

Alternative funding discoveries

Recruiting, Supporting, and Retaining Small Collections
in Biodiversity Digitization Workshop

Central Michigan University

7-10 April 2014

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Collaborative Research: The GA-VSC Herbaria Collaborative: Phase I of a Statewide Consortium

- April 2011 the Valdosta State University Herbarium (VSC) received funding from the National Science Foundation (NSF DBI-1054366, R. Carter, PI).
- Major outcomes for VSC
 - Digitization of the collection: images linked to db
 - General enhancement of the collection
- Major collaborative outcome, in collaboration with GA (NSF DBI-DBI 1054329, W.B. Zomlefer, PI, D.E. Giannasi, coPI)
 - On-line atlas serving data and images (VSC, GA) of Georgia plants from UGA

Specific outcomes

- Digitization
 - Prepare high-resolution images of herbarium specimens
 - Build an associated database from specimen label data
 - Contribute VSC images and data to produce on-line atlas of the state's flora, in collaboration with University of Georgia Herbarium (GA)
- General enhancement
 - 10 new herbarium cabinets
 - Replacement of worn door seals in old cabinets
 - Replacement of old genus folders with geographically color-coded archival folders
 - Processing of specimen backlog

Problem

- Only ca. 50% of VSC specimens from Georgia
- On-line atlas would serve only images and data from Georgia specimens
- Half of VSC images and data would not be made available

Problem

- VSC images stored and backed up on storage devices, not servers
- Not possible to link VSC db and images locally, unless images moved to server
- VSU IT: Insufficient staffing to *manage* server dedicated to VSC images.

Solution

- Connection with VSU Odum Library archivist (Deborah Davis)
- Cooperative effort with the VSU Odum Library (Michael Holt) to secure internal funding from VSU administration
 - » VSU Virtual Herbarium
 - Dedicated server managed by VSU Odum Library
 - Code generously provided by Austin Mast, Director, FSU Godfrey Herbarium
 - Local presence promotes integrity of VSC and enables public on-line access to *all* holdings, not just Georgia



THE VALDOSTA STATE UNIVERSITY VIRTUAL HERBARIUM



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- Database
- Login

Specimen Database Search

Please cite!

Search Criteria Show: Hide:

Family: ?

Genus:

Species: The scientific name (e.g., Pinus palustris).

Common Name:

Collection Date: [=] (YYYY-MM-DD or MM-DD)

Collection Date: [=]

Collector Name:

<http://herb.valdosta.edu>



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Specimen Database Search

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Search Criteria Show: Hide:

Sort By:

To modify your search choose the "Show" radio button above. If you would like to sort your results differently, change the field in "Sort by" above.

Search Results

Results 1-35 of 271 [1 - > >] Page 1 of 8

Barcode	Family	Species	Collector(s)	Collection Number	Collection Date	Country	State	County
VSC0044384	Cyperaceae	Cyperus croceus	Robert A. Norris	1288	August 3, 1969	United States	Georgia	Atkinson County
VSC0044385	Cyperaceae	Cyperus croceus	Richard Carter, J. Lusk, J. Robertson	9380	September 28, 1991	United States	Georgia	Baker County
VSC0044386	Cyperaceae	Cyperus croceus	Richard Carter, J. Lusk, J. Robertson	9382	September 28, 1991	United States	Georgia	Baker County
VSC0044387	Cyperaceae	Cyperus croceus	Richard Carter, Joe Robertson	9125	September 13, 1991	United States	Georgia	Bartow County
VSC0044388	Cyperaceae	Cyperus croceus	Richard Carter, Joe Robertson	9107	September 13, 1991	United States	Georgia	Bartow County
VSC0044389	Cyperaceae	Cyperus croceus	Richard Carter	14072	September 25, 1997	United States	Georgia	Berrien County
		Cyperus	Wayne R. Faircloth 1		August 19	United		Ben Hill

Table Output



THE VALDOSTA STATE UNIVERSITY VIRTUAL HERBARIUM



Specimen Database Search

Please cite!

Search Criteria

Show: Hide:

Sort By:

Species ▼

To modify your search choose the "Show" radio button above. If you would like to sort your results differently, change the field in "Sort by" above.

Search Results

Results 1-35 of 271 [1 ▼ - > >] Page 1 of 8



Thumbnails Output



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Specimen Database Search

Please cite!

Search Criteria

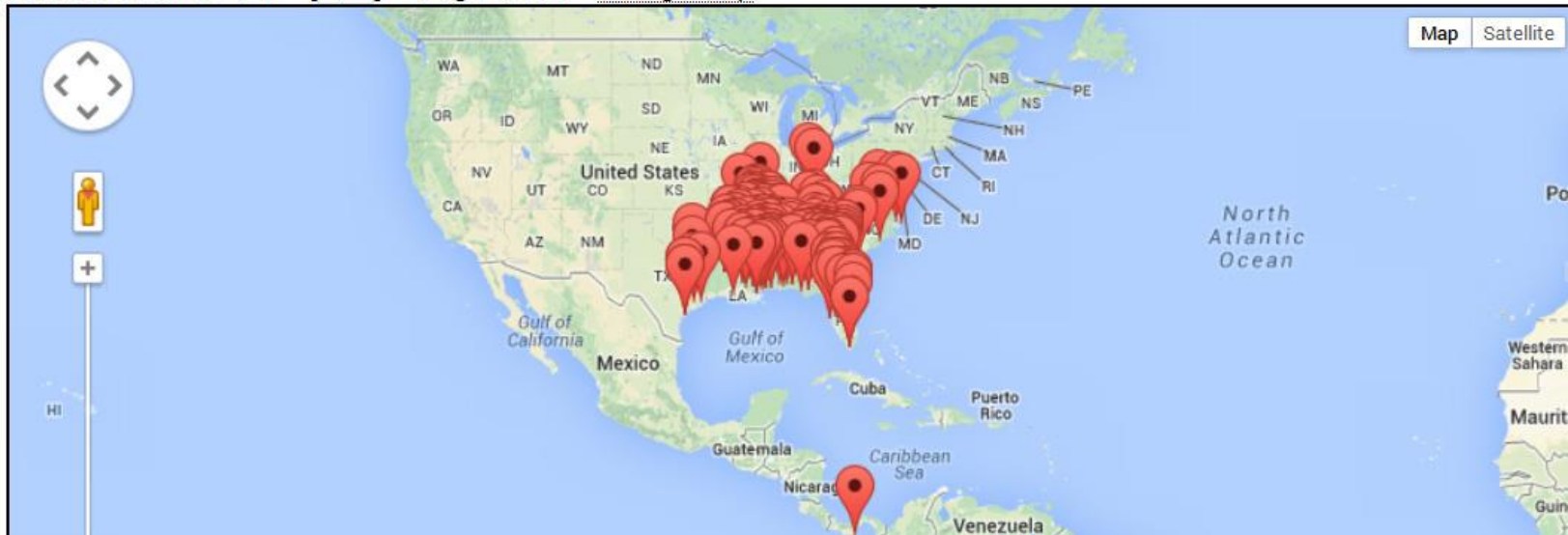
Show: Hide:

Sort By:

To modify your search choose the "Show" radio button above. If you would like to sort your results differently, change the field in "Sort by" above.

Search Results

Results 1-271 of 271 [1] Page 1 of 1 [Enlarge Map](#)



Map Output

SASSY Program

- Internal program administered by the VSU Biology Department
- To enable students to earn money to participate in VSU Study Abroad Program
- Provided salary for a student assistant to work 20 hrs per week on the digitization project

Acknowledgments

- Gil Nelson for invaluable technical advice and assistance throughout
- Mike Holt and Deborah Davis, VSU Odum Library
- Code generously provided by Austin Mast, Director, FSU Godfrey Herbarium
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- National Science Foundation (DBI 1054366, R. Carter, PI)
- Bob Gannon, VSU Biology Dept., SASSY Program

