



iDigBio

Integrated Digitized Biocollections

Sustaining the ADBC Initiative

Gil Nelson
iDigBio
Florida State University



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**During the wrap up for last year's ADBC Summit, I suggested that our most important question was:
What next?**

Facing the potential for sunset in 2021, Larry Page and the iDigBio Executive team established a Committee of Five (CoF) to contemplate the sustainability of the ADBC initiative and create an implementation plan.

The charge to the CoF: develop an implementation plan leading to the continuation of what ADBC had started.

The team
Gil Nelson (chair)



Shari Ellis



Renato Figueiredo



Molly Phillips



Joanna McCaffrey

Interview Process



Larry Page
Project Director



Pam Soltis
Research



Donald Horbern
Secretariat
GBIF



Jose Fortes
Cyberinfrastructure



David Jennings
Project Manager



Bruce MacFadden
Education, Outreach,
Diversity



Kevin Love
Biodiversity
Informatics



Greg Riccardi
Digitization & Workforce
Training



Doug Jones
Director, FLMNH

Seven Critical Functions

- **Workforce training/community building**
- **Education, outreach, and diversity (EOD)**
- **Data mobilization**
- **Data support/troubleshooting**
- **Special access to specimen data**
- **Encouraging/tracking research use of data**
- **Continuous program evaluation/documentation**

Where are we today?

- More than 750 biodiversity collections representing ~411 institutions
- Currently serving ~115 million records representing 300-400 million specimens and more than 26 million associated media records
- 1571 datasets provided by ~75 distinct data publishers.
- Dataset sources: U.S., Mexico, Brazil, Canada, Australia. South Africa, several European Nations.
- Largest number of recordsets representing the U.S. (776), Mexico (416), and Brazil (159).
- Nine of 13 contributing countries also contributing associated media files.

Visualizing the plan

Phase 1: The next 3 years

Phase 2: Years 11-13 (post the 2021 sunset)

Phase 3: Beyond year 13



A pilot
initiative



Representatives
met in Copenhagen
27 July 2018
following GBIC2

GBIF

- global leader in biodiversity data aggregation and mobilization
- worldwide organization and network with ability to reach developing nations
- supports a talented core of development professionals

ALA

- provides analytical and visualization tools for biodiversity research
- global collaborator and regional repository of biodiversity data mobilization efforts
- supports a talented core of development professionals

iDigBio

- leader in biodiversity specimen data mobilization and visualization
- expertise in digitization, community development, and workforce training
- supports a talented core of development professionals

Standards development
Aggregation history
Global networking



Digitization
Workforce development
Community building

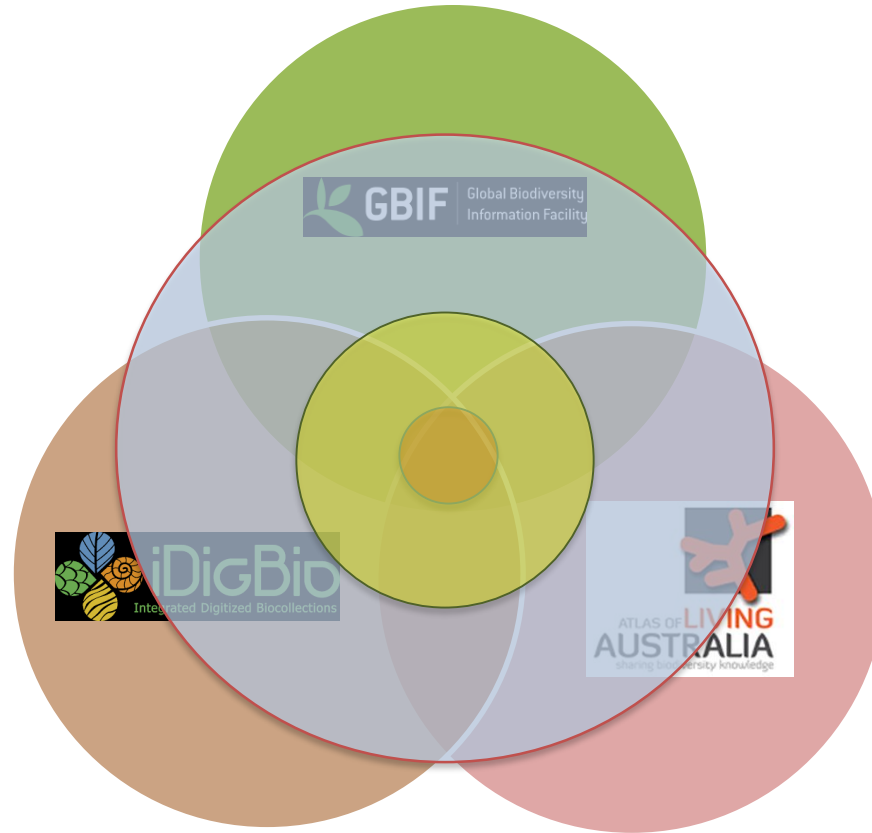


Visualization
Analytical tools
National/regional focus

Integrated practices

- Identifier synchronization
- Data quality integration
- API integration
- Tool development
- Data integration
- Data ingestion alignment
- Collections catalog maintenance
- Citation/attribution protocols
- Workforce training
- Digitization practices
- Gap analysis

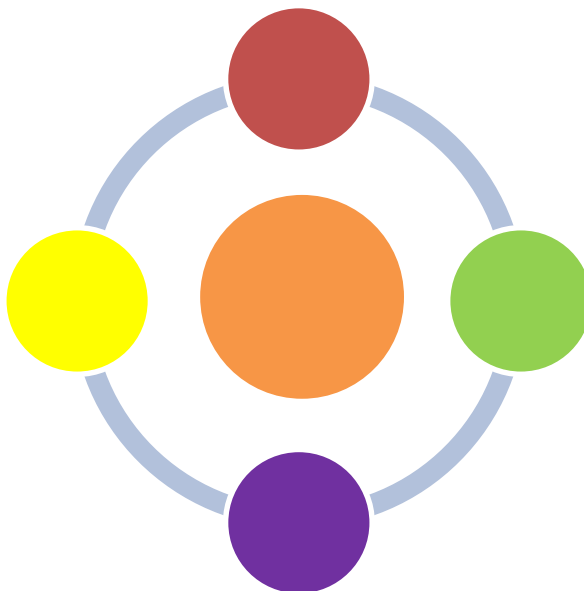
Evolving Initiative



Ultimate Goal

Collaborative Merging of Services around a Specific Goal

Engage international efforts to create a (virtual) single source store for biodiversity data that marshals the unique and common strengths of its partners, is replicated globally, and supports the views and access choices each partner/portal requires.



- ✓ continue as a GBIF participant node under the iDigBio moniker,
- ✓ explore avenues of continuing support for mid-level data aggregators (e.g. SEINet, SCAN, other Symbiota-based portals, Specify, Arctos, VertNet),
- ✓ explore avenues of continuing support for ADBC-related collaborations (e.g. DarwinCore Hour, Data Carpentry, WeDigBio, SCNet, active and new iDigBio/ADBC working groups).

Relocate

Transition the physical presence of iDigBio at UF into new facilities of the Florida Museum of Natural History (FLMNH) while maintaining the existing strong collaboration with ACIS and the iDigBio office at FSU.



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- ❖ Provide leadership for expressing diversity as a core value
- ❖ Engage with TCNs to reach underserved communities
- ❖ Train those communities with the skills and perspectives required to work with digitized collections
- ❖ Disseminate best practices
- ❖ Model a commitment to inclusiveness
- ❖ Collaborate with Minority Serving Institutions (MSIs) currently involved with ADBC activities



Human Resource Security

Implement retention and recruitment plans to address critical continuing skills needed for leadership and technical staff to ensure maintenance of institutional wisdom, with emphasis on diversity and on attracting professionals with a combination of skills in both the biological sciences and information technologies.



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THANKS!



