

Workshop and Web Resources Review and Stakeholder Input

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Summit III

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Stakeholders - that's you

- Workshop (and Working / Interest Groups)
 - rationale for, how to propose one
 - review of past and proposed
 - current trends
 - your thoughts, your vision?
- Web / Community Resources
 - what's there?
 - how can you add to it?
 - what shall we tackle next?
- Google Doc <http://tinyurl.com/idbs3workshops>

Ten Thematic Collections Networks (TCNs) plus several Partner to Existing Networks (PENs) + RDCNs!

- **InvertNet**: An Integrative Platform for Research on **Environmental Change, Species Discovery** and Identification (Illinois Natural History Survey, University of Illinois) <http://invertnet.org>
- **Plants, Herbivores, and Parasitoids**: A Model System for the Study of **Tri-Trophic Associations** (American Museum of Natural History) <http://tcn.amnh.org>
- North American **Lichens and Bryophytes: Sensitive Indicators** of Environmental Quality and Change (University of Wisconsin – Madison) <http://symbiota.org/nalichens/index.php>
<http://symbiota.org/bryophytes/index.php> (plus 2 PENs)
- Digitizing **Fossils** to Enable **New Syntheses in Biogeography** - Creating a PALEONICHES-TCN (University of Kansas)
- The **Macrofungi** Collection Consortium: Unlocking a Biodiversity Resource for Understanding **Biotic Interactions**, Nutrient Cycling and Human Affairs (New York Botanical Garden)
- Mobilizing New England **Vascular Plant** Specimen Data to **Track Environmental Change** (Yale University)
- Southwest Collections of **Arthropods** Network (SCAN): A Model for Collections Digitization to Promote **Taxonomic and Ecological Research** (Northern Arizona University)
<http://hasbrouck.asu.edu/symbiota/portal/index.php>
- **Fossil Insect** Collaborative: A Deep-Time Approach to **Studying Diversification** and Response to Environmental Change
- Collaborative Research: Digitization TCN: Developing a Centralized Digital Archive of **Vouchered Animal Communication Signals**
- The **Macroalgal** Herbarium Consortium: Accessing 150 Years of Specimen Data to Understand Changes in the **Marine/Aquatic Environment**

Workshops

2011 – 2012, 2012 – 2013, 2013 – 2014, 2014 – 2015...

Workshop / Conference 2011 - 2012	Dates	Location
FLMNH ButterflyFest	Oct 22-23, 2011	Gainesville, FL (UF)
iDigBio Summit I	Nov 29 - Dec 1, 2011	Gainesville, FL (UF)
IT Standards Workshop	Mar 28-30, 2012	Gainesville, FL (UF)
FLMNH Earth Day	Apr 21, 2012	Gainesville, FL (UF)
Paleocollections Workshop	Apr 27-28, 2012	Gainesville, FL (UF)
DROID Workshop	May 30-31, 2012	Gainesville, FL (UF)

Workshop / Conference	Dates	Location
2012 - 2013		
Workshop & Symposium at Botany 2012	Jul 11-12, 2012	Columbus, OH
Plant Collections Digitization Workshop	Sep 17-18, 2012	Valdosta, GA (VSU)
Public Participation Workshop	Sep 28-29, 2012	Gainesville, FL (UF)
OCR Working Group Workshop	Oct 1-2, 2012	Gainesville, FL (UF)
Georeferencing TTT#1 Workshop	Oct 8-12, 2012	Gainesville, FL (UF)
FLMNH ButterflyFest	Oct 13-14, 2012	Gainesville, FL (UF)
iDigBio Summit II	Oct 23-24, 2012	Gainesville, FL (UF)
OCR Hackathon & iConference Workshop	Feb 11-15, 2013	Ft. Worth, TX (BRIT)
Wet Collections Digitization Workshop	Mar 5-6, 2013	Lawrence, KS (KU)
Georeferencing Materials Development	Mar 20-21, 2013	Gainesville, FL (UF)
NSF Site Visit to iDigBio	Apr 4-5, 2013	Gainesville, FL (UF)
Symposium at ASB 2013	Apr 12, 2013	Charleston, WV
FLMNH Earth Day	Apr 20, 2013	Gainesville, FL (UF)
Entomology Digitization Workshop	Apr 24-25, 2013	Chicago, IL (Field)
iDigBio Retreat	May 6-7, 2013	Tallahassee, FL (TTRS)
Symposium & Demo Camp at SPNHC 2013	Jun 20-21, 2013	Rapid City, SD

Workshop / Conference	Dates	Location
2013 – 2014 Part One		
Botany 2013 - 3 Symposia	Jul 27-31, 2013	New Orleans, LA
Georeferencing TTT#2 Workshop	Aug 12-16, 2013	Gainesville, FL (UF)
Progressive Specify Workshop	Aug 12-16, 2013	Lawrence, KS (KU)
Sustainability Working Group Workshop	Aug 21-23, 2013	Washington, DC
Invertebrate Imaging Workshop	Sep 16-18, 2013	Ann Arbor, MI (U-M)
Paleo Digitization Workshop	Sep 23-26, 2013	New Haven, CT (Yale)
Symposium at NEON Meeting	Oct 1-2, 2013	Gainesville, FL (UF)
FLMNH ButterflyFest	Oct 19-20, 2013	Gainesville, FL (UF)
TDWG 2013 - Symposia & Keynote	Oct 27-31, 2013	Florence, Italy
Nat'l Association of Science Writers	Nov 1, 2013	Gainesville, FL (UF)
UF Dept. Biology Seminar	Nov 5, 2013 @ 3:30pm	Gainesville, FL (UF)
Summit III	Nov 19-20, 2013	Tallahassee, FL (FSU)
Mobilizing Small Herbaria	Dec 9-11, 2013	Tallahassee, FL (FSU)
Notes from Nature Hackathon	Dec 16-20, 2013	TBD
Education & Outreach Workshop	Jan 16-17, 2014	Gainesville, FL (UF)

Workshop / Conference 2013 – 2014 Part Two	Dates	Location
Broadening Diversity Workshop	Feb 1, 2014	Orlando, FL (UCF)
NAPC Symposium	Feb 15-18, 2014	Gainesville, FL (UF)
Original Source Materials Workshop	Mar 9-12, 2014	New Haven, CT (Yale)
Florida Academy of Sciences Meeting	Mar 7-8, 2014	Ft. Pierce, FL
Digitization in the South Pacific Workshop	Mar 25-27, 2014	Honolulu, HI
Data Modeling Workshop	Mar 24-25, 2014	Honolulu, HI
LEEF 2014 Conference	March 21-23, 2014	Ocala, FL
Small Collections Workshop	Apr 7-10, 2014	Michigan (CMU)
FLMNH Earth Day	Apr 19, 2014	Gainesville, FL (UF)
USA Science & Engineering Fair	Apr 25-27, 2014	Washington, D.C.
Workshop at TORCH 2014	May 2014	TBD
Natural History Collections Symposium	May 5-6, 2014	Gainesville, FL (UF)
Specify for Paleo Collections Workshop	May 19-23, 2014	Lawrence, KS (KU)
Paleo Imaging Workshop	April 29-May 1, 2014	University of Texas

Workshop / Conference	Dates	Location
2014 – 2015 and TBD		
North American Network of Small Herbaria Workshop	Jul 31, 2014	Boise, ID
Public Participation Workshop	Sep 2014	TBD
iDigBio Workshop at SPNHC 2015	May 17-23, 2015	Gainesville, FL (UF)
Leverging Digitization Processes across Domains	October 7-8, 2014	Santa Barbara, CA
Broadening Diversity Workshop	TBD	TBD
Broadening Diversity Workshop	TBD	TBD
Linked Data Workshop	TBD	TBD
Biodiversity Informatics Workshop	TBD	TBD
iDigBio Open House	TBD	Gainesville, FL (UF)

Current Working / Interest Groups



Current Working / Interest Groups

- Augmenting [OCR](#) (aOCR) Working Group
- [Biodiversity Informatics](#) Management Working Group
- [Cyberinfrastructure](#) (CYWG)
- Developing Robust Object to Image to Data [Workflows](#) (DROID1): Flat Things
- Developing Robust Object to Image to Data Workflows (DROID2): Pinned Things
- Developing Robust Object to Image to Data Workflows (DROID3): Things in Spirits
- Developing Robust Object to Image to Data Workflows (DROID4): 3D Objects in Drawers
- [Education](#) and [Outreach](#)
- Fluid-preserved Arthropod and Microscopic [Slide Imaging Interest](#) Group
- [Georeferencing](#) Working Group (GWG)
- International [Whole-Drawer Digitization Interest](#) Group (WDD)
- Minimum [Information Standards](#), Authority Files, & Semantics (MISC)
- Paleo Digitization Working Group
- [Paleontology](#) Working Group
- [Public Participation](#) in Digitization Working Group
- [Small Herbarium Interest](#) Group
- [Small Collections Network](#) (SCNet)
- [Strategic Communication Interest](#) Group
- [Website Content Providers](#) Editorial Board and Interest Group

iDigBio Digitization Resources (iDigBio Wiki)

- 1 iDigBio
- 2 Interest/Working Groups
- 3 Digitization Workshop Wikis
- 4 Workshop Summaries
- 5 General Digitization Resources
- 6 Leveraging the Library and Other Institutional Resources
- 7 Example Digitization Protocols
- 8 Imaging Documents and Resources
- 9 Image File Types and File Specifications
- 10 Imaging Station Equipment and Specifications
- 11 3D Imaging and 3D Printing Resources
- 12 Camera Manuals & Specifications
- 13 Links to Workflows--iDigBio and Elsewhere
- 14 Workflows and Protocols
- 15 Georeferencing Resources
- 16 Database Resources and Tools
- 17 Identifiers
- 18 Videos

Workflows and
Protocols

Digitization Resources Home

Digitization Resources Home

[iDigBio's Collaborative Workflows Page](#)

Your
Contributions
Please

Herbarium Digitization Workflows and Protocols

- [Florida State University Herbarium Imaging Protocol](#)
- [Valdosta State University Herbarium \(VSC\) Vascular Plant Imaging Protocol](#)
- [Valdosta State Herbarium \(VSC\) Bryophyte Packet Imaging Protocol](#)
- [Valdosta Herbarium image processing with Nikon Dust Off process included](#)
- [Consortium of Pacific Northwest Herbaria imaging workflows](#)
- [Imaging Plants, E-Type Initiative, Harvard](#)
- [Bryophyte/Lichen Data and Image Capture Workflows \(LBCC Thematic Collections Network\)](#)
- [STAR Herbarium Digitization Workflow \(Kari Harris, Arkansas State University\)](#)

Invertebrate Digitization Workflows and Protocols

- [A Guide to Digitizing Insect Collections \(MCZ Entomology Type Image Project\)](#)
- [South Australian Museum Procedures Manual Supplement: Macrophotography](#)
- [South Australian Museum Procedures Manual Supplement: Microphotography](#)
- [Preparing Insect Specimens, E-type Initiative at Harvard](#)
- [Imaging Insect Specimens, E-Type Initiative at Harvard](#)
- [Leica Application Suite Imaging Manual, Field Museum of Natural History, Gracen Brilmyer](#)

Vertebrate Digitization Workflows and Protocols

Paleontology Digitization Workflows and Protocols

- [Paul Selden's workflow \(including hardware and software notes\) for imaging fossil spiders](#)

idigbio.org > resources > workshop proposal



The screenshot displays the iDigBio website interface. At the top left is the iDigBio logo with the tagline 'Integrated Digitized Biocollections'. To the right, an orange box shows '3,163,212 Specimen Records'. Below the logo is a search bar with the text 'Search the specimen portal:' and a 'Portal Search' button. A navigation bar at the bottom contains links: Home, About, Collaborator Map, Collaborators, Education, Resources, News, and Research. The 'Resources' dropdown menu is open, listing: Documentation, Bibliography, Wiki, Forums, Appliance Proposal, Working Groups, Workshop Proposal (highlighted in blue), and Workshop Summaries. A photograph of a group of people is visible in the lower-left corner of the page content.

Up for discussion



Workshop / Working Group / Resources Review and Road Map

- where workshop ideas originate
- review of past and upcoming workshops
 - Output (13)
 - Training (15)
 - Education & Outreach (9)
- ideas in the hopper
- how to add yours
- what's needed?

Your input – Your vision



Future Workshops

- 2 – 5 year goals
- topics
- size
- location
- format/s
- attendee / invitee suggestions
- diversity
- remote attendance (MOOC)
- recordings
- pre-workshop meetings

Resources

- Community Connectivity
 - status
 - needs
- Working / Interest Groups
 - current status
 - needs
 - 2 – 5 year goals
- Web Resources
 - use
 - needs