

Dear colleagues,

Welcome to the 8th annual iDigBio-hosted summit for ADBC scientists and students! Again this year, the summit is a large event with an anticipated 140 participants, including those from 21 TCNs, other colleagues working with biodiversity collections data, guests from the NSF, and iDigBio. As in past years, we have a packed agenda of presentations and breakout groups, but we also have plenty of opportunities for networking and discussion. The latter include daily morning and afternoon breaks, lunches, an evening reception at the Florida Museum, and an open meeting space that is available any time of day for small groups to gather and discuss topics of specific interest to them.



The national effort to digitize information in biocollections has been successfully catalyzed by funding from NSF and activities of TCNs and iDigBio. As a community, we have defined digitization priorities, integrated best practices into workflows, provided cyberinfrastructure resources including a search portal, addressed major challenges via working groups, and built collaborations with data providers/users. We have improved digitization practices, increased involvement in digitization and training, and adopted informatics tools that improve the efficiency and scalability of digitization in all types of collections.

In its 8th year, iDigBio is working with staff in more than 750 collections in 411 institutions. We have communicated with our stakeholders to increase access to collections data through workshops, webinars, the iDigBio Spotlight, and social media. During its first 7 years, iDigBio sponsored attendance of more than 1,200 participants from 325 institutions to 78 workshops and webinars that targeted digitization-related topics. iDigBio has ingested 1,570 recordsets containing 115 million specimen records and 27 million images and other media. Because of the way specimens in collections are organized, with some stored individually (e.g., plants on herbarium sheets, birds in drawers), and others stored as “lots” (several specimens of tadpoles in a jar of alcohol, many fossils in a shared matrix), we estimate that an average “specimen record” refers to about 3 specimens. This suggests that the number of specimens represented digitally in iDigBio is close to 345 million.

All data ingested are indexed so that queries and other types of index-based access are supported. Searches can be done through a Web-based graphical interface or through APIs. Search and analytical tools enable users to mine diverse data such as taxonomy, location, images, traits, and vocalizations. As TCNs generate increasingly complete and valuable data, iDigBio is placing a greater emphasis on data improvement and use in research, education, and outreach. ADBC-funded initiatives including iDigBio, TCNs, and PENs have been cited in over 300 publications in 2018 alone, and the number is increasing rapidly — see graph at idigbio.org/research.

Education and outreach activities developed with TCNs include the creation of education-specific portals and innovative applications using specimen data and images, and educational modules using biodiversity data for K-12 and undergraduate audiences. We also engage directly with the public through online platforms and events such as WeDigBio.

Our work is continuing, and the results are increasingly visible to the scientific community. Let’s make Summit VIII a catalyst for even greater success!

A handwritten signature in black ink that reads "Larry Page". The signature is fluid and cursive, with a long horizontal line extending from the end.

Larry Page, Director
iDigBio



Contacts for Questions or Problems

If you encounter logistical issues during the Summit, please contact Project Assistant Cathy Bester at 352.214.5043.

Wireless Access

Wireless access for onsite participants is provided by the University of Florida: <https://getonline.ufl.edu/>

Summit Wiki

For the most up-to-date information regarding the Summit agenda, session content, participants, logistics, and other items of interest, please visit the event wiki page at: https://www.idigbio.org/wiki/index.php/ADBC_Summit_2018

Remote Participation

To the extent possible, the Summit sessions will be broadcast and recorded using the University of Florida Mediasite service. If you wish to listen to the meeting remotely, visit the Mediasite catalog here:

<https://mediasite.video.ufl.edu/Mediasite/Catalog/catalogs/-adbc-summit-2018>

Meals and Other Activities

We will provide lunches October 2 and 3 for *registered* participants. **All** participants are invited to a catered reception with heavy hors d'oeuvres and a cash bar at Powell Hall on Tuesday from 6:30 - 9:30 pm.

Florida Museum Reception – Tuesday, October 2, 6:30 - 9:30 pm

Roland Roberts, NSF Program Director and BIO Centers Science Advisor, will welcome guests followed by a presentation about international opportunities for expanding and enhancing our reach by Deborah Paul, Biodiversity Collections Informatics Analyst at iDigBio. Museum exhibits will be open throughout the evening. Heavy hors d'oeuvres and a cash bar will be among the offerings.

Special Accommodations

Nursing mothers needing accommodations should contact Shari Ellis at sellis@ufl.edu. Individuals who need assistance getting from the Hilton to the Cultural Plaza should contact the Hilton front desk at 352.371.3600.

Social Media

The hashtag for the event is #ADBCSummit.

Nearby Restaurants

Shula's Steakhouse (in the Hilton)

<https://www.shulas.com/shulas-steak-house/gainesville/>

Camelia Court Cafe (in the Harn Museum of Art - lunch only; closed Mondays)

<http://harn.ufl.edu/visit/cafe>

**Metro Dinner (0.3 miles)**<https://metrodriver.com/>

2130 SW 34th St.; 352.353.2889

Ground Transportation

There are bus stops near the Hilton and the museums. Bus routes 20, 21, and 118 will take you to the center of campus (e.g., the collections at Dickinson Hall at the intersection of Museum Road and Newell Drive). Bus route 118 is free; 20 and 21 are free with a Gator1 card or \$1.50 without. Real-time bus tracking is available at <https://ufl.transloc.com>.

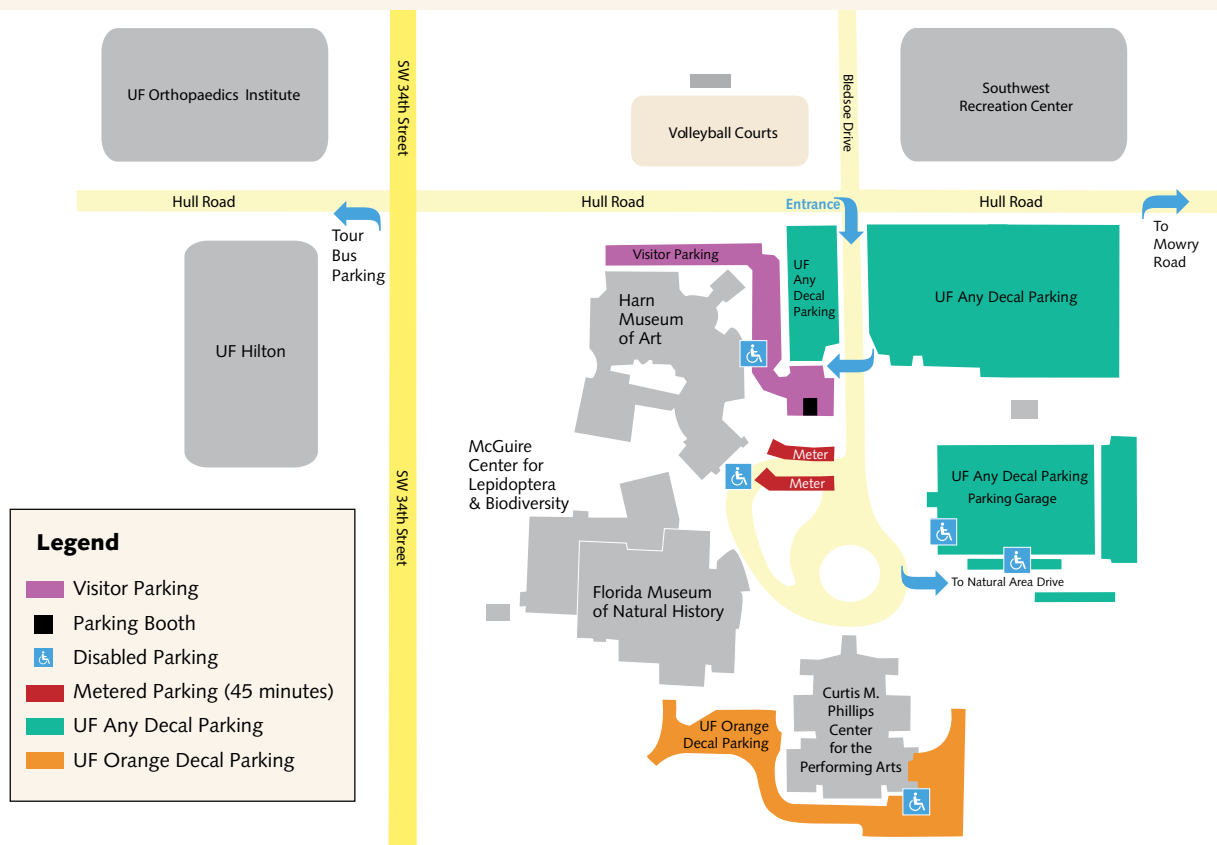
Uber (<https://www.uber.com/cities/gainesville/>) and Lyft (<https://www.lyft.com/cities/gainesville-fl>) are also available in the Gainesville area.

Luxury Cab Service LLC is a highly-rated local taxi service and may be reached at 352.682.4019.

The Hilton has a shuttle service and will provide shuttle service to and from the airport if arranged in advance. Please call the Hilton at 352.371.3600.

Parking Map

Parking is \$4 per day (cash only), 8:30 a.m.-3:30 p.m., Monday through Friday (no charge after 3:30 p.m.), and free on weekends and state and university holidays.



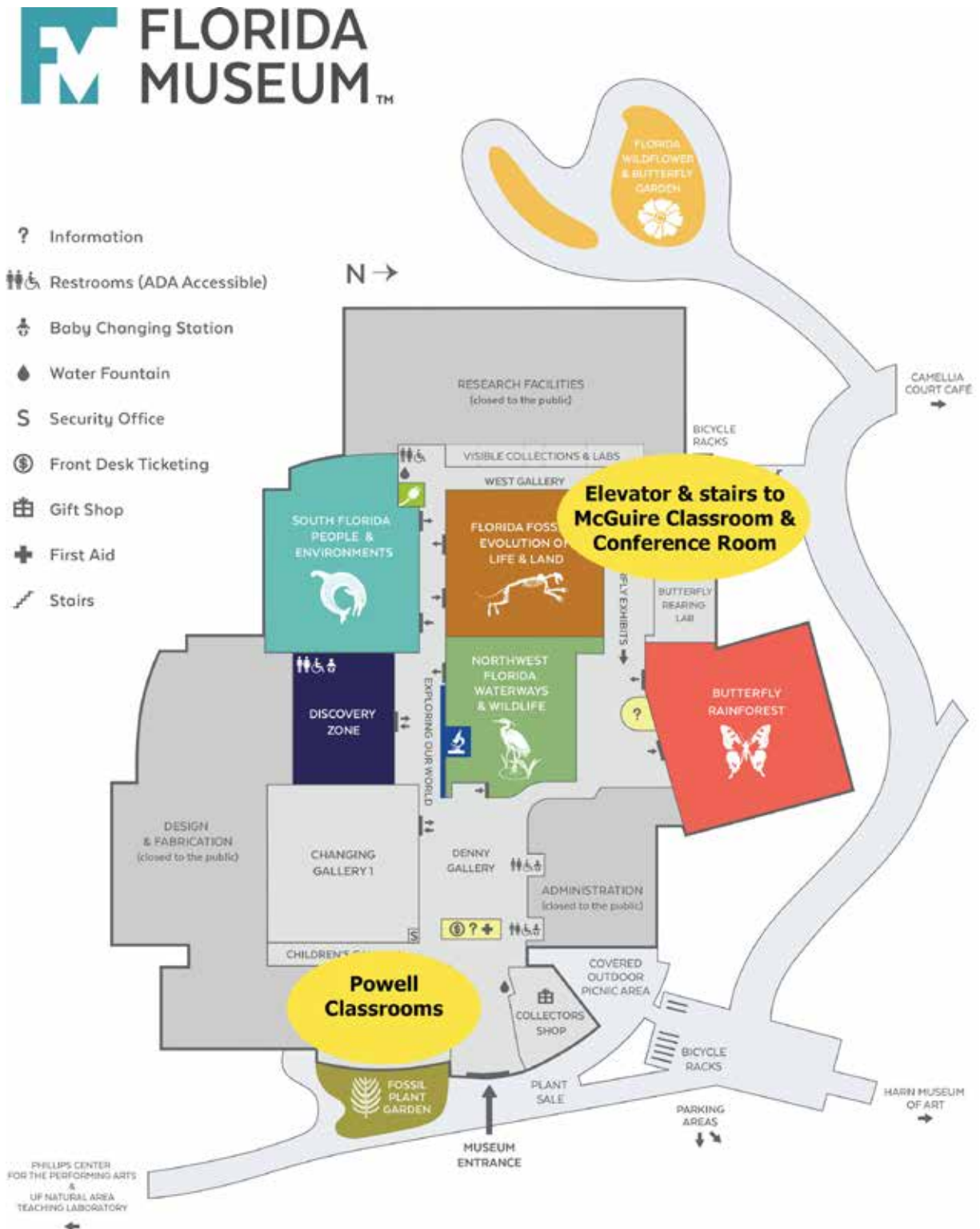


Map of the Hilton and UF Cultural Plaza



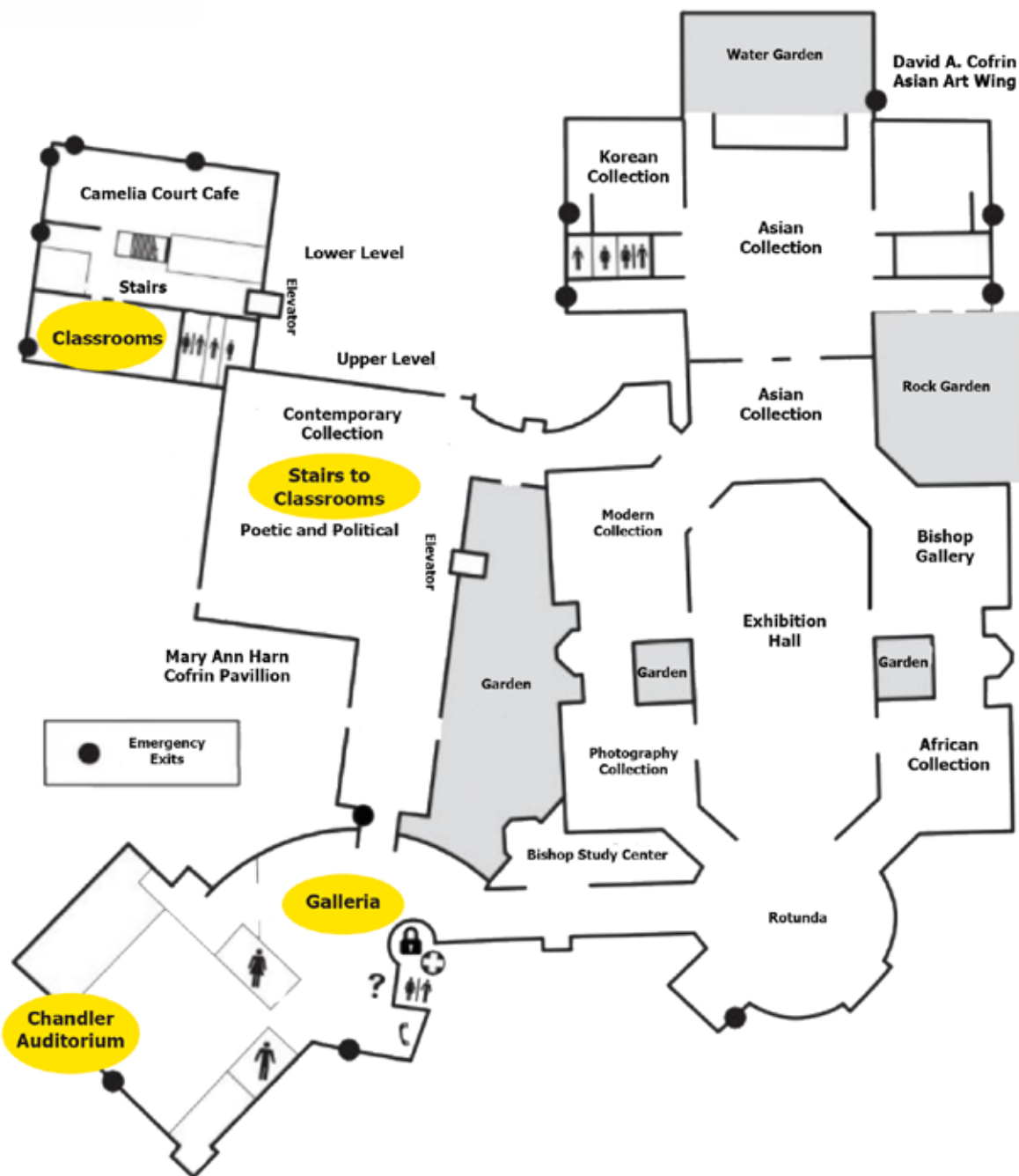


Powell/McGuire Map



Note: Access to the McGuire 2nd floor is restricted. To access, please go to the front desk of Powell Hall or seek assistance from iDigBio staff.

Harn Museum of Art Map



**Monday, October 1, 2018 - Orientation and PreSummit Meetings**

Time	McGuire Classroom			
9:00- 11:00	Orientation - Welcome to ADBC Join us for an iDigBio and ADBC orientation session where we will present information-fit-for-use about the following: <ul style="list-style-type: none"> • What ADBC and iDigBio are about, the acronyms, the scope • How you can fire up your involvement by participating in interest and working groups, community surveys, and useful website content • How to get specimen data to us, the first time and with every update • Ways to interact with us - listservs, meet the staff • Forum for suggestions to make all of this better Everyone is welcome! Come to learn, to refresh, to meet your fellow digitizers! To view/download the slides, visit https://www.idigbio.org/wiki/index.php/ADBC_Summit_2018			
11:00 - 1:00	Lunch on your own			
	Powell Classroom Front	Powell Classroom Middle	McGuire Classroom	McGuire Conference Room
1:00 - 3:00	Endless Forms TCN Kickoff Meeting	Pteridological Collections Consortium TCN Kickoff Meeting	California Phenology TCN Kickoff Meeting	iDigBio External Advisory Board 1:00 - 1:30 EAB pre-meeting 1:30 - 3:00 EAB meeting with iDigBio [closed session]
3:00 - 3:30	Break (refreshments provided) Powell Classroom			
3:30 - 5:00	Endless Forms Kickoff con't.	Pteridological Collections Consortium con't.	California Phenology con't.	EAB Working Time
6:30 - 9:30	Informal welcome and meet and greet with iDigBio staff and other colleagues in the <i>No Name Lounge</i> inside the Hilton			
Evening	Dinner on your own			



Tuesday, October 2, 2018 - Summit Day 1

Details and slides available on the Summit wiki: https://www.idigbio.org/wiki/index.php/ADBC_Summit_2018

Time	Harn Galleria	Harn Auditorium
8:15 - 9:00	Check-in Coffee	Open Meeting Space <i>(No drinks/food allowed)</i>
9:00 - 9:15		Opening & Welcome - Larry Page
9:15 - 9:30		Logistics - David Jennings
9:30 - 9:45		ADBC Program Update - Reed Beaman
9:45 - 10:30		Meet the New TCNs! <ul style="list-style-type: none"> California Phenology - Jenn Yost Pteridological Collections Consortium - Carl Rothfels Endless Forms - Matthew Pace
10:30 - 11:00	Morning Break	Open Meeting Space <i>(No drinks/food allowed)</i>
11:00 - 12:00		TCN Updates <ul style="list-style-type: none"> Creataceous World and Paleoniches - Bruce Lieberman Fossil Insect Collaborative - Erica Krimmel SCAN and LepNet - Neil Cobb Fossil Marine Invertebrates (EPICC) TCN - Pat Holroyd InvertEBase - Rüdiger Bieler
12:00 - 1:00	Group Photo (location TBD weather pending) Buffet Luncheon - Powell Hall Classroom	
1:00 - 2:10		TCN Updates continued <ul style="list-style-type: none"> Microfungi Collections Consortium - Andrew Miller Macroalgael Collections Consortium - Chris Neefus SERNEC - Zack Murrell Mid-Atlantic Megalopolis (MAM) - Cindy Skema Southern Rockies (SoRo) - Erin Tripp Great Lakes Invasives - Ken Cameron oVert - David Blackburn
2:10 - 2:40		Panel Discussion with Representatives of Retired TCNs - Rich Rabeler
2:40 - 3:10	Afternoon Break	Open Meeting Space <i>(No drinks/food allowed)</i>
3:10 - 4:00		Group Discussion Harnessing Natural History Collections Data for Addressing National Challenges - Barbara Thiers
4:00 - 4:30		Day 1 Wrap-up - Shari Ellis
6:30 - 9:30	Reception at the Florida Museum Heavy hors d'oeuvres, cash bar, museum exhibits open for your enjoyment Welcome by Roland Roberts, NSF Program Director and BIO Centers Science Advisor Presentation on International Opportunities for Expanding & Enhancing Our Reach, Deb Paul	



Wednesday, October 3 - Summit Day 2

Session descriptions, slides, and notes available at https://www.idigbio.org/wiki/index.php/ADBC_Summit_2018

Time	Harn Galleria	Harn Auditorium				Powell Class- room
8:15 - 8:45	Check-in Coffee	Open Meeting Space <i>(No drinks/food allowed)</i>				Informal Open Session Biotic Associations
8:45 - 10:20		Plenary Session Logistics - David Jennings GBIO, GBIC2, and GBIF - Donald Hobern Activities at the Atlas of Living Australia - Hamish Holewa Sustaining the ADBC Initiative - Gil Nelson UF/FLMNH Commitment to the Sustainability of iDigBio - Doug Jones				
10:20 - 10:45	Morning Break	Open Meeting Space <i>(No drinks/food allowed)</i>				Biotic Associations con't.
10:45 - 12:00		Concurrent Sessions I				
		Harn Auditorium	Harn Classroom 1	Harn Classroom 2	Powell Classroom	McGuire Classroom
		Demos & Innovations Matt Collins	Symbiota2 Neil Cobb	Specify Collections Consortium Jim Beach Norine Spears	Science Communication Natazsa Fontaine Austin Mast	Building Institutional Synergy Kevin Love Deborah Paul Larry Page
12:00 - 1:00	Box Lunch Provided Harn Classrooms					
1:00 - 2:15		Concurrent Sessions II				
		Demos & Innovations con't.	Symbiota2 con't.	Specify con't.	Communicating with Administrators Gil Nelson David Jennings Barbara Thiers Bruce MacFadden	Innovation & Unconference Deborah Paul
2:15 - 2:45	Afternoon Break				Afternoon Break	
2:45 - 4:00		Concurrent Sessions III				
		Broadening Participation Kari Jordan Molly Phillips	Georeferenc- ing Andrew Miller Michael Denslow	Data Quality Feedback Richard Garand Deborah Paul	Challenges in Research Use of Data Pam Soltis	
4:00 - 4:10		Transition to Harn Auditorium				
4:10 - 4:30		Day 2 Wrap-Up David Jennings				



Thursday, October 4, 2018 -- Optional Post-Summit Activities

Field Trip to Sweetwater Wetlands Park

iDigBio is hosting a field trip to Sweetwater Wetlands Park. The park, which consists of more than 125 acres of wetlands and ponds, was created to improve the water quality of wetlands in Paynes Prairie and the Floridan Aquifer. Now a thriving habitat, Sweetwater Wetlands Park is filled with vast numbers of plants and animals, including birds, butterflies, alligators and Florida cracker horses.

At the park, you can walk more than 3.5 miles of crushed gravel trails and boardwalks, experience the lush landscape from viewing platforms, and learn about the habitat through educational signs and tours.

If you are interested and have not yet registered, please contact Cathy Bester at cbester@flmnh.ufl.edu.

Transportation to the park will leave from the Hilton Lobby at 8 am, returning 11 am. Ground transport from the park directly to airport can be arranged as needed.

<http://www.sweetwaterwetlands.org/>

Florida Museum of Natural History Collection Tours

Contact Randy Singer at rsinger@flmnh.ufl.edu if you are interested in visiting the collections.

<https://www.floridamuseum.ufl.edu/collections/>

Self-Guided Activities

Florida Museum: <https://www.floridamuseum.ufl.edu/>

Harn Museum of Art: <http://www.harn.ufl.edu/>

Natural Area Teaching Laboratory: <http://natl.ifas.ufl.edu/>

Lake Alice Conservation Area: https://soils.ifas.ufl.edu/campuswaterquality/pdf/Lake-Alice-kiosk_v5.pdf

Notes



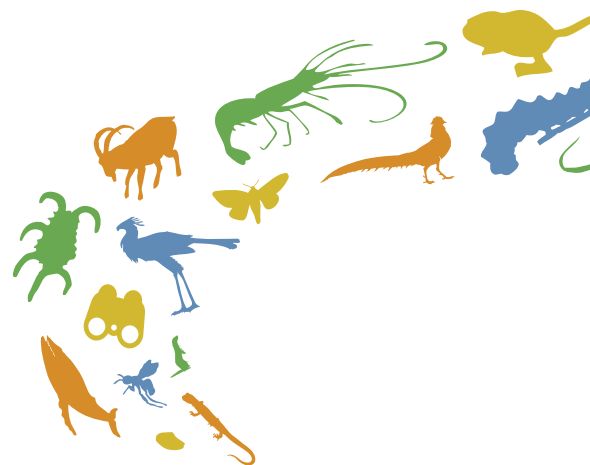
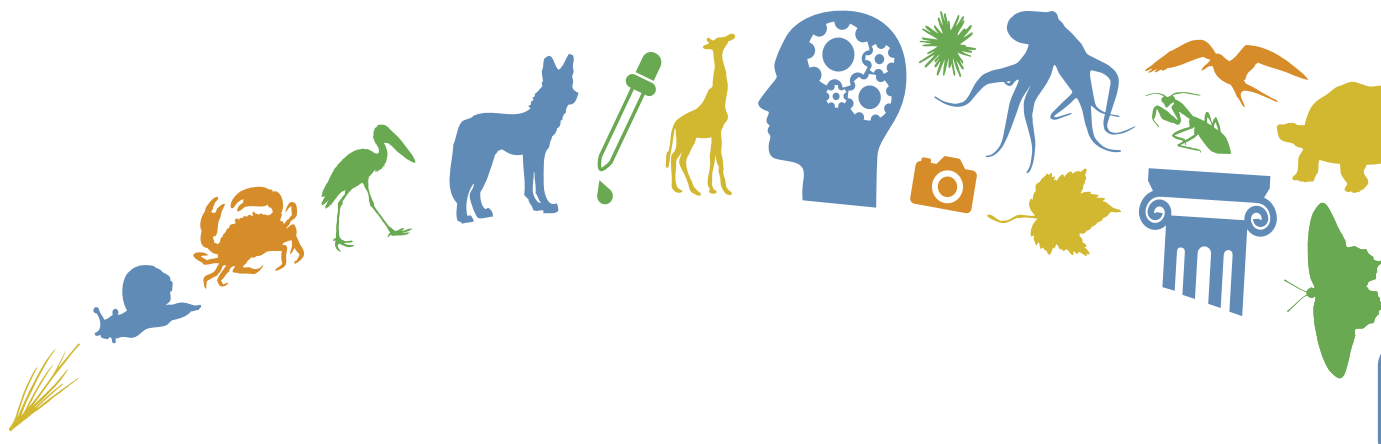
Notes



iDigBio has taken responsibility for the environmental impact of this conference by offsetting their carbon footprint with We Are Neutral.

If you'd like to know more about your carbon footprint, please email info@weareneutral.com or visit our website at www.weareneutral.com.





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