iDigBio

Integrated Digitized Biocollections

The Place for Biological Field/Research Stations in Specimen Digitization: Results from Two Examples

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Biological Research/Field Stations

Biological field stations:

- outdoor/indoor laboratories for students, researchers, and the general public
- vary greatly in form and purpose
- standalone or associated with an academic institution
- marine and terrestrial
- usually limited in geographic scope
- often located in and have access to biodiversity hotspots or endemic habitats

~500 worldwide

~265 in the U.S.

Collections in Field/Research Stations

Results from a recent and on-going survey through the OBFS listserv (and elsewhere) suggest that as many as 83% of field stations in the U.S. support biological collections:

- Research
- Identification
- Documentation

Collection Types Represented

Arthropods
Birds
Butterflies and moths
Fish
Insects
Mammals
Marine invertebrates
Mollusks
Plants
Reptiles/amphibians

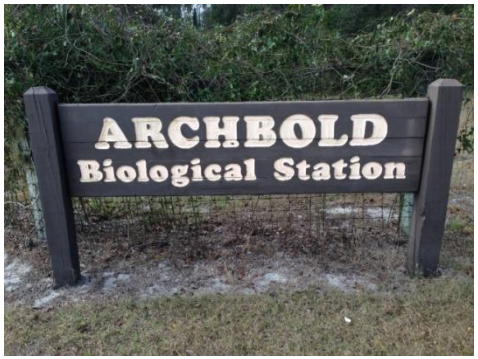
Usually small numbers

Biological Research/Field Stations

Small, potentially with multiple collections
Focused
Research centered
Rich data
Potentially the best representation of a limited geographic area
High value specimens
Not widely disseminated, duplicated, or available

Two examples

TALL TIMBERS
Research Station & Land Conservancy



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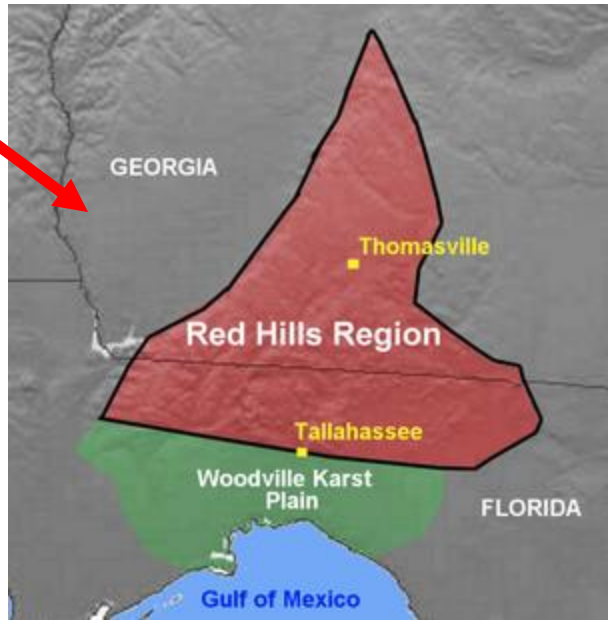
Tallahassee Red Hills Region



TALL TIMBERS

Research Station & Land Conservancy

Biological Collections

Fire ecology

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TALL TIMBERS
Research Station & Land Conservancy

Longleaf Pine Ecosystem
Formerly more than 90 Million acres
Now about 3,000 old growth acres remain
Much of it under the management of Tall Timbers

Collections

- Archeology-Paleontology
- Birds
- Bird Photo Archive
- Insects
- Mammals
- Plants
- Reptiles and Amphibians
- Worms

Imaging station

Unequalled opportunity
for completeness and detail

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Full Specimen Record

Taxonomy

Scientific Name	Lasiurus intermedius
Kingdom	Animalia
Scientific Name Authors	H. Allen, 1862
Taxon Rank	Species
Nomenclatural Status	valid

Specimen

Catalog Number	514
Sex	Male
Institution Code	TTRS
Basis of Record	Specimen

Collection Event

Collected By	W.W. Baker
Verbatim Date Collected	1970-2-15

Locality

Georeference Data

The blue marker indicates the location of the current record, the red points are locations of similar specimens in the idigbio system

View Raw API Record

Record Image

iDigBio Integrated Digitized Biocollections

Specimen 823767
User: Guest [click to login]

About | Browse | Tools | Help

Search images by keywords

Specimen Record: [823767] Scolopax minor

Contributor: Jim Cox
Submitter: Gil Nelson
Group: Tall Timbers
Date Submitted: 2013-02-13
Last Modified: 2013-02-13
Publish Date: 2013-02-20
AOUNO: 228.0
vernacularName: American Woodcock

Specimen Id: 823767
Basis of Record: Specimen
Sex:
Form:
Type Status:
Stage:
DeterminedBy:
Determination Notes:

View the full image

Go to image detail page

Collection

Collector:
Institution: TTRS
Catalog: 279
Date Collected:

Locality

Edit this locality

Locality Id: 827073
Continent:
Water Body:
Country: UNITED STATES
State/Province: Florida
County: Leon
Locality: TTRS
Latitude:
Longitude:
Elevation (m):
Depth (m):

Determination

Kingdom: Animalia
Phylum: Chordata
Class: Aves
Order: Ciconiiformes
Family: Scolopacidae
Genus: Scolopax

Determination annotations

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THE FLORIDA STATE UNIVERSITY
Biology Department
Robert K. Godfrey Herbarium

SEARCH FLORIDA STATE
FSU Biology | Search | GO

- Herbarium Main Page
- People
- Projects
- Contact Information
- Loans and Exchanges
- Visits
- Volunteer!
- Friends
- Robert K. Godfrey
- Links
- Database
- Login

TALL TIMBERS

Specimen Details

Report a Problem

View Image View JPEG
Download JPEG (1.83 MB)
Download TIFF (52.57 MB)

Species:	Acer rubrum
Collection Date (Partial):	1976-04-21
Bar Code ID:	TTRS_000002974
Collectors:	Robert K. Godfrey
Collector's Identifier:	74837
Country:	United States
State or Province:	Florida
County or Parish:	Holmes
Fips Code:	12059
Verbatim Directions to Locality:	**forma tomentosum (Tausch) Siebert and Voss. Slough, E side of Choctawhatchee River, W of Millers Crossroads.

Identification Records

Identifier's Name:	Robert K. Godfrey
Text Identification Date:	1976-04-21
Identification History:	ACER RUBRUM L. TRILOBUM K. KOCH

Related links (open in new browser tab)

USDA PLANTS Database
USDA Plants Database

Atlas of Florida Vascular Plants
USF Atlas of Florida Vascular Plants

ITIS
Integrated Taxonomic Information System

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Welcome to Archbold Biological Station

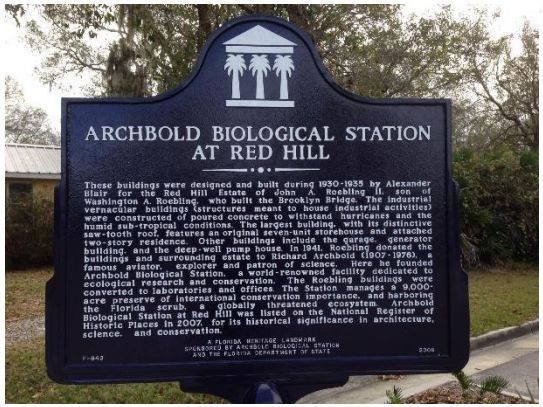
Researchers
Browse our specimen portal

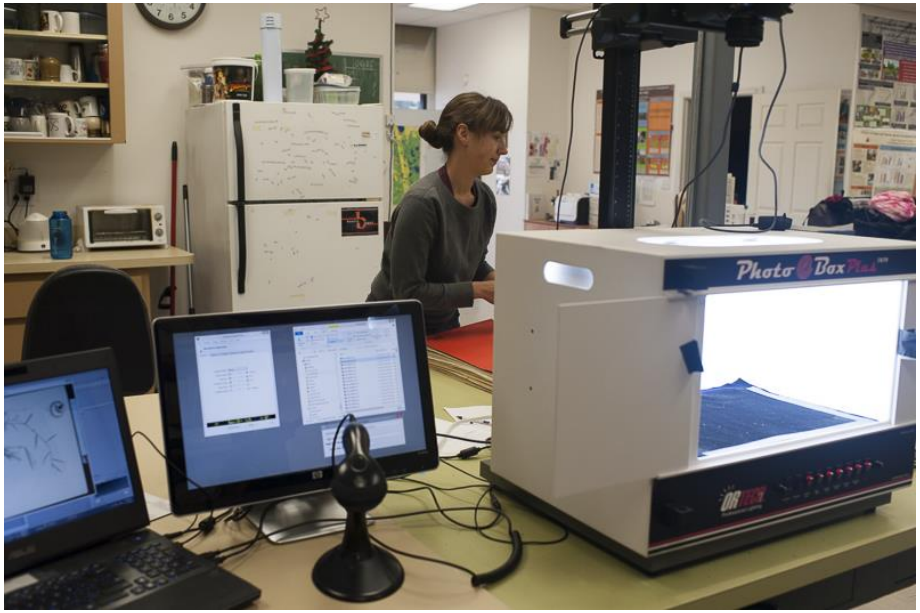
Collections Staff
Learn how your collection can benefit from our work

Teachers & Students
Learning resources & opportunities to engage

Weekend Digitization Blitz Yields 4,276 Specimen Images for Archbold Biological Station

iDigBio, Archbold Biological Station, Tall Timbers Research Station (TTRS), and the Godfrey Herbarium at Florida State University (FSU) teamed up the weekend of January 18th and part of the following week to image Archbold's entire herbarium collection. Joanna McCaffrey and Gil





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Robert K. Godfrey
Herbarium


iDigBio
Robert K. Godfrey Herbarium
at Florida State University

Home >> Collections

Collections to be Searched

Specimens & Observations | Specimens | Observations | Federal Units

Select/Deselect all Collections

North American Network of Small Herbaria

- Archbold Biological Station (ARCH) more info
- Austin Peay State University Herbarium (APSC) more info
- Cochise County Herbarium (CCH) more info
- Jemez Mountain Herbarium (JEMEZ) more info
- Mesa Verde National Park (MEVE) more info
- North Carolina Zoological Park (NCZP) more info
- Sagehen Herbarium (SCFS) more info
- Southwestern Research Station (SWRS) more info
- Tall Timbers Research Station (TTRS) more info
- Trinidad State Junior College (TSJC) more info
- US Forest Service Southwestern Region (TEUI) more info

Archbold Biological Station

ARCH : herbarium

Catalog #: ARCH03815
Occurrence ID (GUID): urn:uuid:74bc2338-e58e-4dfc-85dc-8747395808de
Secondary Catalog #: 3815
Taxon: *Prunus geniculata* Harper
Family: ROSACEAE
Collector: A. F. Johnson s.n.
Date: 06 March 1981
Locality: U.S.A., Florida, Highlands, Venus 1957 (7.5') Quadr, T38S R30E S10, E of US27, Hendrie Ranch
Habitat: Local population of 4 shrubs in semishade of sand pines in the middle of an extensive rosemary bald.

Specimen Images

Large Version

Record Id: a3923c61-0413-4930-8863-bece2707c1e4

For additional information on this specimen, please contact: Menges, Eric (EMenges@archbold-station.org)
See an error? Login to edit data


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