Enriching and improving access to herbarium specimen data using new tools in online Symbiota data portals

Symbiota Support Hub

July 28, 2025

iDigBio Integrated Digitized Biocollections

NSF · UF University of Florida · FSU Florida State University · KU The University of Kansas · Florida Museum

What’s Symbiota?

What’s New?

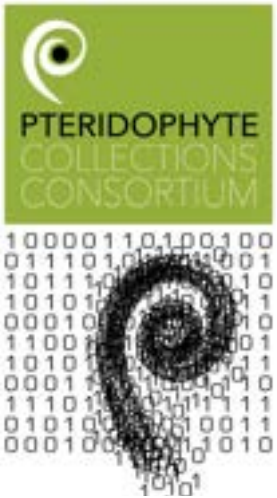
What’s Next?

What’s Symbiota?

What’s New?

What’s Next?

60+ community portals



https://symbiota.org/symbiota-portals/

Species List | Occurrence Records | Maps

Dataset: All Collections
Search Criteria: San Luis Obispo; includes cultivated/captive occurrences

1 2 3 4 5 6 7 8 9 10 11 >> Last

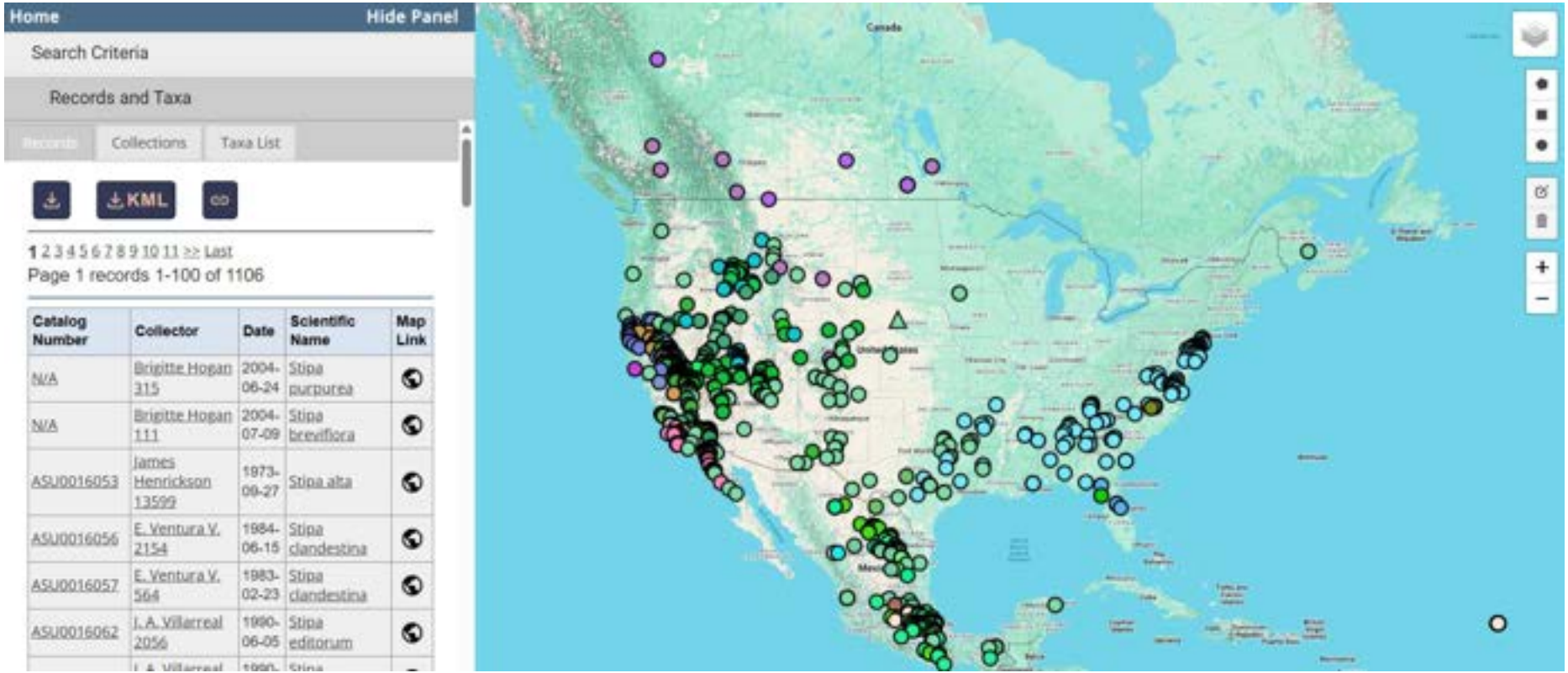
Page 5, records 401-500 of 2129

SFSU *Orthotrichum rupestre* Schleich. ex Schwägr.
SFSU-B-002958 L. Sigal L.S. 169 1973-06-17
United States, California, San Luis Obispo, Cuesta Ridge Botanical Area
Full Record Details

SFSU *Brachythecium velutinum* (Hedw.) Schimp.
SFSU-B-000559 L. Sigal L.S. 155 1972-12-27
United States, California, San Luis Obispo, Cuesta Ridge Botanical Area
Full Record Details

MT *Fissidens crispus* Mont.
MT00198558 Allen, Oscar D. sn 1899-03-10
United States of America, California, San Luis Obispo County, Arroyo, California
Full Record Details

ISC *Antitrichia californica* Sull. ex Lesq.
ISC0808873 W.W. Bennett 1944-07-03


Home
Hide Panel
Search Criteria
Records and Taxa
Records
Collections
Taxa List
KML
1 2 3 4 5 6 7 8 9 10 11 >> Last
Page 1 records 1-100 of 1106
Catalog Number
Collector
Date
Scientific Name
Map Link
N/A
Brigitte Hogan 315
2004-06-24
Stipa purpurea
N/A
Brigitte Hogan 111
2004-07-09
Stipa breviflora
ASU0016053
James Henrickson 13599
1973-09-27
Stipa alta
ASU0016056
E. Ventura V. 2154
1984-06-15
Stipa clandestina
ASU0016057
E. Ventura V. 564
1983-02-23
Stipa clandestina
ASU0016062
J. A. Villarreal 2056
1990-06-05
Stipa editorum
Canada
United States
Mexico

A V spp

Mission Trails Regional Park Vascular Plant Checklist

Taxa explicitly excluded: Mission Trails Regional Park - Doubtful or Omitted Records
Authors: Michael G. Simpson
more detail

Families: 111
Genera: 380
Species: 613
Total Taxa: 634

Page **1** of **2**: **1** | 2

AGAVACEAE

Hesperoyucca whipplei (Torr.) Trel. - Chaparral Yucca
NATIVE; White, Samantha M. 23 [SDSU], Stirling, Brian S. 6 [SDSU], Cain, Ian 811 [SDSU], Cabrero, Allan 4 [SDSU], more...

Hooveria parviflora (S. Wats.) D.W.Taylor & D.J.Keil - Small-Flower Soap-Plant
NATIVE; Millie Basden-Thomas 126 [SD]

Yucca schidigera Roezl ex Ortgies - Mohave Yucca
NATIVE; Simpson, Michael G. 3656 [SDSU]

AIZOACEAE

Carpobrotus chilensis (Molina) N.E. Br. - Sea Fig

Options

Games

Search: Taxon Filter

Search Common Names
Search Synonyms

Taxonomic Filter:

Original Checklist

Display Synonyms
Common Names
Display as images
Notes & Vouchers

Occurrence Editor: Arizona State University Vascular Plant Herbarium (ASU:Plants)

Home >> Collection Management >> Public Display >>

Toggle Record Search Form

Occurrence Data | Determination History | Media | Linked Resources | Traits | Admin

Collector Info

Catalog Number: ASU0016072

Tag Name (optional): 45333

Collector / Observer: E. Arrington

Number:

Date (start): 1964-08-16

End Date:

Duplicates

Auto search

Associated Collectors:

Verbatim Date:

Exsiccati Title:

Number:

Latest Identification

Scientific Name: Stipa ichu

Author: (Ruiz & Pavón) Kunth

Identification Qualifier:

Family: Poaceae

Identified By: Arrington

Date Identified:

Locality

Country: Mexico

State/Province: Distrito Federal

County:

Municipality:

Location ID:

Label Processing

Zoom? Rotate: L <> R

Med Res. High Res.

Tesseract OCR

Image 1 of 1

OCR whole image

OCR w/ analysis

OCR Image


What’s Symbiota?
What’s New?
What’s Next?

What's Symbiota? | What's New? | What's Next?

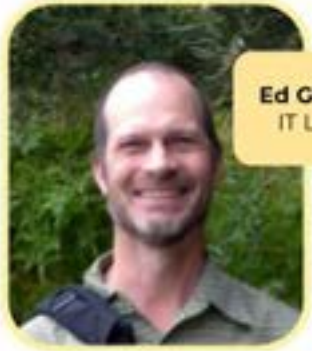
- **Affiliation**
- Sustainability
- Portals
- Features

Symbiota Support Hub Team

Jenn Yost
Community Lead

Katie Pearson
Project & Data Manager

Greg Post
IT & System Administrator



Ed Gilbert
IT Lead

Samanta Orellana
Community Coordinator for Latin America

Lindsay Walker
Community Manager

Nico Franz
Management @ KU

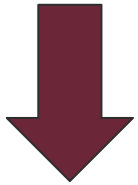
Logan Wilt
Developer

Mark Fisher
Developer

Nikita Salikov
Developer


Symbiota
Support Hub


ASU
Arizona State
University




KU
BIODIVERSITY
INSTITUTE
The University of Kansas

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- **Sustainability**
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2011 - 2026

(September)

Symbiota
Support Hub

2011 - 2026

(September)

Symbiota sustainability efforts

- Service contracts
  - Have a data or development need? Contract with the Symbiota Support Hub!

KU Symbiota

Symbiota is specifically designed for efficient and collaborative digitization as a collections management system, and as an open data exploration and publishing tool. To date, over 50 Symbiota portals have been used to mobilize 90 million biological specimen records from 1,800 collections worldwide.

DATA PORTAL SERVICES

VIEW AS GALLERY PAGE

KU Symbiota provides products and services related to the digitization and management of biocollections, as well as the maintenance and development of related software and IT infrastructure. For general and service inquiries

https://biodiversity.ku.edu/symbiota-support-hub

Services & Rates

All rates listed are in USD and subject to change. Rates for KU-based and for-profit clients may differ.

Hosting: Data Portals & Images

Services: Storing and serving web-ready images related to biodiversity records, including linkage to external systems, where applicable

Rates: $2.00/GB/year (nonprofit discounts available)

Symbiota sustainability efforts

- Service contracts
- Grants

Symbiota sustainability efforts

- Service contracts
- Grants
  - Please include portal maintenance funds in your grant proposals!

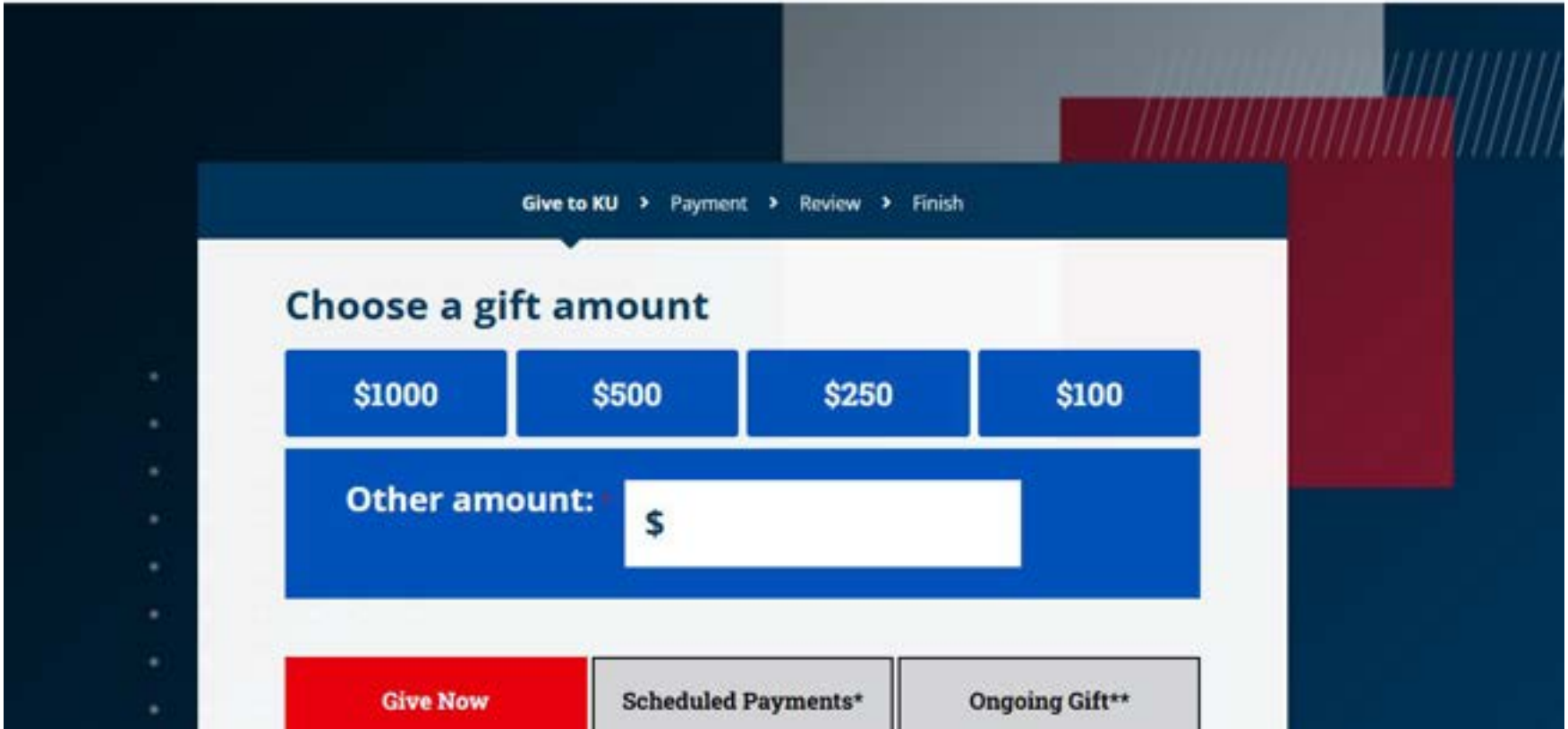
Symbiota sustainability efforts

- Service contracts
- Grants
- Donations

Symbiota

bit.ly/supportsymbiota

KU ENDOWMENT
The University of Kansas



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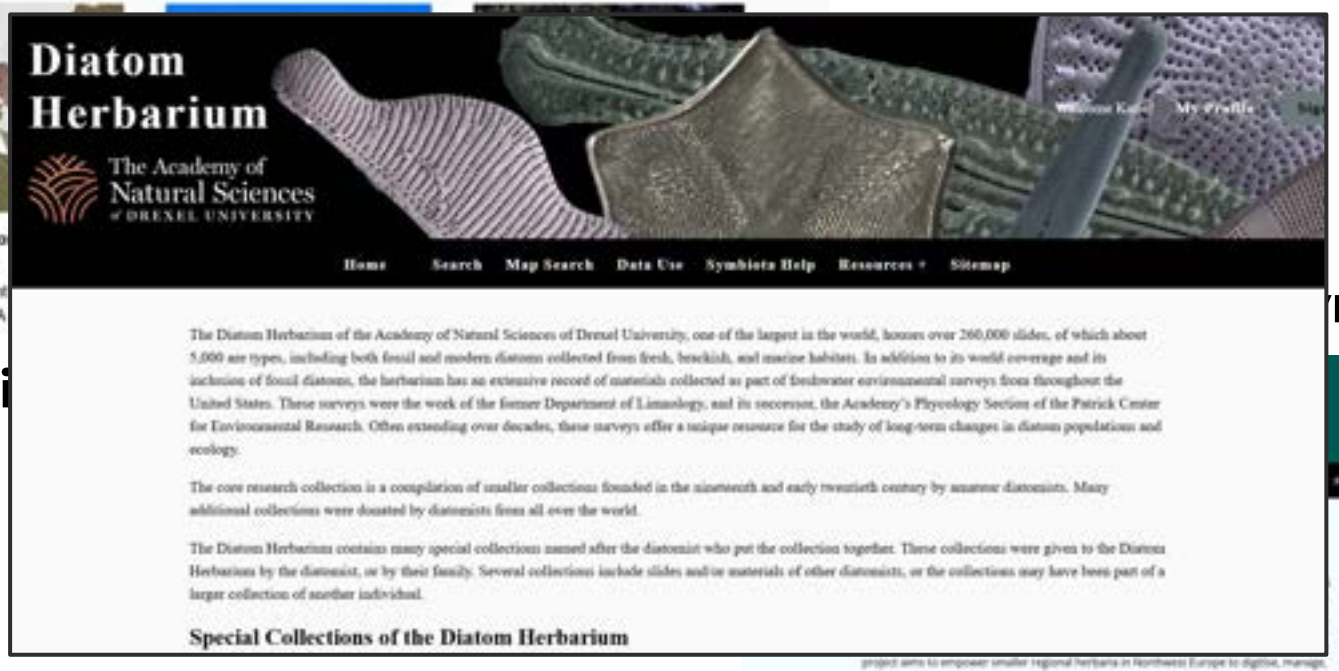
https://biocollections.ars.usda.gov/

https://digiherb.symbiota.org/



https://bi

mbiota.org/

project aims to empower smaller regional herbaria in Northwest Europe to digitise, manage, and share their collections efficiently, ensuring their long-term preservation and accessibility.

At DigiHerb, we recognise herbarium digitisation as an essential tool for preserving botanical heritage, advancing biodiversity research, and informing conservation policies. By making plant specimens globally accessible, digitisation enhances collaboration among stakeholders and supports species conservation in the face of global change. The DigiHerb initiative exemplifies the power of shared resources, optimising costs while ensuring data interoperability and accessibility. We encourage policymakers, biodiversity managers, and researchers to actively use and integrate digitised herbarium data in their work to drive informed decision-making and innovative research, while also promoting its use in

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- **Features**

New Symbiota tools

- Support for audio files

The Academy of Natural Sciences of DREXEL UNIVERSITY

New Symbiota tools

- Ability to search by “associations” (linked resources)

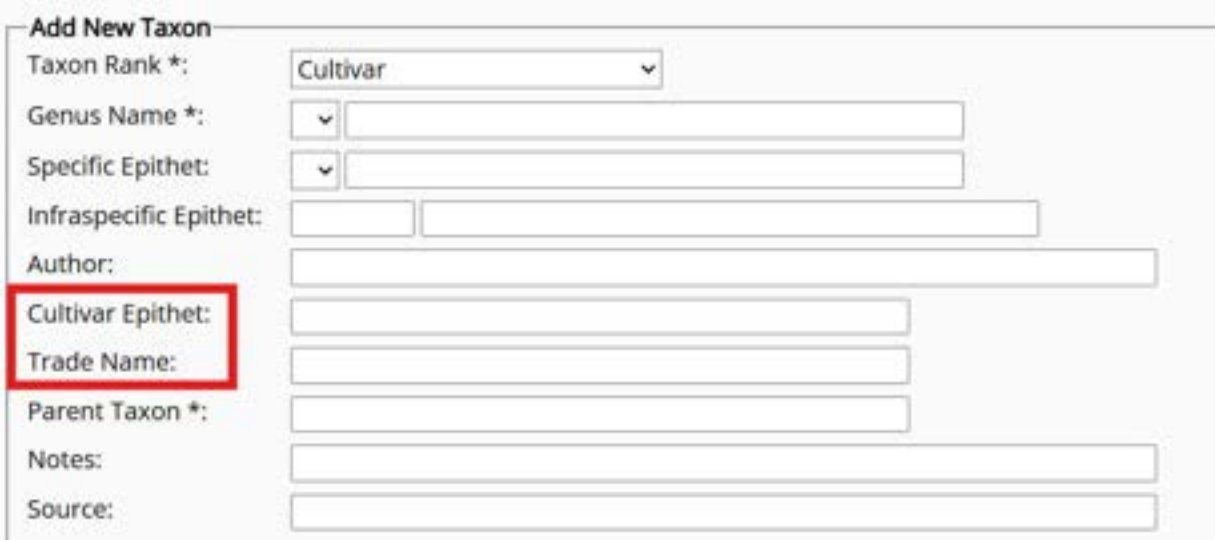
USDA Agricultural Research Service

New Symbiota tools

U.S. NATIONAL ARBORETUM

USDA Agricultural Research Service

- Support for cultivars and trade names in taxonomic thesaurus



New Symbiota tools

- Ability to upload and download more media-related data
  - Download image tags
  - Upload captions, photographer info, etc.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What's Next in Symbiota Portals?

– – –

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  - Ability to download from Record Search Form (Edit Existing Occurrence Records)

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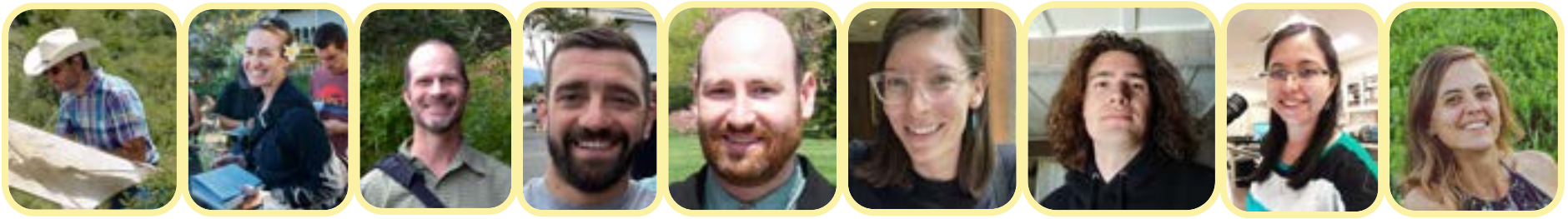
  - And more!

Reminder

Help us help you!

- Add Symbiota support to grant proposals
- Donate to Symbiota
- Contract with us on data management needs



Get in touch!

Symbiota.org / help@symbiota.org

bit.ly/supportsymbiota

Symbiota Support Hub

iDigBio Integrated Digitized Biocollections

UF University of Florida · FSU Florida State University · KU The University of Kansas · Florida Museum · NSF

Learn by Doing · Cal Poly