

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

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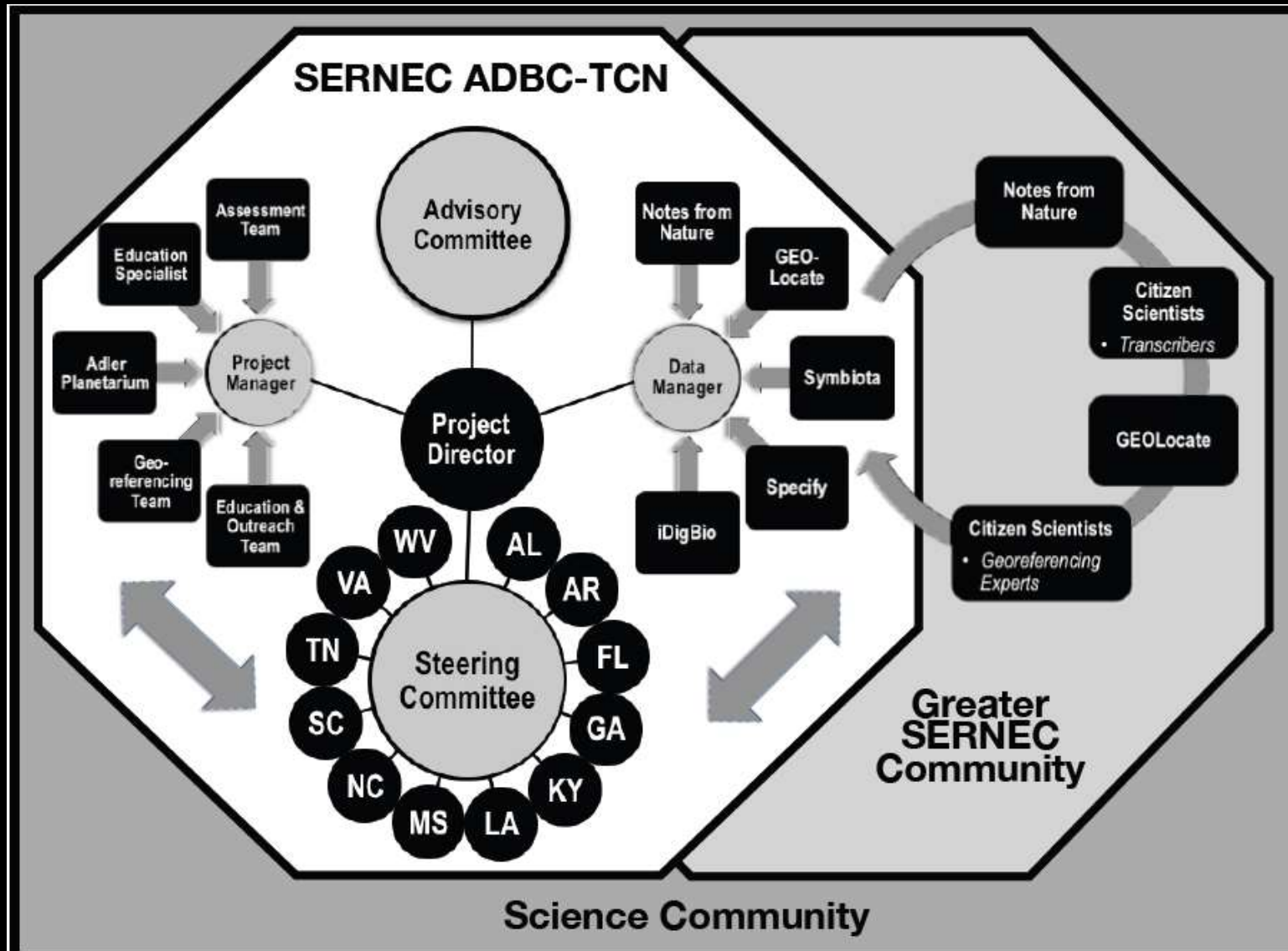


The Project

- Southeastern U.S. vascular plants
- 93 collections
 - 5 via PENs
- 12 states
- 6 partners
- 4.5M specimens



Management & Oversight



Workflow

Image / Skeletal Data Capture

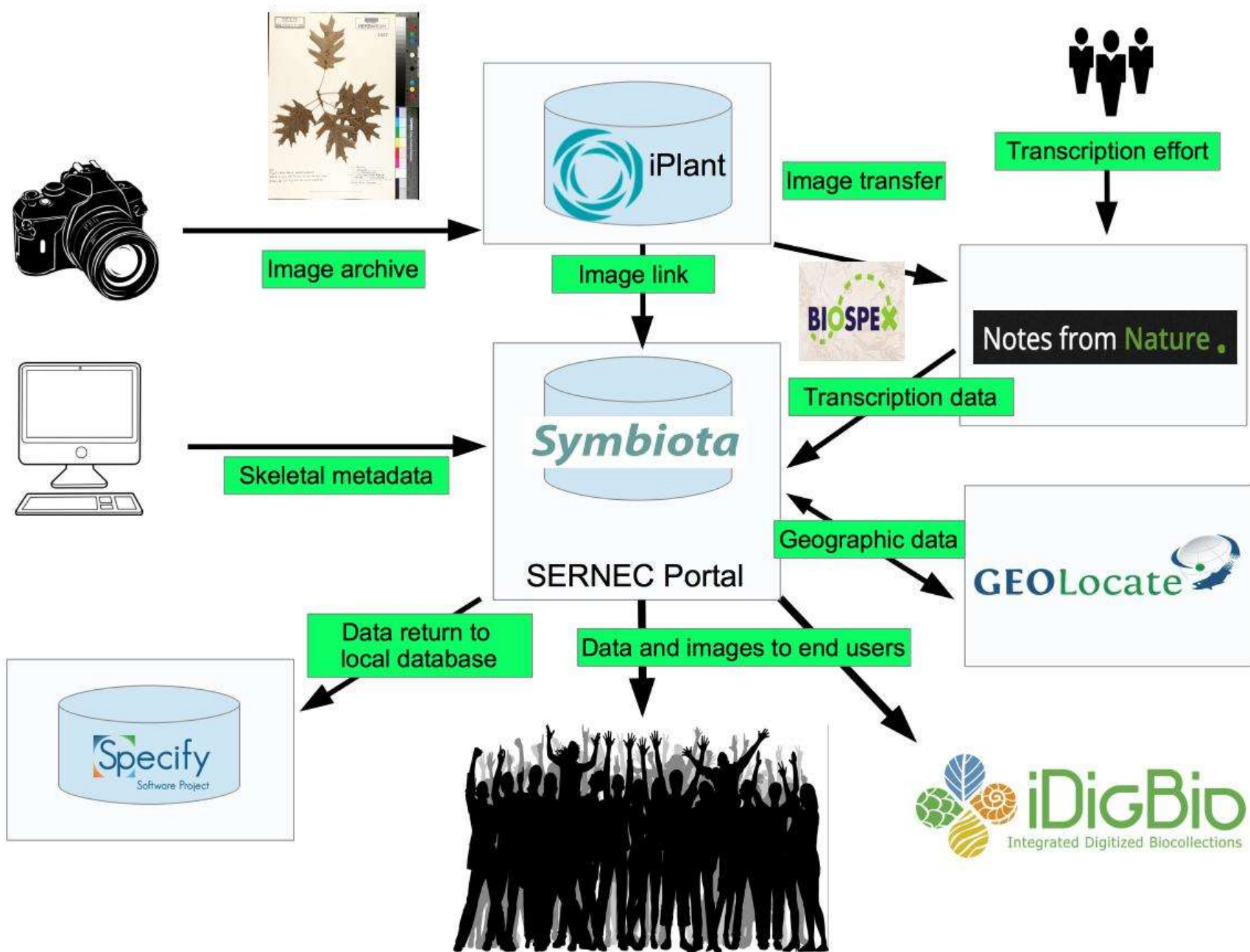
Transcription / Georeferencing

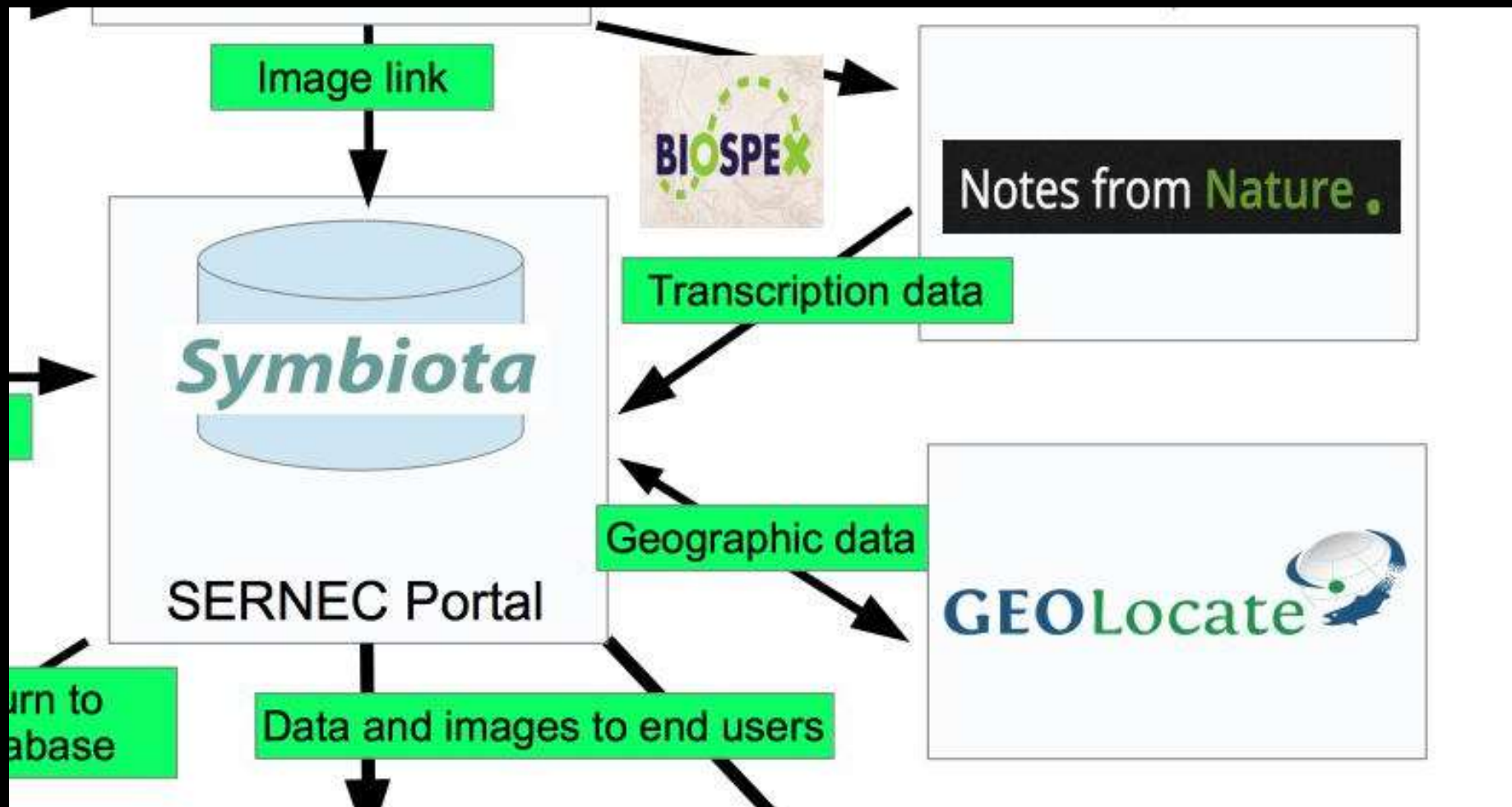
Mobilization / Repatriation



A Story

- Georeferencing
 - Label transcription via Notes from Nature
 - Interoperability between Notes from Nature, Symbiota, GEOLocate
 - Collaborative georeferencing





Feature Summary

- **Thematic (geographic and/or taxonomic, etc.) projects**
- **Georeferencing across collections**
- **Push data into GEOLocate**
- **User authentication**
- **Automated pull of georeferenced records**
- **Review and approve edits as needed**

GeoLocate Community Toolkit

This module extracts specimen records that have text locality details but lack decimal coordinates. These specimens are packaged and delivered directly into the GeoLocate Community Tools.

Processing Status:

Additional Filters:

Select Field Name	EQUALS	<input type="text"/>
Select Field Name	EQUALS	<input type="text"/>

CoGe Status

Match Count: 15396 records

CoGe Authentication: **Disconnected**

Available Communities

To import data into an existing geoLocate community, login to GeoLocate (see above), select the target community, provide a required identifier, an optional descriptive name, and then click the Push Data to GeoLocate button.

Login to GeoLocate and click check status button to list available communities

Data source identifier (primary name):

Description:

* Default query criteria: catalogNumber and locality are NOT NULL, decimalLatitude is NULL, decimalLongitude is NULL



Dashboard

[MY COMMUNITIES](#) [CREATE](#) [JOIN](#) [MY PROFILE](#)

Select a community and click "GO TO COMMUNITY" to navigate to that community's page. The communities you own are marked with ***

Tet5

SERMEC

Asteraceae Group

Gordonia jasanthus *

Rare Dak Species (Quercus) *

GEOLocate Web Application



1 possible location found.



Workbench | 1 possible location found

Georeference | Options | Draw polygon | Place marker | Measure

Locality String:

Country: | latitude: 35.941631 | longitude: -81.84285 | uncertainty: 6667 m | error polygon

State: |

County: |



SERNEC

DATA SOURCES

MEMBERS

SNAPSHOT

SETTINGS

User management operations

- Define users working dataset
- Change users community access levels
- Invite users to this community

Click on an item's header to expand/collapse its content.

sort by date ^

community-wide

JMcKenna joined on: Tuesday, January 19, 2016

Full name: Joseph McKenna

Institution:

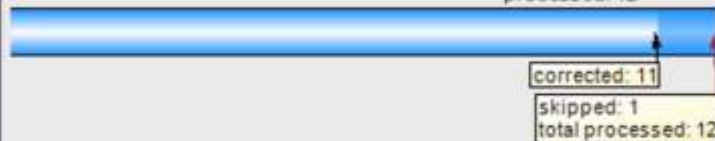
Homepage:

Search query: JMcKenna is allowed to search community-wide.

Access level: JMcKenna is the owner of this community.

Records statistics:

Community specimens processed: 12



Community Localities processed: 9



VIEW WORK

DOWNLOAD WORK

Details Of Work By JMcKenna

	InstitutionCode	CollectionCode	CatalogNumber	ScientificName	Family	Country
+	BOON		3620	Asplenium trichomanes	Aspleniaceae	United States
+	BOON		3589	Asplenium rhizophyllum	Aspleniaceae	United States
+	BOON		3498	Asplenium montanum	Aspleniaceae	United States
- S	BOON		3535	Asplenium platyneuron	Aspleniaceae	United States
	Skipped by	Skip reason		Skipped on		
	JMcKenna	Unable to locate Oakwood in Rutherford County, NC		2/2/2016 11:59:36 AM		
+	BOON		3554	Asplenium trichomanes	Aspleniaceae	United States
+	BOON		3578	Asplenium rhizophyllum	Aspleniaceae	United States
+	BOON		3508	Asplenium nidus	Aspleniaceae	Papua New Guinea
+	BOON		3492	Asplenium montanum	Aspleniaceae	United States
+	BOON		3623	Asplenium trichomanes	Aspleniaceae	United States
+	BOON		3507	Asplenium nidus	Aspleniaceae	Papua New Guinea
+	BOON		3553	Asplenium rhizophyllum	Aspleniaceae	United States
+	BOON		3509	Asplenium nidus	Aspleniaceae	Papua New Guinea

Lesson Learned

- Below targets for georeferencing
- Continuing to develop new collaborations
- First-pass georeferencing
 - 15,000 records, 76% high quality

Thank you!



Notes from Nature .



Symbiota

Promoting
Bio-Collaboration

