The Atlas of Florida Vascular Plants is a joint effort by the Institute for Systematic Botany, the University of South Florida and the Florida Center for Community Design & Research to provide users with a comprehensive searchable database of vascular plants in the State of Florida.

Florida, with over 4,200 species of native or naturalized ferns and seed plants, is the third most floristically diverse state in the United States. The Atlas of Florida Vascular Plants provides a source of information for the distribution of plants within the state.

Learn more about the Plant Atlas

Browse the Plant Atlas By Map

Select a county below to view plant species for that county. Hover over a county to view the county name.

Institute for Systematic Botany

The Institute for Systematic Botany of the Cell Biology, Microbiology, and Molecular Biology Department at the University of South Florida was established in 1990 to promote basic research in plant systematics and to coordinate research, educational and service programs in plant systematics.

Learn more about the ISB

View the Specimen Database

Outside Links

Links to other plant related resources.

View relevant external links

How to link to the Plant Atlas

The Plant Atlas has been designed to allow external websites to dynamically link to individual species and issue URL-based searches. This method allows you to link to the Atlas without knowing individual unique species identifiers.

1. Use the following syntax to link to a species page on the Atlas:
   http://www.floridaplantatlas.usf.edu/results.aspx?q=Genus+species

2. Search for species within a specific family (and link to family page) using this syntax:
   http://www.floridaplantatlas.usf.edu/results.aspx?q=Genus:Family#
Atlas of Florida Vascular Plants: organization of tutorial

1. Searches
   - basic search
   - advanced
   - browsing

2. Managing Lists

3. Species, Family, & Genus pages

4. Citation Search

5. Herbarium Specimen Search
ATLAS STATISTICS - shows no. of native/naturalized plant species, photos, and no. of databased herbarium specimens
Searches
-all results are a list of taxa

<table>
<thead>
<tr>
<th>Accepted Name</th>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Family</th>
<th>Genus</th>
<th>Specimens</th>
<th>Photo</th>
<th>Compare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrus precatorius</td>
<td>Abrus</td>
<td>ROSEMARY PEPPER</td>
<td>fabaceae</td>
<td>Abrus</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acacia farnesiana</td>
<td>Acacia</td>
<td>SWEET ACACIA</td>
<td>fabaceae</td>
<td>Acacia</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acalypha aspera</td>
<td>Acalypha</td>
<td>DEVIL'S HORSEHIRE</td>
<td>amaranthaceae</td>
<td>Acalypha</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acocella oppositifolia</td>
<td>Acocella</td>
<td>OPPOSITELY SPOTTED</td>
<td>asteraceae</td>
<td>Acocella</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acrostichum daniellii</td>
<td>Acrostichum</td>
<td>GIANT LEATHER PERN</td>
<td>pteridaceae</td>
<td>Acrostichum</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aeschynanthus purpurea</td>
<td>Aeschynanthus</td>
<td>PURPLE FALSE FOXGL</td>
<td>dracunculaceae</td>
<td>Aeschynanthus</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetris lutea</td>
<td>Acetris</td>
<td>YELLOW COLCROOT</td>
<td>nartheciaceae</td>
<td>Acetris</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ageratina austriaca</td>
<td>Ageratina</td>
<td>SOUTHERN AMARANTH</td>
<td>amaranthaceae</td>
<td>Ageratina</td>
<td>✓</td>
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<td></td>
</tr>
<tr>
<td>Amaranthus hybridus</td>
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<td>amaranthaceae</td>
<td>Amaranthus</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amaranthus spinosus</td>
<td>Amaranthus</td>
<td>SLIMY AMARANTH</td>
<td>amaranthaceae</td>
<td>Amaranthus</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amaranthus vitulis</td>
<td>Amaranthus</td>
<td>SLIMY AMARANTH</td>
<td>amaranthaceae</td>
<td>Amaranthus</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ambrosia artemisiae</td>
<td>Ambrosia</td>
<td>COMMON RAGWEED</td>
<td>asteraceae</td>
<td>Ambrosia</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annonaria latifolia</td>
<td>Annonaria</td>
<td>PINK REDSTEM</td>
<td>lythraceae</td>
<td>Annonaria</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angelopirus arboreus</td>
<td>Angelopirus</td>
<td>PEPPERPLANT</td>
<td>vitaceae</td>
<td>Angelopirus</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amphilipus pulvinifolius</td>
<td>Amphilipus</td>
<td>BLUE MAIDENCANE</td>
<td>poaceae</td>
<td>Amphilipus</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amphilipus miniata</td>
<td>Amphilipus</td>
<td>CHAFFWEED</td>
<td>primulaceae</td>
<td>Amphilipus</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Basic Search (top search bar)

- Scientific name (Latin name) - default
- Common name
- Genus
- Family
- County of occurrence

About the Plant Atlas

The Atlas of Florida Vascular Plants is a joint effort by the Institute for Systematic Botany, the University of South Florida and the Florida Center for Community Design + Research to provide users with a comprehensive searchable database of vascular plants in the State of Florida.

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Learn more about the Plant Atlas »

Browse the Plant Atlas By Map
String Search:
- looks for exact match
- like using quotations in Google
- each character matters and must be in the correct order (includes spaces, letters, periods)
Basic Search (scientific name) for *Serenoa repens*

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Family</th>
<th>Genus</th>
<th>Specimens</th>
<th>Photo</th>
<th>Compare</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Serenoa repens</em></td>
<td>SAW PALMETTO</td>
<td>ARECACEAE</td>
<td>Serenoa</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

For more information, contact: Dr. Richard Wunderlin or Dr. Bruce Hansen

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Citation Information:
### Search Results for "repens"

#### Display Options:
- Records per Page: 25
- Results View: Gallery | Grid - Custom
- Column Descriptions

#### Search Parameters:
- Change Search Criteria

#### Results:
<table>
<thead>
<tr>
<th>Accepted Name</th>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Family</th>
<th>Genus</th>
<th>Specimens</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accepted Name</td>
<td>Acemella oppositifolia var. repens</td>
<td>OPPOSITE LEAF SPOTTOWER</td>
<td>ASTERACEAE</td>
<td>Acemella</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Bacopa repens</td>
<td>CREEPING WATERHYSSOP</td>
<td>PLANTAGINACEAE</td>
<td>Bacopa</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Callisia repens</td>
<td>CREEPING INCHLANT</td>
<td>COMMELINACEAE</td>
<td>Callisia</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Epigaea repens</td>
<td>TRAILING ARBUTUS</td>
<td>ERICACEAE</td>
<td>Epigaea</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Habenaria repens</td>
<td>WATERSPIDER FALSE REINORCHID</td>
<td>ORCHIDACEAE</td>
<td>Habenaria</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Hypolepis repens</td>
<td>CREEPING BRAMBLE FERN</td>
<td>DENSTRAEFITCACEAE</td>
<td>Hypolepis</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Juncus repens</td>
<td>LESSER CREEPING RUSH</td>
<td>JUCAEAE</td>
<td>Juncus</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Lespedeza repens</td>
<td>CREEPING LESPEDEZA</td>
<td>FABACEAE</td>
<td>Lespedeza</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Ludwigia repens</td>
<td>CREEPING PRIMROSEWILLOW</td>
<td>ONAGRACEAE</td>
<td>Ludwigia</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Melinis repens</td>
<td>ROSE NATALGRASS</td>
<td>POACEAE</td>
<td>Melinis</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Mitchellia repens</td>
<td>PARTRIDGEBERRY, TWINBERRY</td>
<td>RUBIACEAE</td>
<td>Mitchellia</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Panicum repens</td>
<td>TORPEDOGRASS</td>
<td>POACEAE</td>
<td>Panicum</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Paspalum repens</td>
<td>WATER PASPALUM</td>
<td>POACEAE</td>
<td>Paspalum</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Berenice repens</td>
<td>SAW PALMETTO</td>
<td>ARECACEAE</td>
<td>Berenice</td>
<td>Any</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Trifolium repens</td>
<td>WHITE CLOVER; DUTCH CLOVER</td>
<td>FABACEAE</td>
<td>Trifolium</td>
<td>Any</td>
<td></td>
</tr>
</tbody>
</table>

Search results returned in 0.3 seconds
Basic search (common name): saw palmetto
### Basic Search (genus)

#### Search Results for "sab"

**Display Options:**
- Records per Page: 25
- Results View: Gallery | Grid - Custom
- Column Descriptions

**Search Parameters:**
- Search String: sab
- Qualifier: ANY
- Synonyms: YES
- Search Category: Genus
- County: ANY
- Natives: ANY
- Endemics: ANY
- EPPE: ANY
- WAP: ANY
- Wetland Status: NWI
- ANY DEP: ANY
- Listed Status: State: ANY US: ANY

#### Plant species that match your Genus search on sab are shown below. For quick access to detailed Genus information, select from this list:

<table>
<thead>
<tr>
<th>Accepted Name</th>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Family</th>
<th>Genus</th>
<th>Specimens</th>
<th>Photo</th>
<th>Compare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accepted Name</td>
<td>Sabal etonia</td>
<td>SCRUB PALMETTO</td>
<td>ARECACEAE</td>
<td>Sabal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabal minor</td>
<td>DWARF PALMETTO; BLUESTEM PALM</td>
<td>ARECACEAE</td>
<td>Sabal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabal palmetto</td>
<td>CABBAGE PALM</td>
<td>ARECACEAE</td>
<td>Sabal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabal x micrantha</td>
<td>ROSEPIINK</td>
<td>ARECACEAE</td>
<td>Sabal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabal angulalis</td>
<td></td>
<td>GENTIANACEAE</td>
<td>Sabatia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabatia brevifolia</td>
<td>SHORTLEAF ROSEGENTIAN</td>
<td>GENTIANACEAE</td>
<td>Sabatia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabatia calyctica</td>
<td>COASTAL ROSEGENTIAN</td>
<td>GENTIANACEAE</td>
<td>Sabatia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabatia campanulata</td>
<td>SLENDER ROSEGENTIAN</td>
<td>GENTIANACEAE</td>
<td>Sabatia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabatia decandra</td>
<td>BARTRAM'S ROSEGENTIAN</td>
<td>GENTIANACEAE</td>
<td>Sabatia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabatia diffusa</td>
<td>LANCELEAF ROSEGENTIAN</td>
<td>GENTIANACEAE</td>
<td>Sabatia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabatia dodecandra</td>
<td>MARSH ROSEGENTIAN</td>
<td>GENTIANACEAE</td>
<td>Sabatia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabatia acuminata</td>
<td>PINWoods ROSEGENTIAN</td>
<td>GENTIANACEAE</td>
<td>Sabatia</td>
<td></td>
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</tr>
<tr>
<td>Accepted Name</td>
<td>Sabatia grandiflora</td>
<td>LARGEFLOWER ROSEGENTIAN</td>
<td>GENTIANACEAE</td>
<td>Sabatia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Sabatia macrophylla</td>
<td>LARGELEAF ROSEGENTIAN</td>
<td>GENTIANACEAE</td>
<td>Sabatia</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Basic Search (family)

**Search Results for "myr"**

#### Display Options:
- Records per Page: 25
- Results View: Gallery, Grid - Custom
- Column Descriptions

#### Search Parameters:
- Search String: myr
- Qualifiers: ANY
- Synonyms: YES
- Search Category: Family
- County: ANY
- Nativity: ANY
- Endemic: ANY
- EPP: ANY
- WAP: ANY
- Wetland Status: NWI: ANY DEP: ANY
- Listed Status: State: ANY US: ANY
- Change Search Criteria

#### Records are being filtered, turn off?

<table>
<thead>
<tr>
<th>Accepted Name</th>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Family</th>
<th>Genus</th>
<th>Specimens</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ardisia crenata</td>
<td><em>Ardisia crenata</em></td>
<td>SCRAUNCHTHR</td>
<td>MYRINACEAE</td>
<td>Ardisia</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Ardisia elliptica</td>
<td><em>Ardisia elliptica</em></td>
<td>SHOEBUTTON</td>
<td>MYRINACEAE</td>
<td>Ardisia</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Ardisia escallonioides</td>
<td><em>Ardisia escallonioides</em></td>
<td>HARLEBERRY</td>
<td>MYRINACEAE</td>
<td>Ardisia</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Ardisia japonica</td>
<td><em>Ardisia japonica</em></td>
<td>JAPANESE ARDISIA</td>
<td>MYRINACEAE</td>
<td>Ardisia</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Ardisia solanacea</td>
<td><em>Ardisia solanacea</em></td>
<td>CHINE-ARDEA</td>
<td>MYRINACEAE</td>
<td>Ardisia</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Calyptrothrix pallens</td>
<td><em>Calyptrothrix pallens</em></td>
<td>PALE LIDFLOWER</td>
<td>MYRTACEAE</td>
<td>Calyptrothrix</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Calyptrothrix surinamensis</td>
<td><em>Calyptrothrix surinamensis</em></td>
<td>MYRTLE-OF-THE-RIVER</td>
<td>MYRTACEAE</td>
<td>Calyptrothrix</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Eucalyptus camaldulensis subsp. acuta</td>
<td><em>Eucalyptus camaldulensis subsp. acuta</em></td>
<td>RIVER REDGUM</td>
<td>MYRTACEAE</td>
<td>Eucalyptus</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Eucalyptus grandis</td>
<td><em>Eucalyptus grandis</em></td>
<td>GRAND EUCALYPTUS</td>
<td>MYRTACEAE</td>
<td>Eucalyptus</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Eucalyptus robusta</td>
<td><em>Eucalyptus robusta</em></td>
<td>SYAMMAHOGOYANT</td>
<td>MYRTACEAE</td>
<td>Eucalyptus</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Eucalyptus tereticornis</td>
<td><em>Eucalyptus tereticornis</em></td>
<td>TORELL'S BULACALFUS; CADAGA</td>
<td>MYRTACEAE</td>
<td>Eucalyptus</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Eugenia axillaris</td>
<td><em>Eugenia axillaris</em></td>
<td>WHITE STOPPER</td>
<td>MYRTACEAE</td>
<td>Eugenia</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Eugenia confusa</td>
<td><em>Eugenia confusa</em></td>
<td>REDBERRY STOPPER; REDBERRY EUGENIA</td>
<td>MYRTACEAE</td>
<td>Eugenia</td>
<td>✔️</td>
<td></td>
</tr>
</tbody>
</table>
Basic Search (county)
- “ton” will yield all species that occur in any of 3 counties with “ton” in their name (Hamilton, Walton, Washington)
Any Part of Field: any part of species name

Start of Field: must include first letter of species name
  (e.g. “Seren” but not “erenoa repens”)

End of Field: must include last letter of species name
  (e.g. “epens” but not “oa repe”)

Exact Match Only: must have full species name
  (e.g. “Serenoa repens”)

Advanced Search
Search for specific plant species using some or all of the criteria on this page.

Enter keywords: (leave blank to search for all possibilities)
Records per page: 25

Match type:
- Any Part of Field
- Start of Field
- End of Field
- Exact Match Only

In this category:
- Scientific Name

Search
Same choices as Basic Search

• “Infraspecies” added
  - searches terms after specific epithet
  - retrieves only varieties, subspecies
  - search for “var.” or “subsp.” lists all
By default, all 3 are selected

Search is hierarchical (accepted > synonyms > excluded)

- if query matches an “accepted name” only those are listed
- if query finds no match to “accepted”, then “synonyms” are matched & listed
- if query finds no match to “accepted” or “synonyms” then “excluded names” are listed
Advanced Search

Search for specific plant species using some or all of the criteria on this page.

Enter keywords: (leave blank to search for all possibilities)
Records per page: 25

Match type: Any Part of Field  In this category: Scientific Name

Include Accepted Names
Include Synonyms
Include Excluded Names

Additional Search Options:
Click on the names of the underlined options to display help information about a specific parameter.
Help messages are shown in popup windows that can be hidden by hitting the Esc key or clicking on the close button at the top right.

Nativity: Non-Native
Endemic: Any
EPPC: Any
WAP: Any
Wetland Status: DEP: Any
Wetland Status: NWI: Any
State Listed Status: Any
US Listed Status: Any

Filter By County:
To search for plants within specific counties, select one or more counties from the Available Counties list on the left and click on the Exclude button.

List of all non-native taxa
- 1,403 non-native species of 4,272 total species
Advanced Search: County filter, “any” vs. “all”

Filter By County:
To search for plants within specific counties, select one or more counties from the Available Counties list on the left and click the Include button. Counties may also be excluded from search results by using the Exclude button.

Available Counties:

Filter County - Counties to Include - ANY versus ALL
- Any - An Any search will combine the list of counties to include with a Boolean Or. Plant species returned will be found within at least one of the selected counties.
- All - An All search will combine the list of counties to include with a Boolean And. Plant species returned will be found within each of the selected counties.

Filter County - Counties to Exclude - ANY versus ALL
- Any - An Any search will combine the list of counties to exclude with a Boolean Or. Plant species returned will not be found within at least one of the selected counties.
- All - An All search will combine the list of counties to exclude with a Boolean And. Plant species returned will not be found within any of the selected counties.
List of species near their northern limit in Orange Co.
(leave search field blank)
Or also in Miami-Dade but not in 4 counties north of Orange
• 54 species with tropical affinity or near northern limit in Orange Co.
In **all** 4 surrounding counties but not Orange Co.

Useful for searching for potentially new county records
• 45 species in all 4 surrounding counties but not Orange Co.
• Probably occurs in Orange Co. but as of yet undocumented
List of all grasses recorded for a tri-county area (select “any”) - useful for ID of an unknown grass from the area
• 183 Poaceae (grasses) in the 3 counties
vs.
• 440 grasses in the state
- **Hypericum** (genus) - St. Johns Wort
- Orange Co.
- 10 species
- vs. 31 in state

### Search Results for "hypericum"

<table>
<thead>
<tr>
<th>Accepted Name</th>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Family</th>
<th>Genus</th>
<th>Specimens</th>
<th>Photo</th>
<th>Compare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hypericum brachyphyllum</td>
<td>COASTALPLAIN ST.JOHN’S-WORT</td>
<td>CLUSIACEAE</td>
<td>Hypericum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypericum cistifolium</td>
<td>ROUNDPOD ST.JOHN’S-WORT</td>
<td>CLUSIACEAE</td>
<td>Hypericum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypericum cruz-andreae</td>
<td>ST.PETER’S-WORT</td>
<td>CLUSIACEAE</td>
<td>Hypericum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypericum fasciculatum</td>
<td>SANDWICH; PEBBLEB ST.JOHN’S-WORT</td>
<td>CLUSIACEAE</td>
<td>Hypericum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypericum genticoides</td>
<td>PINENEWS; ORANGEGRASS</td>
<td>CLUSIACEAE</td>
<td>Hypericum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypericum hypericoides</td>
<td>ST.ANDREW’S-CROSS</td>
<td>CLUSIACEAE</td>
<td>Hypericum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypericum multiflorum</td>
<td>DWARF ST.JOHN’S-WORT</td>
<td>CLUSIACEAE</td>
<td>Hypericum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypericum myrtifolium</td>
<td>MYRTLELEAF ST.JOHN’S-WORT</td>
<td>CLUSIACEAE</td>
<td>Hypericum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypericum tenuifolium</td>
<td>ATLANTIC ST.JOHN’S-WORT</td>
<td>CLUSIACEAE</td>
<td>Hypericum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypericum tetrapetalum</td>
<td>FOURPETAL ST.JOHN’S-WORT</td>
<td>CLUSIACEAE</td>
<td>Hypericum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Search results returned in 0.8 seconds
Synonyms

- ca. 40,000

(specific names synonymous with an already described species name)

clicking on synonym links to the accepted species page
Excluded species
-ca. 3,000 species
(not known from Florida but reported by others)
Excluded page explains reason for exclusion
Browse: click on county on map to view all species from that county.
Browse:

County, Family, Genus, Scientific & Common Names

- alphabetical list of all possibilities

Classification

- alphabetical within 4 classification groups
Browse by County:

Example:
select Orange

“select all” on counties to exclude & deselect Orange

This example will list species recorded only in Orange Co. and nowhere else in Florida (waifs)
• 4 species recorded only from Orange Co. and nowhere else in Florida (waifs)
- 23 species endemic to Highlands/Polk Cos. (Lake Wales Ridge)
# Browse by Family:

## Browse Plants by Family

Select a tab to display names starting with that letter; click on a Family name to view plants within that Family.

Families for which all Florida specimens are completely databased are labeled with this icon: ![Icon]

Families that are not currently recognized here are shown in a non-bolded, italicized font (e.g. *NonRecognizedFamilyName*). Clicking on these families will result in plants for the family to which the plants have been transferred.

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| ACANTHACEAE | ACERACEAE | ADIANTACEAE | ADOXACEAE | AGAVACEAE |
| AGASTCHIDACEAE | AIZOACEAE | ALISMATACEAE | ALLIACEAE | ALSTROEMERIACEAE |
| ALTINGIACEAE | AMARANTHACEAE | AMARYLLIDACEAE | ANACARDIACEAE | ANNONACEAE |
| ANThERICACEAE | APIACEAE | APICYNACEAE | AQUIFOLIACEAE | ARACEAE |
| ARALIACEAE | ARAUCARIACEAE | ARECACEAE | ARISTOLOCHIACEAE | ASCLEPIADACEAE |
| ASPARAGACEAE | ASPHODELACEAE | ASPLENIACEAE | ASTERACEAE | AVICENNACEAE |

*Return to Top*

Family links produce a list of all species in the family

- Icon denotes families for which all USF herbarium specimens from Florida are databased

- Italics indicate family synonym and link to the accepted family
-link produces list of all species within the genus

**Browse Plants by Genus**

Select a tab to display names starting with that letter; click on a Genus name to view plants within that Genus.
### Browse by Scientific Name

Select a tab to display names starting with that letter; click on a Scientific Name to view plants within that Scientific Name.

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| Aboeria grandiflora | Abellmoschus esculentus | Abildaerga ovata | Abrus precatorius | Abutilon grandifolium |
| Abutilon birtum | Abutilon hirsutum | Abutilon permelle | Abutilon theophrasti |
| Acacia auriculiformis | Acacia chortophylla | Acacia cornigea | Acacia farnesiana |
| Acacia pinetorum | Acacia retinodes | Acacia sphaerocephala | Acacia tortuosa |
| Acalypha amentacea subsp. vilkesiana | Acalypha arvensis | Acalypha chamaedrifolia | Acalypha gracilens |
| Acalypha rhomboides | Acalypha setosa | Acanthocerus tetragonus | Acanthospermum australe |
| Acanthospermum humile | Acer negundo | Acer rubrum | Acer saccharinum |
| Acer saccharum subsp. leucoderme | Achillea millefolium | Aechanthes aspera | Aechanthes aspera var. pubescens |
| Aechanthes subulata | Aechanthes umbellata | Aechanthes valesia | Aechanthes valesia var. valesia |

### Browse by Common Name

Select a tab to display names starting with that letter; click on a Common Name to view plants within that Common Name.

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| ABRID-TIP MAIDEN | ABYSSINIAN MUSTARD | ABRIDLEGRASS | ACHICORIA AZUL | ACIDSWAMP YELLOWEYED |
| FERN | | | | GRASS |
| ACINA'S STAR ORCHID | ACUTE SPIKERUSH | ADAM'S NEEDLE | AFRICAN BIRD'S-EYE BUSH |
| AFRICAN BRISTLEGRASS | AFRICAN BUSHDAISY | AFRICAN DAISY | AFRICAN BUMMEAGGRASS |
| AFRICAN MAHOGANY | AFRICAN OIL PALM | AFRICAN ROSEMAILOW | AFRICAN HORNER |
| CUCUMBER | | | CHERISH |
| AIR-POTATO | ALABAMA AZALEA | ALABAMA BEAKRUSH | ALABAMA CHERRY |
| ALABAMA LIP FERN | ALABAMA MILEVINE | ALABAMA SPINDY POD | ALABAMA SUPPLEJACK |
| ALEXANDRIAN LAUREL | ALFALFA | ALGAL BULRUSH | ALLEGHENY SPURGE |
| ALLIGATORLILY | ALLIGATORWEEED | ALLOPE | AMALIAS |
| ALLSECO CLOVER | ALTERNATELEAF DOGWOOD | ALYCE CLOVER | AMORPHASTI |
| AMERICAN BEECH | AMERICAN BELLFLOWER | AMERICAN BLACK NIGHTSHADE | AMERICAN BEAUTYBEAR |
| AMERICAN BELLFLOWER | | | AMERICAN BEAUTYBEAR |
Browse by Classification:

Family links produce a list of genera

The genera links then produce a list of species
Managing Lists

Lists can be exported and saved as an excel file (.xls)

Green checkmark under “Specimens” links to herbarium specimens

Camera icon under “Photo” links to species page, displaying the photo gallery
Managing Lists

Lists can be customized

Customized lists can again be exported and saved (.xls)
Managing Lists

Here “thumbnail photo”, “native”, “status (state)” have been added and “common name”, “family”, and “genus” removed

“Gallery” view also shows thumbnails
### Managing Lists

**Browse Results for your 1 Genus selection**

<table>
<thead>
<tr>
<th>Record Format</th>
<th>Accepted Name</th>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Family</th>
<th>Genus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accepted Name</td>
<td><em>Acalypha</em> sp.</td>
<td><em>Acalypha</em> sp.</td>
<td><em>Acalypha</em> sp.</td>
<td><em>Acalypha</em> sp.</td>
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<td><em>Acalypha</em> sp.</td>
<td><em>Acalypha</em> sp.</td>
<td><em>Acalypha</em> sp.</td>
</tr>
</tbody>
</table>

**Compare Records**

Species can be compared by checking box and clicking “Compare Records”
4,272 pages for 4,272 taxa

1. Main summary
2. Classification
3. Citation
4. Source
5. Synonyms
6. Map-Photos
7. Links
Links to Species Pages

Search results

Scientific/common name browse

Genus page

Herbarium search results
1. Main Summary

FAMILY: provides family with link to family page

SPECIES: species name with authorship

COMMON NAME

PLANT NOTES: (not currently used)

STATUS: (nativity, wetlands classification, listed status, invasive status), clicking on status links opens pop-up explanation

SPECIMEN: link to herbarium specimens
Salvinia minima

- Clicking on EPPC(I) gives an explanation

** Not applicable or data not available.

**

EPPC: Exotic Pest Plant Council

EPPC: Source - Florida Exotic Pest Plant Council's 2007 List of Florida's Most Invasive Species

Category I - Species that are invading and disrupting native plant communities in Florida. This definition does not rely on the economic severity or geographic range of the problem, but on the documented ecological damage caused.

Category II - Species that have shown a potential to disrupt native plant communities. These species may become ranked as Category I, but have not yet demonstrated disruption of natural Florida communities.
2. Classification

- Family level classification
- Genus level classification
- Species with authorship and common name
3. Citation

Citation: currently accepted name with publication details

Basionym: 1<sup>st</sup> validly published name which may be used in other combinations

Type: specimen/illustration which establishes the species name (not all species have designated types)

**SABAL PALMETTO (Walter) Loddiges ex Schultes & Schultes f., in Roemer & Schultes, Syst. Veg. 7: 1487. 1830.**

**Basionym:** Corypha palmetto Walter 1788.


**Not applicable or data not available.**
4. Source (map)

List of counties of occurrence (which is used to produce the distribution map)

Herbarium containing voucher for each county (only one is listed, if held at USF only USF is listed for convenience of data management)

Some counties are vouched by the literature if reported by reputable monographs or publications without known specimens
5. Synonyms

List of names designated as synonyms of accepted name

List attempts to list all known synonyms

Green dot indicates a synonym relevant to Florida

Same information as Citation box

5. Synonyms
6. Map-Photos

Map showing known occurrence

Green shading indicates species is known from that county
6. Map-Photos

Photo Gallery – thumbnail slideshow replaces map
6. Map-Photos

Fullscreen Slideshow
6. Map-Photos

Photo Resize Tool - allows resizing of photo
7. Links

Links to other websites possibly related to this species
Family Page

Similar to species page, shows distribution of family in the state
Lists genera, which link to genus pages
Has link to search for family in the “herbarium specimen search”
Links to Family Page
Genus Page

Sabal

Family: ARECACEAE
Common Name: PALMETTO

Specimen: Search the USF Herbarium Specimen Database for specimens within this genus

Classification
Family: ARECACEAE
Genus: Sabal

Citation
SABAL Adans., Fam. Pl. 495, 599. 1763.

Basionym:

Type:

** Not applicable or data not available.

Species

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sabal etonia</td>
<td>SCRUB PALMETTO</td>
</tr>
<tr>
<td>Sabal minor</td>
<td>DWARF PALMETTO; BLUESTEM PALM</td>
</tr>
<tr>
<td>Sabal palmetto</td>
<td>CABBAGE PALM</td>
</tr>
<tr>
<td>Sabal x miamiensis</td>
<td></td>
</tr>
</tbody>
</table>

For more information, contact: Dr. Richard Wunderlin or Dr. Bruce Hansen
© 2011 Institute for Systematic Botany | Data last modified: 10/7/2011
Web Development: The Florida Center for Community Design + Research

Same format as family page
Links to Genus Page
About the Plant Atlas

The Atlas of Florida Vascular Plants is a joint effort by the Institute for Systematic Botany, the University of South Florida and the Florida Center for Community Design + Research to provide users with a comprehensive searchable database of vascular plants in the State of Florida.

Florida, with over 4,200 species of native or naturalized ferns and seed plants, is the third most floristically diverse state in the United States. The Atlas of Florida Vascular Plants provides a source of information for the distribution of plants within the state.

Learn more about the Plant Atlas »

Browse the Plant Atlas By Map

Select a county below to view plant species for that county. Hover over a county to view the county name.
Citation Search

Searches both accepted species names and synonyms are searched

**Citation**

<table>
<thead>
<tr>
<th>Citation</th>
<th>SABAL PALMETTO (Walter) Loddiges ex Schultes &amp; Schultes f., in Roemer &amp; Schultes, Syst. Veg. 7: 1487. 1830.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basionym</td>
<td>Corypha palmetto Walter 1788.</td>
</tr>
</tbody>
</table>

**Synonyms**

- Denotes synonyms that are applicable to the state. **Show these synonyms only**

<table>
<thead>
<tr>
<th>Synonym</th>
<th>Full Citation</th>
<th>Basionym</th>
<th>Type</th>
</tr>
</thead>
</table>

+ Expand All
Citation Search: search for “small” in the citation yields all species authored by John Kunkel Small and all species named after him.

<table>
<thead>
<tr>
<th>Taxon Type</th>
<th>Scientific Name</th>
<th>Citation</th>
<th>Basionym</th>
<th>Type</th>
</tr>
</thead>
</table>
### Citation Search Results for "bartram"

<table>
<thead>
<tr>
<th>Taxa Type</th>
<th>Scientific Name</th>
<th>Citation</th>
<th>Basionym</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonym</td>
<td>Acacia virgata</td>
<td>Acacia virgata Rafinesque, fl. Ludov. 156. 1817, nom. provis. et non (Linnaeus) Gaertner 1791.</td>
<td>BASIONYM: Mimosa virgata W. Bartram 1791, non Linnaeus 1753.</td>
<td></td>
</tr>
</tbody>
</table>
| Accepted Name | Asimina incana | ASIMINA INCANA (W. Bartram) Exell, J. Bot. 65: 69. 1927. | Annona incana W. Bartram 1791. | FLORIDA: |...
Citation Search: type, e.g. types collected in Key West

<table>
<thead>
<tr>
<th>Taxa Type</th>
<th>Scientific Name</th>
<th>Citation</th>
<th>Basionym</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accepted Name</td>
<td>Asphodel flavipes</td>
<td>Asphodel flavipes Chapman, Fl. South. U.S. 408. 1862.</td>
<td>TYPE: FLORIDA: Monroe Co.: Key West, 9 Mar 1856, Pollard et al. s.n. (holotype: NY).</td>
<td></td>
</tr>
<tr>
<td>Accepted Name</td>
<td>Asphodel flavipes var. exigua</td>
<td>Asphodel flavipes var. exigua Chapman, Fl. South. U.S. 408. 1862.</td>
<td>TYPE: FLORIDA: Monroe Co.: Key West, 9 Mar 1856, Pollard et al. s.n. (holotype: NY).</td>
<td></td>
</tr>
</tbody>
</table>
HERBARIUM SPECIMEN SEARCH: databased specimens

Out-of-state/out-of-country material - very few databased (4% of database)

Florida specimens - receive priority for databasing (96% of database)
LIMIT SEARCH TO:

- Types only (ca. 400 at USF)
- “Search only accepted names” queries only the accepted name
- “Search entire determination history” queries all the different names such as Synonyms, Misidentifications, or Misapplied Names
Herbarium Specimen Search

The USF Herbarium houses almost 250,000 specimens of which approximately 100,000 are of Florida vascular plants. In recent years we have made significant progress in databasing the label data and photographing the specimens; about a third of the Florida specimens have been completed. By filling in the relevant fields you can access the data available from this resource.

Quick Search:

Search Keyword(s):  

Search

Advanced Search:

Fields within the Advanced Search section are searched upon using an AND relationship but will not be combined with "Quick Search" searches.

Family:

Taxon:

Collector:

Collection Number:

Country:

State/Province:

County:

Locality:  everglades

Accession Number:

Habitat:

Plant Description:

Search Options

- Search Type Specimens ONLY

Determination Options:

- Search only accepted names
- Search entire determination history

Results per Page:

25
Herbarium Specimen Search Results

Check boxes on left & “SUBMIT” to view specimens on one page.

Links on Right
- **IMAGE** - opens a new tab for viewing the single specimen
- **PLANT ATLAS LINK** - links to the species page in a new tab (if not found in Florida, then no link will appear)
- **OTHER HERBARIA** - link to specimens of the same name at FLAS or FSU herbaria

<table>
<thead>
<tr>
<th>Select</th>
<th>Name</th>
<th>Collector</th>
<th>Location</th>
<th>Image</th>
<th>Plant Atlas Link</th>
<th>Other Herbaria</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Abutilon perulloidei</td>
<td>F. C. Craighead</td>
<td>USA, Florida, Monroe Co.</td>
<td></td>
<td>View FLAS Specimens</td>
<td></td>
</tr>
<tr>
<td>✓</td>
<td>Acacia farnesiana</td>
<td>H.W. Woodmansee</td>
<td>USA, Florida, Collier Co.</td>
<td></td>
<td>View FLAS Specimens</td>
<td></td>
</tr>
<tr>
<td>✓</td>
<td>Acacia pterocarpa</td>
<td>A. Hendrix</td>
<td>USA, Florida, Miami-Dade Co.</td>
<td></td>
<td>View FLAS Specimens</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acacia pterocarpa</td>
<td>A. Hendrix</td>
<td>USA, Florida, Miami-Dade Co.</td>
<td></td>
<td>View FLAS Specimens</td>
<td></td>
</tr>
<tr>
<td>✓</td>
<td>Acacia pterocarpa</td>
<td>Q. R. Cooley, J. J. Eaton,</td>
<td>USA, Florida, Miami-Dade Co.</td>
<td></td>
<td>View FLAS Specimens</td>
<td></td>
</tr>
<tr>
<td>✓</td>
<td>Acacia pterocarpa</td>
<td>L. J. Droop</td>
<td>USA, Florida, Miami-Dade Co.</td>
<td></td>
<td>View FLAS Specimens</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acacia pterocarpa</td>
<td>R. K. Hill</td>
<td>USA, Florida, Miami-Dade Co.</td>
<td></td>
<td>View FLAS Specimens</td>
<td></td>
</tr>
<tr>
<td>✓</td>
<td>Acacia tortuosa</td>
<td>D. B. Ward</td>
<td>USA, Florida, Collier Co.</td>
<td></td>
<td>View FLAS Specimens</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acacia tortuosa</td>
<td>D. B. Ward</td>
<td>USA, Florida, Collier Co.</td>
<td></td>
<td>View FLAS Specimens</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acacia chamaedrifolia</td>
<td>G. R. Cooley, H.J. Eaton,</td>
<td>USA, Florida, Miami-Dade Co.</td>
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<td>View FLAS Specimens</td>
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<td>Acacia oppositiflora</td>
<td>O. K. Lakela</td>
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<td>Acacias oppositiflora</td>
<td>C.A. Wescott</td>
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<td>View FLAS Specimens</td>
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</table>
Herbarium Specimen Search Results

Number at top shows how many specimens were selected
Specimen photos on page are thumbnails (small file size)
Clicking on thumbnails opens a tab to view the specimen at full resolution
CONTACTING

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* Description of the error, bug, issue, question:

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For more information, contact Dr. Richard Wunderlin or Dr. Bruce Hansen.

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