Digitization: Just do it!

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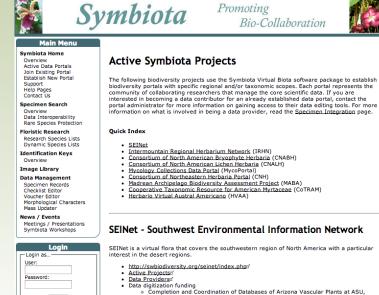
Importance of digitization efforts



Importance of digitization efforts

- Facilitates sharing of millions of records around the world
- Promotes integration of multiple types of data in interdisciplinary research
- Promotes growth in taxonomic revision through collaborative efforts and citizen science





ARIZ, and ASC BRC-02374186

Login

Biggest perceived challenges to getting started



Equipment and (wo)man power



Time / money

Biggest perceived challenges to getting started



Good old fashioned fear

No equipment? No money? No problem!

- Start by databasing requires only a computer and excel
- Integrate databasing into your coursework as student projects
- Recruit retirees / volunteers to database
- Consider innovative educational programs in your area....



Sarah Lamb and her inmate students at Utah's Daggett County Jail: an innovative collaboration with USU's Intermountain Herbarium

Options for getting imaging equipment

- Beg your Chair/Dean for money..... (Many of us have!)
- Talk to your library's digitization department
- Contact larger herbaria in your region for a loaner
- Shipping your specimens to a 'hub' is also an option



Example of scanning / imaging stations targeted at libraries that may be useful for herbarium specimens

Within the ADBC program...

Home Uniting Biocollection (HUB)



<u>Thematic</u> <u>Collections</u> <u>Networks (TCNs)</u>

Partners to
Existing Networks
(PENs)









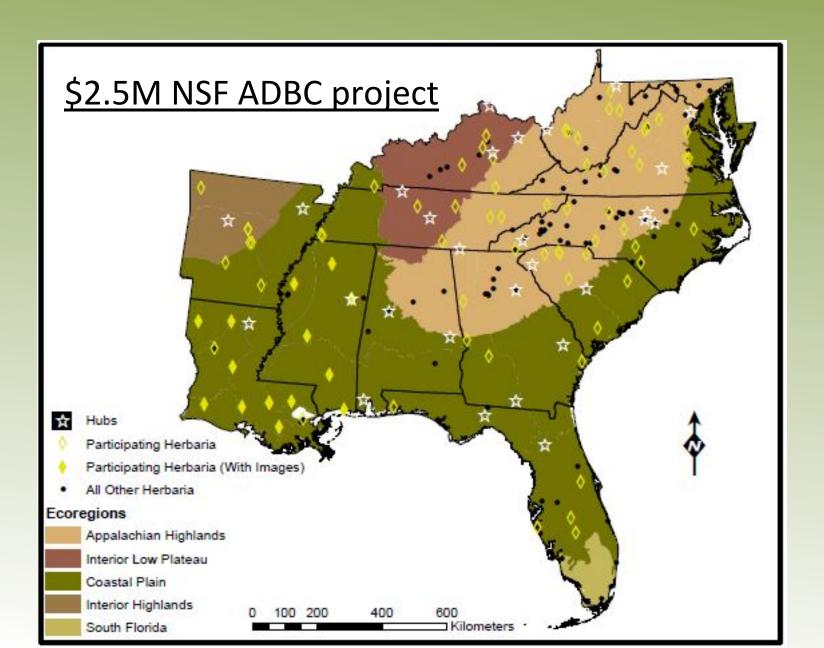




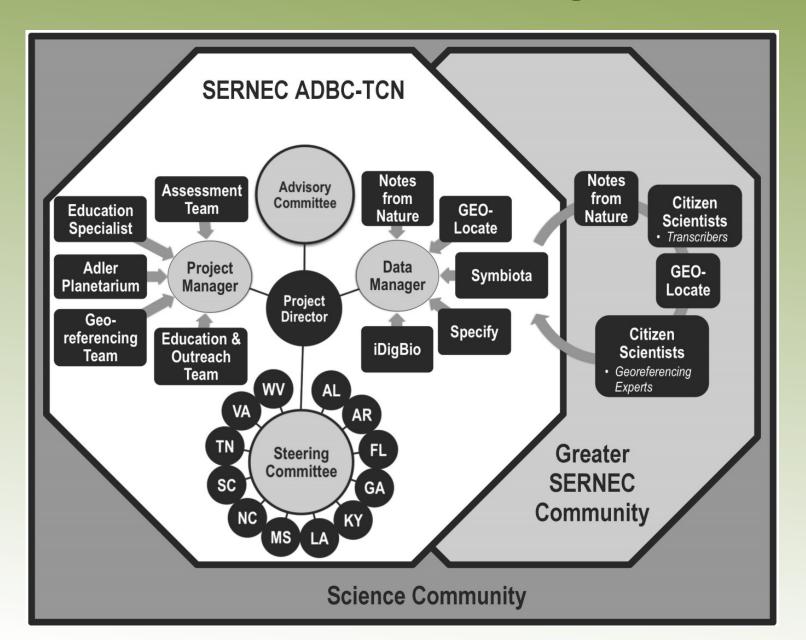


Museum of Natural History

SERNEC: Key to the Cabinets



TCN: it takes a village



The MTSU approach

• 20-25,000 vascular plant specimens



- Single curator (ABM); no staff / no release time
- No dedicated budget (some funds from teaching labs)





The MTSU approach

- ✓ Go to iDigBio workshops Make friends with Gil Nelson ②
- ✓ Requested a laptop from Department for digitization
- ✓ Requested all new cabinets for new science building
- ✓ Applied for funding from MTSU Foundation 3 times (third time is the charm)
- ✓ Recruited two work study students to database collection
- ✓ Collaborated on NSF proposals (CSBR / ADBC) and ADBC funding is pending
- ✓ Writing a feature on our collection for the Society of Herbarium Curators newsletter The Vasculum

The Marshall approach

- 50,000 vascular plant specimens
- Single curator (EG); no staff
- No secure budget (~\$300 last year from CoS)
- ✓ Heavily reliant on collaborative efforts
- ✓ Large Federal Work Study Program
 - ✓ Five FWS students in 2013-2014

