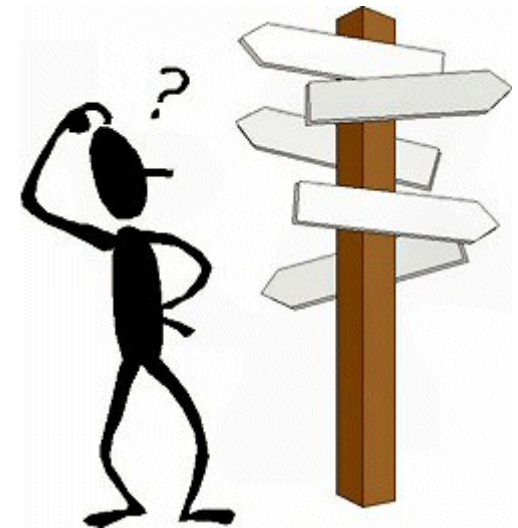# iDigBio Working and Interest Groups, present and future

ADBC Summit VI, working groups round II
Deborah Paul, Florida State University
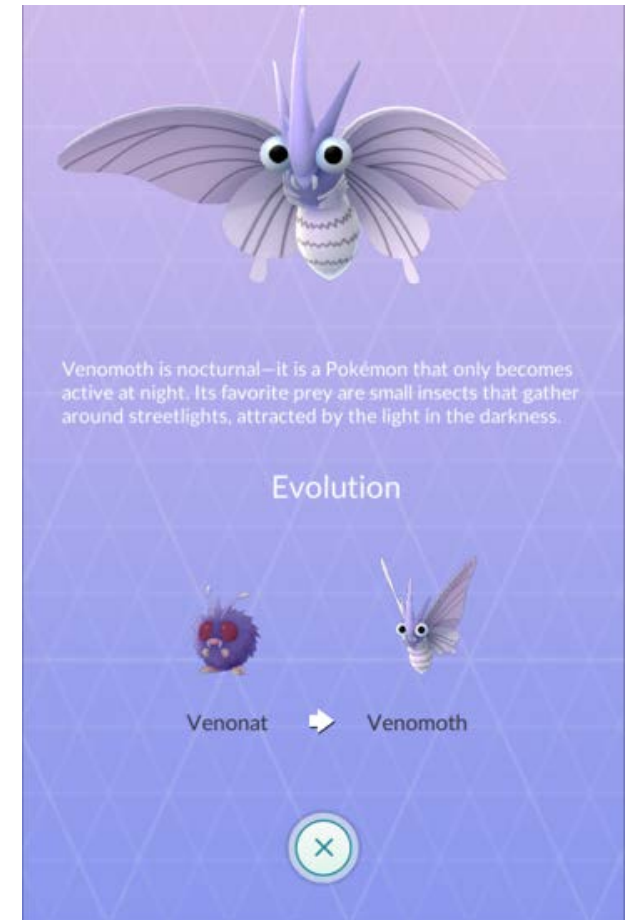2 November 2016

Our Adventure

- Review the present
- Design the future

- Many of the current working groups were envisioned at the first ADBC summit – by summit participants
- (Space)Time to do it again

Two Models – as examples, not prescriptions

- Evolve from a workshop or hackathon
- Direct short-term task

DROID WG (DROID 1, 2, 3, 4)

Digitization Workflow Workshop Report

Developing Robust Object-to-Image-to-Data (DROID) Workflow Workshop

30-31st May 2012, Florida Museum of Natural History, University of Florida (FLMNH)

📖 iDigBioWorkflows / **FlatSheetsDigitizationWorkflows**

<> Code   ⓘ Issues 1   Pull requests 0   Projects 0

Branch: master ▾   **FlatSheetsDigitizationWorkflows** / OriginalP

iDic iDigBioWorkflows Update readme.md

..

📁 PDF   Update readme.md

📁 Word   Update readme.md

📄 README.md   Update README.md

Workshop to WGs

T2	Clean and transform data for georeferencing.	The batch or collaborative functions of GEOLocate require a very particular CSV format (refer to the link). Sort the data appropriately (e.g., county, collector, year, collection number, etc.) so that specimens with identical localities are not repeatedly georeferenced independently.	Spreadsheet application. See: GEOLocate tutorial, http://www.museum.tulane.edu/geolocate/standalone/tutorial.html.
T3	Upload dataset into GEOLocate.	Batch or collaborative features of GEOLocate are most efficient for large datasets. These functions allow researchers to rapidly work through the separate occurrences, edit the uncertainty, and measure distances without leaving the GEOLocate interface. For batch GEOLocate, be sure to record the retrieval code at the bottom of the screen in order to access your data in the future.	GEOLocate.
T4a	Identify and verify locality in GEOLocate.	GEOLocate will estimate the geographic coordinates and precision of the specimen based on the written locality description, county, and state. The many features of GEOLocate (map layers, measurement tools, zoom features, etc.) should be	See: Wieczorek et al. (2012). https://www.idigbio.org/sites/default/files/workshop-presentations/geotrain/GeoreferencingQuickReferenceGuide20121008.pdf.

Are you sharing workflows and protocols?

4

Intellectual Property Policy WG

- ## WG for a specific task

iDigBio Intellectual Property Policy
- Promote open-access to sharing data through the iDigBio portal
- Providers submit content without limitation on use or
- without limitation on use other than attribution.

Factual data
- Factual data submitted to iDigBio are publicly available without limitation on use.

a. Public-domain or CC0 (Universal)

b. CC BY (Attribution)

DIGITIZATION

- Developing Robust Object to Image to Data (DROID1,2,3,4)
- International Whole-Drawer Digitization Interest Group (WDD)
- Fluid-preserved Arthropod and Microscopic Slide Imaging Interest Group
- Paleo Digitization Working Group (PaleoDigi)
- North American Network of Small Herbaria Working Group (NANSH)
- Biodiversity Informatics Management (BIM) Working Group
- Georeferencing Working Group (GWG)
- Symbiota Working Group (SWG)
- Augmenting OCR (aOCR)
- Outlier Detection and Documentation by Collectors Working Group (ODD Collectors)

E & O

- Education & Outreach (E&O)
- Augmented Reality Public Education/Outreach Working Group (ARPEO)
- User Engagement for Public Participation in Digitization (CitSciEngage)
- Interoperability for Public Participation in Digitization (CitSciInterop)

SCAFFOLD

- Cyberinfrastructure (CYWG)
- Data Management Interest Group (DMI)
- Project Management Interest Group (PMIG)
- Sustainability Working Group (SWG)
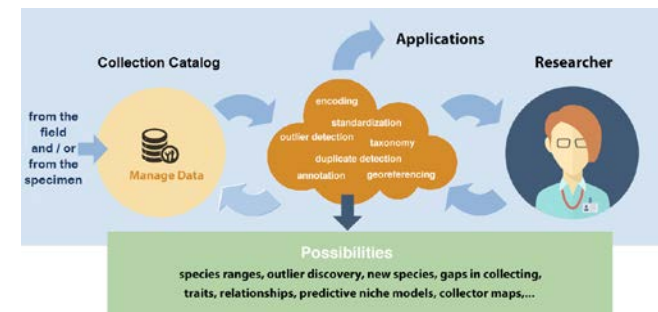
RE: tomorrow's breakout groups

- Expanding your audience
- Sustainability of TCNs
- What to digitize next?
- Data quality?
- Tools and skills for using the iDigBio data services for research
- Effectively managing your digitization project
- Data quality for downstream use
- Outreach
- Attribution and citation
- Sustainability of the national digitization effort
- Extending data schemas
- Educational resources

What future working or interest groups are needed?

Some items to keep in mind

Questions

- Current wg/ig exists?
- Need a new wg/ig?
- Refocus or extend an existing wg?
- Key people to include / invite?
- Can we connect to existing wg in other realms?
    - SPNHC, ECN, TDWG, RDA, NSCA, BCoN, GBIF, industry,…

Needs / Opportunities

- Community Leadership
- Keep sustainability in mind
    - Human effort
    - Materials longevity
    - Cost
    - Institutional memory
- Members excited (and willing to work)
- Organize and maintain materials and resources developed

LONGEVITY OF RESOURCES

WG / IG creation and support

- iDigBio process for WG creation and support

- Demonstrate need

- Find people who are motivated

- Write a description of goals and tasks – road maps from idea to implementation

- Great advantages:

  – creating community

  – building capacity

  – cross-discipline

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

Please Start or Join a Working or Interest Group Near You ☺

Thanks for your vision, insights and engagement

idigbio.org/wiki

facebook.com/iDigBio

twitter.com/iDigBio

vimeo.com/iDigBio

idigbio.org/rss-feed.xml

idigbio.org/events-calendar/export.ics

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