

# SERNEC – TCN: Keys to the cabinets: Building and Sustaining a Research Database for a Global Biodiversity Hotspot

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Murrell

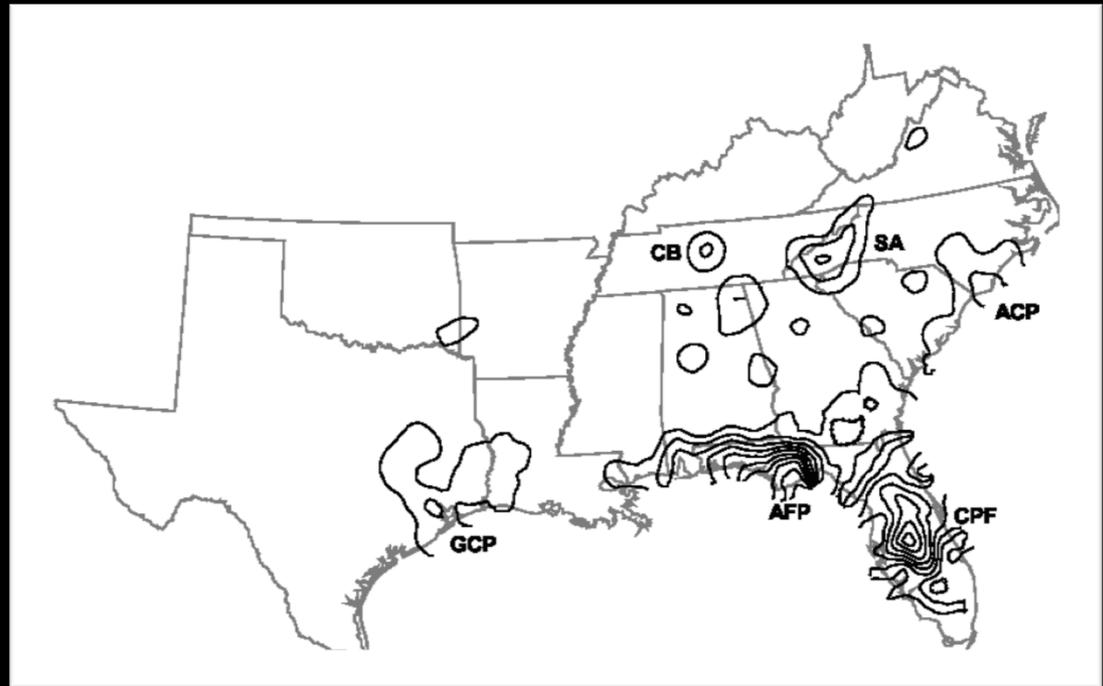
iDigBio Summit 2017

NSF Award 1410069



# The Project

- Southeastern U.S. vascular plants
- 93 collections
- 12 states
  - 28 hubs
- 6 partners
- 4.5M specimens



# Workflow

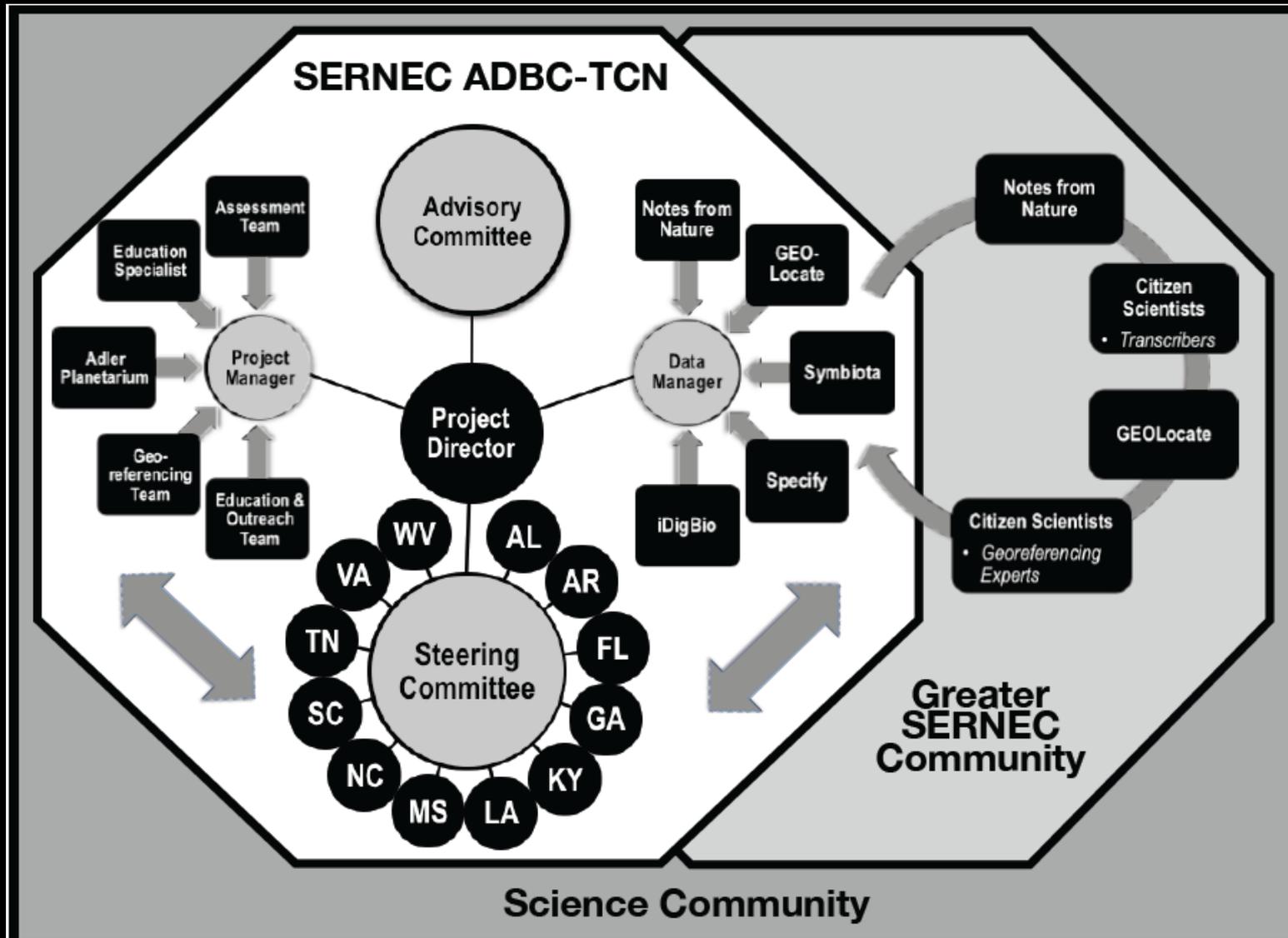
Image / Skeletal Data Capture

Transcription / Georeferencing

Mobilization / Repatriation



# Management & Oversight



# A Story

- Citizen Science Activities
- Label transcription
  - Enhanced workflow
  - Collaboration with BioSpex
  - Participation in WeDigBio



# A Story

- Participation in WeDigBio
  - 19,000 transcriptions
  - 15 SERNEC expeditions
  - Two onsite events with over 2,000 transcriptions in a single day

# Lesson Learned

- Workflow development
  - Valdosta, 2015
  - <http://dx.doi.org/10.3732/apps.1500065>
- Support for multiple workflows and variations
  - Troubleshooting
  - Variations

Thank you!



Notes from Nature .



**Symbiota**

Promoting  
Bio-Collaboration



- TCN PRESENTATIONS (via powerpoint) Each TCN will give a 5-minute lightning presentation that covers: 1. A short overview of your TCN
- 2. One story that highlights your efforts/ accomplishments in workflows, sustainability, collaboration, broader impacts, and/or research use of data, and
- 3. One lesson learned (from something that didn't go as expected) that you think could help other TCNs/PENs, especially those that are just beginning their projects.