

# iDigBio's Role in Facilitating and Enabling Digitization

Greg Riccardi  
Florida State University  
iDigBio  
griccardi@fsu.edu

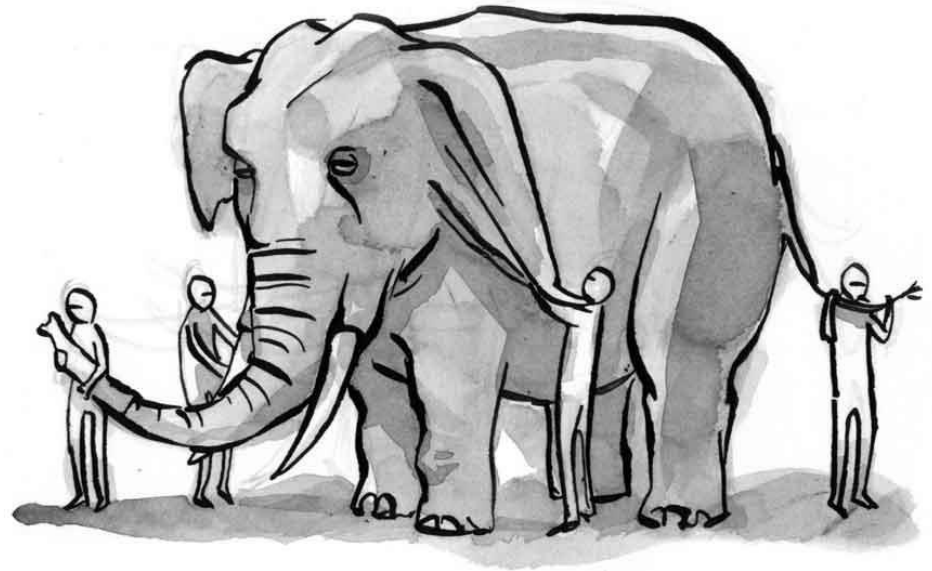


*This material is based upon work supported by the National Science Foundation under Cooperative Agreement EF-1115210. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.*



# Topics

- Enabling digitization
- Digitization as a pipeline
- Community building
- Workshop principles
- Expertise development
- Data Standards and data discovery
- Collection discovery
- Managing public participation digitization



# Where is iDigBio?



Atlantic Ocean

www.f



# It's all about the people!



# Enabling digitization

- We promised to be enablers of
  - Success of ADBC
  - Digitization practices
  - Data discovery and use
  - Community development
  - Personal development



# Digitization is a pipeline

- From field to use
- Not just photographs, not just labels
- A process including
  - Acquisition
  - Organization
  - Quality control
  - Curation
  - Distribution
- People are the crucial component
  - Expertise and interest

# Community building



# Workshop principles

- Community-driven process
- Each workshop
  - Created in response to need
  - Organized by interested parties
  - Attended by diverse group
- Geographical distribution of sites
- Demographic distribution





# Expertise development

- Digitization workshops
- Informatics training
- Data carpentry
  - Helping people to understand technology



# iDigBio Georeferencing Working Group

## Train the Trainers I and II

- 5 Days
- Pay-it-forward
- Community Resource

10:00	Workshop Overview, Introduction to Georeferencing, and Thinking like a Trainer	David Bloom
10:20	Selected Survey Results, Train-the-Trainers Second Georeferencing Pre-workshop Survey Report and Update from TTT1 Participants Pay-It-Forward Efforts	Shari Ellis
10:35	Break	
11:00	Georeferencing Introduction: Collaboration to Automation	Dave Bloom
11:30	Geographical Concepts	Nelson Rios
11:50	Point-Radius Method and Best Practices	Jessica Utrup
12:10	Darwin Core Standard, Key Terminology iDigBio Recommended fields	Dave Bloom
12:30	Lunch (Provided)	
13:30	Georeferencing Quick Reference Guide, Locality Types, and Georeferencing Template	Una Farrell
14:40	Georeferencing Calculator, Calculator Manual	Dave Bloom
15:30	Break	
16:00	Georeferencing Calculator Example and Exercises, MaNIS/HerpNet /ORNIS Georeferencing Guidelines	Dave Bloom
17:00	Day in Review and Considerations for Trainers-to-be Trivia Question of the Day A.M. Recording: Start-10:30 A.M. Recording: 10:40-12:30	David Bloom Debbie Paul



# Data Standards and data discovery

- Rely on international data standards
  - Encourage collection database improvement
  - Darwin Core and Audubon Core for capture and publication
- What about identifiers?
  - Lots of misunderstanding
  - Lots of worry
  - Lots of changes still to come

got GUID?

# Collection discovery

- Finding small collections
- Small collections workshops
- Workshop on the Global Registry of Biodiversity Repositories



# Managing Public Participation Digitization

- Biospex is designed to manage process **and** data

