Symbiota Support Group



October 7, 2024









- ___
- The Symbiota Support Hub continues to roll out Symbiota 3.1
 - symbiota.org/symbiota-3-1-official-release
- Portals with 3.1 currently:
 - o CCH2
 - Lichen Portal
 - Bryophyte Portal
 - Guatemala Portal
 - African Plants Portal

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Your community will be notified near the release of Symbiota 3.1 to your portal. Keep your eyes on your email!

- Consortium of Small Vertebrate Collections (CSVColl) portal campaign is going now! symbiota.org/csvcoll-portal-campaign
 - Know of any vertebrate collections that need to be mobilized?
 Reach out!



• The Symbiota Support Group Zoom link is going to change! Check your email for a new registration link coming soon.

Today's Topic: How Symbiota Portals Relate to the Broader Biodiversity Data Landscape

Specimen Databases

- Data editing
- Focus on data providers

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- Data viewing (from multiple sources)
- Focus on data users
- Any edits are annotations

Data Aggregator





*collectionspace

Data Aggregator





*collectionspace





Data Aggregator





*collectionspace





















Observation Collection Management System





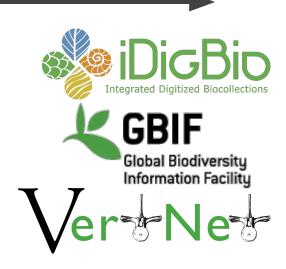


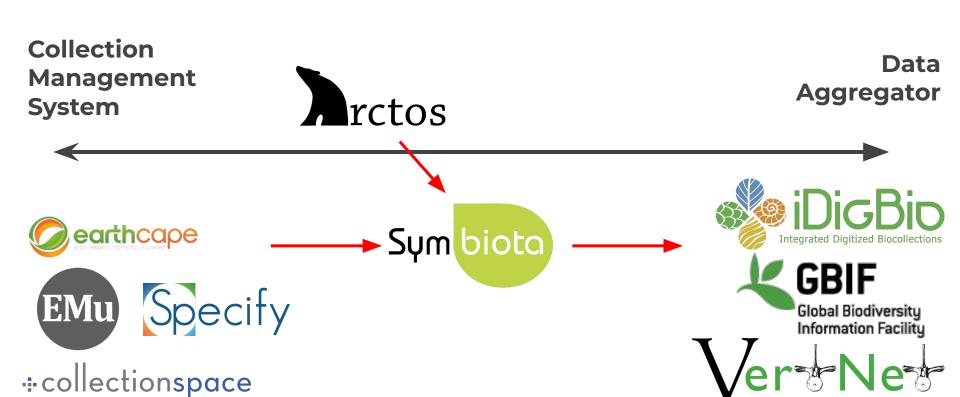


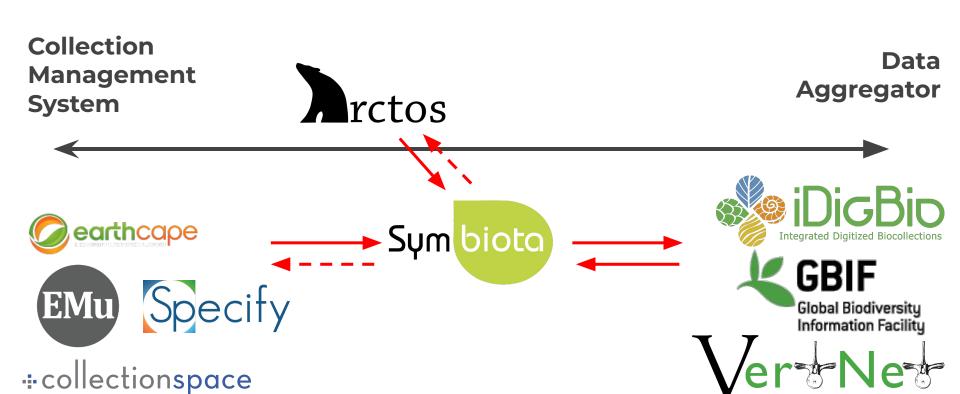




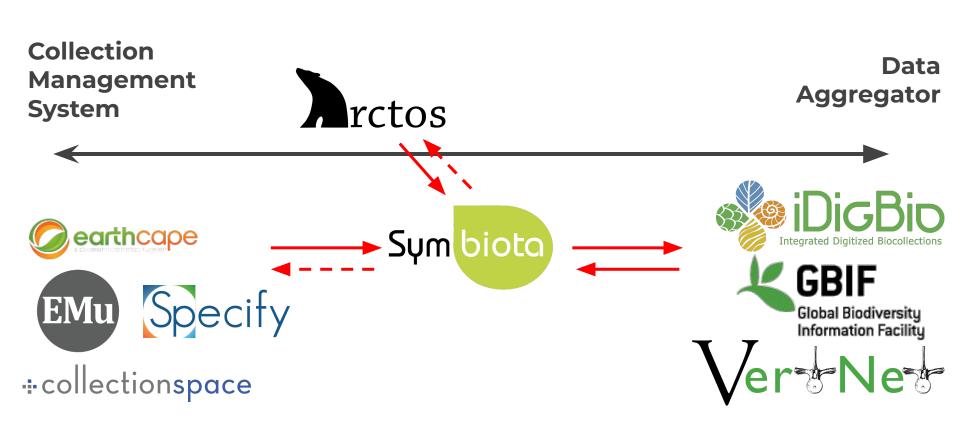








Interoperability



None of these are automated processes!

Collection Management System









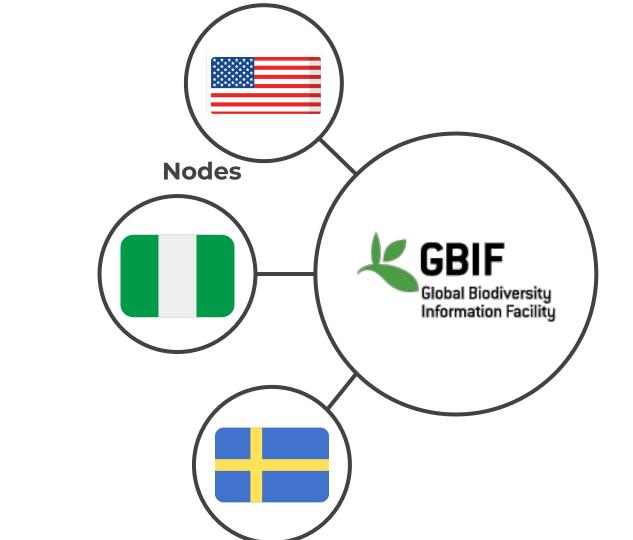


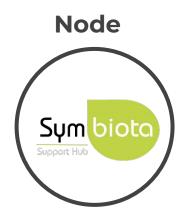




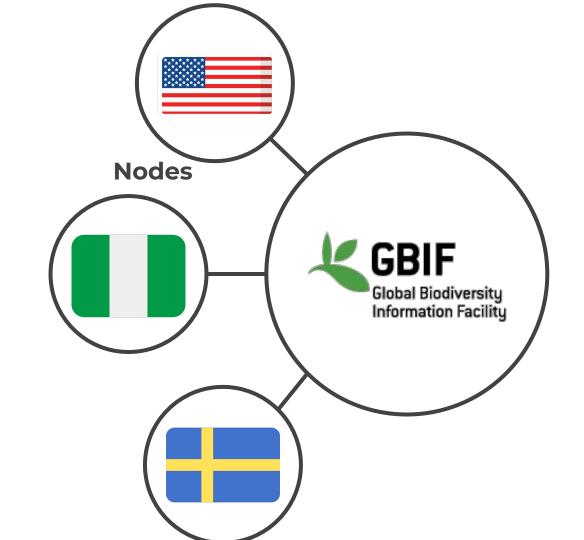
Specimen Data Flow Questions?

Symbiota and GBIF















• 1 Symbiota <u>collection</u> = 1 GBIF <u>dataset</u>





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- Your Symbiota collection description becomes your GBIF dataset description





- 1 Symbiota <u>collection</u> = 1 GBIF <u>dataset</u>
- Your Symbiota collection description becomes your GBIF dataset description
- Your GBIF publisher description is not linked to your Symbiota collection description





Again, not an automated process, but easy!



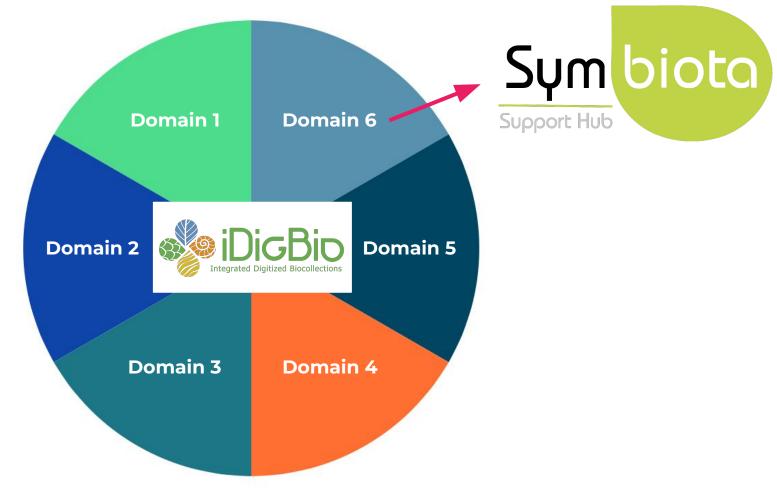
Symbiota and iDigBio



 Develops and enhances training, research, communication, etc. with regard to digitizing and managing biodiversity specimens



- Develops and enhances training, research, communication, etc. with regard to digitizing and managing biodiversity specimens
- Has a data portal for U.S.-based specimen data



Symbiota Support Hub Team





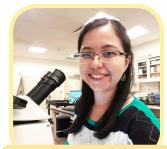






Grea Post IT & System Administrator





Samanta Orellana Community Coordinator for Latin America



Lindsay Walker Community Manager









Symbiota Support Hub Team











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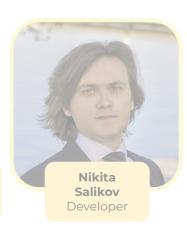
Lindsay Walker Community Manager



Nico Franz Management @ KU













Not automated; must be done by iDigBio



Non-specimen databases

Taxonomic databases









- Resolving #2516: Rosa borboniana (Rosaceae) [1 specimens]
 - Checking Catalog of Life...
 - Rosa borboniana found with Catalog of Life
 - Taxon Rosa indica added to thesaurus as accepted
 - Taxon Rosa xborboniana added to thesaurus as synonym of taxon #28298
- Resolving #2517: Rosa californica (Rosaceae) [5 specimens]
 - Checking Catalog of Life...
 - · Rosa californica found within Catalog of Life
 - Taxon Rosa californica added to thesaurus as accepted
- Resolving #2518: Rosa canina (Rosaceae) [48 specimens]
 - Checking Catalog of Life...
 - · Rosa canina found within Catalog of Life
 - Taxon Rosa canina added to thesaurus as accepted
- - Checking Catalog of Life...
 - Rosa carolina found within Catalog of Life
 - Taxon Rosa carolina added to thesaurus as accepted
- Resolving #2520: Rosa chrysocarpa (Rosaceae) [1 specimens]
 - Checking Catalog of Life...
 - Rosa chrysocarpa found within Catalog of Life
 - Taxon Rosa woodsii var. ultramontana added to thesaurus as accepted
 - Taxon Rosa chrysocarpa added to thesaurus as synonym of taxon #28303

Clarification

Symbiota portals can harvest new names and their synonymy from some taxonomic databases, but there is no automated taxonomic synchronization after initial upload.

Databases of organizations

Global
Registry
of Scientific
Collections



₹ GRSciColl Institutions Institutions	Collections	Specimens	About	➤ How-to	∨ Contact	G lobal R egistry
Text search: "Arizona State University"	× Code	Country or area	Number	of specimens	Specimens in GE	of Sci entific
Title	Code≒	Country or area =	City =	Collections	Numbe	Coll ections
Arizona State University Biocollections	ASU BioColl	United States of America	TEMPE	22	1	
Arizona State University	NEON	United States of America	Tempe	1		
National Ecological Observatory Network	NEON	United States of America	Boulder			6 7 3
Northern Arizona University	ASC	United States of America	Flagstaff	5		
Utah State University	USU	United States of America	Logan	4		
Utah Tech University	UTU	United States of America	St George	2		
University of Arizona South, Agricultural Extension Service Inactive	ССН	United States of America		1		



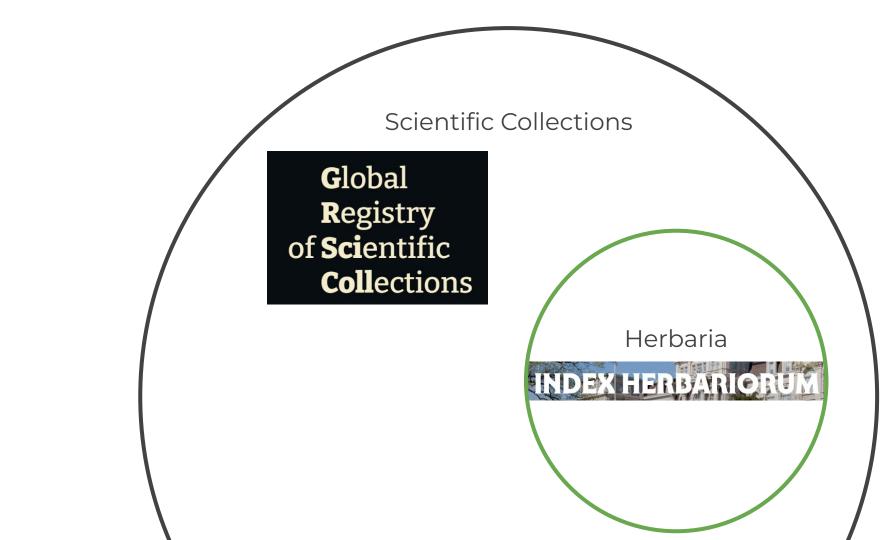
NYBG STEERE HERBARIUM

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Displaying 1 - 9 out of 9 Object(s)

Sort by → Per Page → 😢 📙

Herbarium Code	Institution	Location	
SAL	Kansas Wesleyan University	U.S.A. Kansas. Salina.	
<u>HWBA</u>	Benedictine College	U.S.A. Kansas. Atchison.	
<u>WICH</u>	Wichita State University	U.S.A. Kansas. Wichita.	
<u>KSTC</u>	Emporia State University	U.S.A. Kansas. Emporia.	
<u>KSC</u>	Kansas State University	U.S.A. Kansas. Manhattan.	
WASH	Washburn University	U.S.A. Kansas. Topeka.	



Other, non-data organizations



 Made and maintains Darwin Core (and other standards)



- Made and maintains Darwin Core (and other standards)
- Many conversations in this organization form how we develop the database schema (how the data tables are created and connected)

SPNHC The Society for the Preservation of Natural History Collections

 Focused largely on specimen curation and other operations, but increasingly involved in data-related aspects (e.g., collection management systems)

Questions? What organizations or acronyms are puzzling you?