Nuttall

Newest Collections to the Portal | Tweets

Smithsonian NMNH Extant Specimen



Step 9: Use the portal for research and data cleaning – feedback!



The screenshot displays the iDigBio portal interface. On the left, the 'Search Records' section includes filters for 'Must have media', 'Must have map point', and various search criteria like 'Scientific Name', 'Date Collected', and 'Country'. A heatmap visualization shows record density across a geographic area, with a hand icon pointing to a specific location. Below the heatmap is a table of search results with columns for Family, Scientific Name, Date Collected, Country, Institution Code, Basis of Record, Earliest Epoch, and Collection Code.

On the right, the 'Recordset' table shows data corrections. The table has columns for Flag, Records With This Flag, and (%) Percent With This Flag. The data is as follows:

Flag	Records With This Flag	(%) Percent With This Flag
dwc_kingdom_added	224195	99.94
dwc_phylum_added	223860	99.79
dwc_datasetid_added	221486	98.732
dwc_parentnameusageid_added	221486	98.732
dwc_taxonid_added	221486	98.732
dwc_taxonomicstatus_added	221486	98.732
dwc_taxonrank_added	221486	98.732
dwc_taxonrank_replaced	221486	98.732
gbif_canonicalname_added	221486	98.732
gbif_taxon_corrected	221486	98.732
geopoint_datum_missing	218751	97.513
gbif_reference_added	217460	96.938

Step 10: Collaborate!



Researchers

Browse our specimen portal



Collections Staff

Learn how your collection can benefit from our work



Teachers & Students

Learning resources & opportunities to engage



iDigBio Collaborations Enabling Research

To facilitate the study of biodiversity, a number of software products are being collaboratively developed with researchers and projects. These websites, tools, and workflows take advantage of the data being digitized at US and global institutions and made available by iDigBio through our [data services](#). Many other tools and services can be found through the [Biodiversity Catalogue](#). If you have a great idea for using iDigBio data and web services, [get in touch with us](#) or [submit a proposal!](#)



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riDigBio: an R interface to the iDigBio Data API

Familiar with R? The [riDigBio](#) package is a great way to interface with the data shared by iDigBio. Contributions to this R package can be made via [GitHub](#).





Get involved!



idigbio.org/wiki



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twitter.com/iDigBio



vimeo.com/iDigBio



idigbio.org/rss-feed.xml



idigbio.org/events-calendar/export.ics

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do you?