

# Tennessee Natural Heritage Program

## Rare Plant List

2004



Sweetbay Magnolia  
*Magnolia virginiana* L.  
State Status: Threatened  
Photo by Dennis Horn



Division of Natural Heritage, Tennessee Department of Environment and Conservation

# TENNESSEE NATURAL HERITAGE PROGRAM

## RARE PLANT LIST

2004

Claude Bailey  
Botanist



Tennessee Department of Environment and Conservation  
Division of Natural Heritage  
401 Church Street, 14th Floor L&C Tower  
Nashville, Tennessee 37243-0447

phone 615/532-0431 fax 615/532-0231

<http://www.state.tn.us/environment/nh>

The development of this list has depended on the experience, expertise and dedication of the members of the Rare Plant Scientific Advisory Committee. The staff of the Division of Natural Heritage and past State Botanists Carl Nordman, Milo Pyne and Dr. Paul Somers have also made exceptional contributions to this effort. Data in this list were compiled by Kirsten Conduct, Heritage Database Manager; Roger McCoy, Heritage Coordinator; and Claude Bailey, Botanist.

## **INTRODUCTION**

The mission of the **Tennessee Division of Natural Heritage** is to restore and protect the plants, animals, and natural communities that represent the natural biological diversity of Tennessee. The Division of Natural Heritage (DNH) conducts a variety of programs and activities concerning the conservation, restoration, and management of Tennessee's vast diversity of natural resources. DNH carries out its mission through the following program areas: (1) the Natural Heritage Inventory Program, (2) the Natural Areas Program, (3) the Rare Plant Protection Program, (4) the Ginseng Program, and (5) the Tennessee Scenic Rivers Program. One of the Division's greatest values is the provision of technical assistance to public and private land managers.

The Tennessee DNH was established in 1974 with the assistance of The Nature Conservancy (TNC). It was one of the first state Natural Heritage programs. The Tennessee Natural Heritage Program relies on the use of computerized databases and manual files to record and report important information regarding the state's rare plants, animals, and natural communities. Program staff direct and conduct field surveys for rare species and natural areas, as well as provide technical assistance regarding the distribution, conservation and management of Tennessee's biological diversity.

Lists produced from the Program's database files help to accomplish the goals of conservation and protection of biological diversity. Federal, state, and private agencies, organizations, and individuals use rare species lists produced by the Tennessee Natural Heritage Program in the environmental review process. Currently, about 535 rare plant species are tracked by the state of Tennessee, including 201 species listed as endangered. If you do not have a list that has been revised in the past year, request a new copy at the address listed herein. DNH encourages individuals to assist the Heritage Botanist in determining accurate plant list contents and ranking information. The Rare Plant List may be downloaded from the Division of Natural Heritage's website: <http://www.state.tn.us/environment/nh/>

Plants listed federally are protected by the Endangered Species Act of 1973, as amended. The Fish and Wildlife Service (FWS) of the U.S. Department of the Interior administers the Act and assigns federal status designations to species that are threatened with extinction. Twenty-one plants that occur in Tennessee are listed under the Endangered Species Act.

Plants listed in Tennessee are protected by the Rare Plant Protection and Conservation Act of 1985. The state status of a rare plant is determined by the Tennessee Rare Plant Scientific Advisory Committee. The committee consists of twelve (12) botanists knowledgeable with the state's flora. This group meets at least once every three (3) years. Criteria for listing a rare plant as endangered, threatened, or of special concern, shall be primarily but not limited to the following:

- (a) Distribution of the species in Tennessee and throughout its range.
- (b) Number of populations in Tennessee and throughout the species' range.
- (c) Size of populations relative to estimates of minimal viable populations for the species.
- (d) Habitat specificity.
- (e) Known or perceived threats to the species and its habitats.
- (f) Number of protected populations.
- (g) Difficulty of adequately protecting or managing habitats for the species' survival.
- (h) Biological factors relating to such things as the species' ability to reproduce, respond to disturbance, or its dependence on other species that also may be in jeopardy.

Any interested person may nominate a plant species for listing as endangered, threatened or of special concern status or recommend changes in status or removal of species from the current rare plant list promulgated under the Act. Copies of The Rare Plant Protection and Conservation Act of 1985 (TCA §§70-8-301 – 314) and the associated Rules (Chap. 0400-6-2) are available upon request.

**(Adapted from Rules of Tennessee Division of Ecological Services, Chap 0400-6-2, Rare Plant Protection and Conservation Regulations.)**

## **LIST STRUCTURE**

The Rare Plant List is divided into a **rare vascular plant list** and a **rare non-vascular plant list**. The **rare vascular plant list** includes ferns, fern-allies, conifers, and flowering plants (monocots and dicots). The **rare non-vascular plant list** includes mosses, liverworts, hornworts and one lichen. Within each section, plants are listed alphabetically by scientific name. The lists contain the following fields: Scientific Name, Common Name, Physiographic Provinces, Habitat, Phenology, State Status, Federal Status, State Rank, and Global Rank.

Five plants that are primarily threatened by commercial harvest in Tennessee are listed as commercially exploited. These five plants are narrow-leaf ramps (*Allium burdickii*), ramps (*Allium tricoccum*), pink lady's-slipper (*Cypripedium acaule*), goldenseal (*Hydrastis canadensis*), and American ginseng (*Panax quinquefolius*). The Division of Natural Heritage does not recommend they be included in the normal environmental review process. Land owners and land managers should be aware that harvest of these plants, in many cases, is not sustainable.

Plants naturally limited to a small geographic area and found nowhere else are called endemic. Tennessee has a number of endemic vascular plants that do not naturally occur outside of the state. **Rare vascular plants endemic to Tennessee** are Pyne's ground-plum (*Astragalus bibullatus*), Harbison's hawthorn (*Crataegus harbisonii*), Tennessee coneflower (*Echinacea tennesseensis*), Hiwassee quillwort (*Isoetes tennesseensis*), Stones River bladderpod (*Lesquerella stonensis*), Spring Creek bladderpod (*Lesquerella perforata*), and Ruth's golden-aster (*Pityopsis ruthii*). Several nonvascular plants endemic Tennessee are Clebsch's pocket moss (*Fissidens clebschii*), Plagiochila (*Plagiochila* sp.1), and Hot porella (*Porella* sp.1). All of these plants are globally rare. Most are federally listed under the Endangered Species Act. There are several other vascular plants endemic to Tennessee that are common enough in suitable habitat that they are not on the list of rare plants.

A number of plants are known to be extirpated from Tennessee. These plants were known from the state historically and all known populations have been destroyed, or for other reasons no longer exist. There is virtually no likelihood that they will be rediscovered in Tennessee. These species are indicated in the list with SX in the "State Rank" field. **Tennessee's extirpated plants are**, Canada anemone (*Anemone canadensis*), lambkill (*Kalmia angustifolia* var. *carolina*), twinflower (*Linnaea borealis*), green pitcher plant (*Sarracenia oreophila*), and chaffseed (*Schwalbea americana*). There are many more plants known historically from Tennessee, with the expectation that they may be rediscovered. These are noted as SH in the State Rank field and may include a state status modifier of possibly extirpated such as Alabama croton (*Croton alabamensis*).

### Scientific Name

Due to taxonomic revisions, a plant's scientific name may differ from other scientific names in use now or in the past. Generally, standard references are followed, such as: Kartesz, J. T. 1994. A synonymized checklist of the vascular flora of the United States, Canada, and Greenland; Wofford, B. Eugene and Robert Kral. 1993. Checklist of the Vascular Plants of Tennessee; or any current Flora of North America treatment. Journal publications may also influence taxonomy, such as the newly described Hiwassee quillwort (*Isoetes tennesseensis*) in 2003 (previously considered *I. lacustris*). The following is a list of widely accepted/recognized synonyms for state listed taxa. The list does not attempt to include all possible synonyms:

Synonym	State Listed Scientific Name
<i>Armoracia lacustris</i>	<i>Neobeckia aquatica</i>
<i>Bulboschoenus fluviatilis</i>	<i>Scirpus fluviatilis</i>
<i>Cacalia plantaginea</i>	<i>Arnoglossum plantagineum</i>
<i>Cacalia suaveolens</i>	<i>Synosma suaveolens</i>
<i>Cacalia tuberosa</i>	<i>Arnoglossum plantagineum</i>
<i>Carex pellita</i> /C. <i>lasiocarpa</i>	<i>Carex lanuginosa</i>
<i>Dicanthelium</i> sp.	<i>Panicum</i> sp.
<i>Echinodorus berteroi</i>	<i>E. rostratus</i>
<i>Eurybia</i> sp.	<i>Aster</i> sp.
<i>Hasteola suaveolens</i>	<i>Synosma suaveolens</i>
<i>Ilex collina</i>	<i>Nemopanthus collinus</i>
<i>Lonicera reticulata</i>	<i>L. prolifera</i>
<i>Maianthemum stellata</i>	<i>Smilacina stellata</i>
<i>Minuartia cumberlandensis</i>	<i>Arenaria cumberlandensis</i>
<i>Minuartia godfreyi</i>	<i>Arenaria godfreyi</i>
<i>Minuartia groenlandica</i>	<i>Arenaria groenlandica</i>
<i>Phegopteris connectilis</i>	<i>Thelypteris phegopteris</i>
<i>Plagiomnium carolinianum</i>	<i>Mnium carolinianum</i>
<i>Ribes aureum</i> var. <i>villosum</i>	<i>R. odoratum</i>
<i>Schoenoplectus subterminalis</i>	<i>Scirpus subterminalis</i>
<i>Scirpus cespitosus</i>	<i>Trichophorum cespitosum</i>
<i>Senecio plattensis</i>	<i>Packera plattensis</i>
<i>Senecio rugelia</i>	<i>Rugelia nudicaulis</i>
<i>Sibbaldiopsis tridentata</i>	<i>Potentilla tridentata</i>
<i>Streptopus lanceolatus</i>	<i>S. roseus</i>
<i>Arenaria fontinalis</i>	<i>Stellaria fontinalis</i>
<i>Symphyotrichum</i> sp.	<i>Aster</i> sp.
<i>Taxilejuenea sharpii</i>	<i>Lejuenea sharpii</i>
<i>Triantha racemosa</i>	<i>Tofieldia racemosa</i>
<i>Veratrum woodii</i>	<i>Melanthium woodii</i>

### Common Names

Common names are used for convenience and may differ from one part of the state to another, from one region to another. Use scientific names when possible when referencing biological elements.

## Physiographic Provinces

Physiographic province information provides a broad concept of a species' distribution in Tennessee and can be indicative of a particular geologic development or age in Tennessee. Unique evolutionary origins may also be attributed to a species specific to a physiographic province. Physiographic provinces are provided based upon information from the Tennessee Natural Heritage Program's Biological Conservation Database. Some species may have an incomplete listing of physiographic provinces due to the ongoing process of data entry. County lists for Tennessee's listed rare plants are available at the DNH website (<http://www.state.tn.us/environment/nh/>). In addition, for the most up-to-date county distribution maps and photographs look online at the University of Tennessee Herbarium website (<http://tenn.bio.utk.edu/>).

**BR - Blue Ridge**

**CB - Central Basin**

**CM - Cumberland Mountains**

**CP - Coastal Plain**

**CU - Cumberland Plateau**

**ER - Eastern Highland Rim**

**MF - Mississippi Floodplain**

**RV - Ridge and Valley**

**SV - Sequatchie Valley**

**WR - Western Highland Rim**

**WU - Western Uplands**

## Habitat

A brief statement of the habitat of the species in Tennessee has been included. The Heritage Botanist will continue to edit the habitat field so that it more accurately reflects the rare plant habitats in Tennessee. We encourage users of this list to suggest improvements to the Heritage Botanist.

## Phenology

The flowering and fruiting times are provided for the seed plants, and sporulation times are provided for ferns and fern allies. This is the time of year when the species is most readily identified. Many of Tennessee's rare plants are not identifiable outside of these months. This information is provided to facilitate efficient field surveys for Tennessee's rare plants. The phenology should be used as a guide for scheduling fieldwork. We encourage users of this list to suggest improvements to the Heritage Botanist.

## State Status

State Status indicates which plants are formally listed as state **Endangered**, **Threatened**, or **Special Concern** under the authority of the **Tennessee Department of Environment and Conservation**. The Department has the valuable assistance of the state's best field botanists, twelve of whom serve on the Scientific Advisory Committee, which periodically reviews the list.

- E - Endangered Species** means any species or subspecies of plant whose continued existence as a viable component of the state's flora is determined by the Commissioner to be in jeopardy, including but not limited to all species of plants determined to be "endangered species" pursuant to the Endangered Species Act.
- T - Threatened Species** means any species or subspecies of plant which appears likely, within the foreseeable future, to become endangered throughout all or a significant portion of its range in Tennessee, including but not limited to all species of plants determined to be a "threatened species" pursuant to the Endangered Species Act.
- S - Special Concern Species** means any species or subspecies of plant that is uncommon in Tennessee, or has unique or highly specific habitat requirements or scientific value and therefore requires careful monitoring of its status.

## Proposed State Status

The state status of a species may change based upon the recommendations of the Scientific Advisory Committee. The following categories are used to inform the public and professionals on the proposed additions or changes to a formal state status.

- PE - Proposed Endangered** means any species or subspecies of plant nominated by the Scientific Advisory Committee to be added to the list of Tennessee's endangered species. After approval by the commissioner of the Dept. of Environment & Conservation and the concurrence of the commissioner of Agriculture, these plants will formally become state endangered.

**State Status Modifiers** follow State Status abbreviations.

- P - Possibly Extirpated**, species or subspecies that have not been seen in Tennessee for the past 20 years. May no longer occur in Tennessee.
- CE - Commercially Exploited**, due to large numbers being taken from the wild and propagation or cultivation insufficient to meet market demand. These plants are of long-term conservation concern, but the Division of Natural Heritage does not recommend they be included in the normal environmental review process.

(Adapted from Somers, Paul. 1989. **Revised List of the Rare Plants of Tennessee**. *Journal of the Tennessee Academy of Sciences*, 64(3): 179-184., and **Rules of Tennessee Division of Ecological Services**, Chap. 0400-6-2, Rare Plant Protection and Conservation Regulations.)

## Federal Status

Federally listed species are protected by the Endangered Species Act of 1973 (as amended). The list is administered and determined by the US Fish and Wildlife Service.

- LE - Listed Endangered**, the taxon is threatened by extinction throughout all or a significant portion of its range.
- LT - Listed Threatened**, the taxon is likely to become an endangered species in the foreseeable future.
- PE - Proposed Endangered**, the taxon is proposed for listing as endangered.
- PT - Proposed Threatened**, the taxon is proposed to be listed as threatened.
- C - Candidate Species**, These 'Candidate' species are not currently proposed for listing, but development and publication of proposed rules for such candidate species is anticipated. The US Fish and Wildlife Service has on file sufficient information on biological vulnerability and threat(s) to support proposals to list them as endangered or threatened species. The US Fish and Wildlife Service will determine the relative listing priority of these candidate species, and encourages other agencies, groups and individuals to give consideration to these taxa in environmental planning.

**(Modified From Federal Register, 50 CFR Part 17, Feb. 28, 1996, Vol. 61, No. 40, pp. 7596 - 7613. )**

**Note:** The taxa listed as candidate species may be added to the list of Endangered and Threatened plants and animals. They should be given consideration in environmental planning. Taxa listed as LE, LT, PE and PT must be given consideration in environmental planning involving federal funds, lands, or permits, and should be given consideration in all non-federal activities. For further information contact the Region 4, Endangered Species Coordinator, at the US Fish and Wildlife Service, 1875 Century Boulevard, Atlanta, Georgia 30345, phone (404)679-7096; or an Endangered Species Specialist at the US Fish and Wildlife Service, 446 Neal Street, Cookeville, Tennessee 38501, phone (931)528-6481.

#### **State Rank**

A numeric rating (S1 through S5) of relative rarity based primarily on the number of occurrences of the element in the state. Other factors in addition to the number of occurrences are considered when assigning rank, so the number of occurrences suggested for each numeric rank below is not an absolute guideline.

- S1** - Extremely rare and critically imperiled in the state with five or fewer occurrences, or very few remaining individuals, or because of some special condition where the species is particularly vulnerable to extirpation from Tennessee.
- S2** - Very rare and imperiled within the state, six to twenty occurrences and less than 3000 individuals, or few remaining individuals, or because of some factor(s) making it vulnerable to extirpation from Tennessee.
- S3** - Rare and uncommon in the state, from 21 to 100 occurrences.
- S4** - Widespread, abundant, and apparently secure within the state, though it may be quite rare in parts of its range, especially at the periphery, and is of long-term concern.
- SH** - Of historical occurrence in Tennessee, i.e., known to occur in Tennessee in the past, with the expectation that it may be rediscovered. A taxon is considered historic if no observation or valid documentation has occurred in 25 years.
- SU** - Possibly in peril in Tennessee but status uncertain, need more information.
- SX** - Believed to be extirpated from Tennessee, with virtually no likelihood that it will be rediscovered.
- S#S#** - Denotes a range of ranks because the exact rarity of the element is uncertain (e.g., S1S2)
- S?** - Unranked within the state.
- SRF** - Falsely reported.

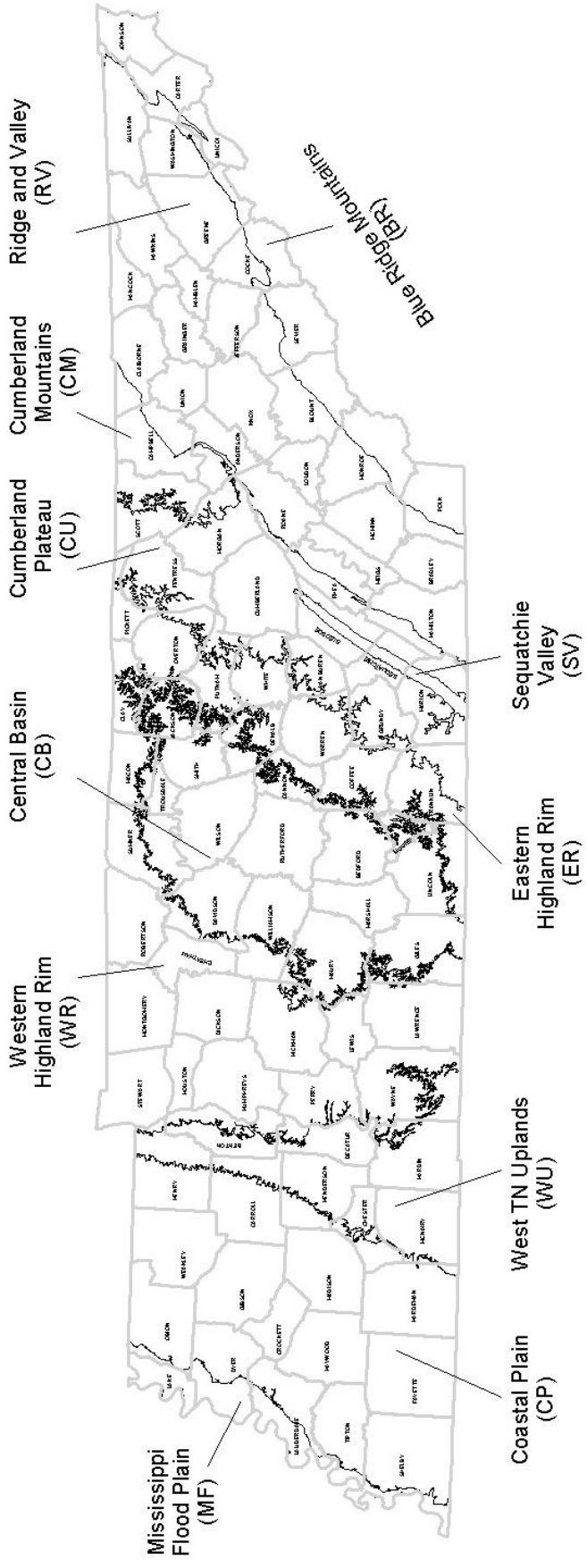
**Note:** The Division of Natural Heritage (DNH) has responsibility for assigning state ranks. Those species having a State Rank of S1 to S3, state endemics, and species with a limited distribution in Tennessee should be given special consideration in environmental planning. For further information contact DNH at (615) 532-0431.

#### **Global Rank**

Global ranks are determined by the scientific staff of NatureServe (formerly a section of The Nature Conservancy [TNC]) and state natural heritage programs. Global ranks allow the best available and objective assessment of a rare plant's rarity and the level of threat to its existence. The total number of individuals, the number of populations, and the threats to the populations are considered throughout the plant's range.

- G1** - Extremely rare and critically imperiled, generally with five or fewer occurrences in the world, or very few remaining individuals, or because of some special condition the species is particularly vulnerable to extinction.
- G2** - Very rare and imperiled, generally with six to twenty occurrences and less than 3000 individuals, or because of some factor(s), vulnerable to extinction.
- G3** - Very rare and local throughout its range or found locally in a restricted range, or, because of other factors, vulnerable to extinction throughout its range. Generally between 21 and 100 occurrences and fewer than 10,000 individuals.
- G4** - Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery. Thus, the plant is of long-term concern.
- G5** - Demonstrably secure globally, though it might be quite rare in parts of its range, especially at the periphery.

- GH** - Of historical occurrence throughout its range, i.e., formally part of the established biota, with the expectation that it may be rediscovered.
- GU** - Possibly in peril range-wide but status uncertain, need more information.
- GX** - Believed to be extinct throughout range, with virtually no likelihood that it will be rediscovered.
- G#Q** - Taxonomic status is questionable, numeric rank may change with taxonomy.
- G#?** - Inexact numeric rank.
- T#** - Taxonomic subdivision (trinomial), example: *Hedyotis purpurea* var. *montana* (G5T2), assesses the rarity of the subspecific taxon.
- HYB** - Hybrid



# Physiographic Provinces of Tennessee



Vascular Plants (non-vascular plants see page 45)

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>ABIES FRASERI</b>		<b>FRASER FIR</b>				
BR	FORESTS ABOVE 5500 FT	FL: MAY-JUNE, FR: SEPT-NOV	T		S1S2	G2
<b>ACALYPHA DEAMII</b>		<b>DEAM'S COPPERLEAF</b>				
WU ER	CYPRESS-TUPELO SWAMPS	FL: JUNE-OCT, FR: JULY-NOV	S		S1	G5T4?
<b>ACER SACCHARUM SSP LEUCODERME</b>		<b>CHALK MAPLE</b>				
RV BR SV CU	CIRCUMNEUTRAL ROCKY WOODS	FL: FEB-MAR, FR: MAR-MAY	S		S3	G5T5
<b>ACMELLA OPPOSITIFOLIA</b>		<b>CREEPING SPOT-FLOWER</b>				
CP MF CB	SWAMPS AND WETLANDS	FL: JUL-OCT, FR: SEPT-OCT	S		S2	G5
<b>ACONITUM RECLINATUM</b>		<b>TRAILING WOLFSBANE</b>				
BR	RICH MOUNTAIN WOODS	FL: JUN-SEPT., FR: SEPT.	E		S1	G3
<b>ADLUMIA FUNGOSA</b>		<b>CLIMBING FUMITORY</b>				
BR CU CM	RICH MESIC WOODS	FL: JUN-SEPT, FR: AUG-NOV	T		S2	G4
<b>AGALINIS AURICULATA</b>		<b>EARLEAVED FALSE-FOXGLOVE</b>				
RV SV WR CP	BARRENS	FL: AUG-SEPT, FR: SEPT-OCT	E		S2	G3
<b>AGALINIS HETEROPHYLLA</b>		<b>PRAIRIE FALSE-FOXGLOVE</b>				
CP	BARRENS	FL: AUG-SEPT; FR: SEPT-OCT	T		S1	G4G5
<b>AGALINIS OLIGOPHYLLA</b>		<b>RIDGE-STEM FALSE-FOXGLOVE</b>				
ER WR	BARRENS	FL: AUG-SEPT, FR: OCT	E		S1	G4
<b>AGALINIS PLUKENETHII</b>		<b>PURPLE GERARDIA</b>				
BR	DRY SANDY WOODS	FL: SEPT-OCT, FR: OCT	E-P		SH	G3G5
<b>AGALINIS SETACEA</b>		<b>THREAD-LEAVED GERARDIA</b>				
BR	BARRENS, DRY SANDY SOIL	FL: SEPT-OCT; FR: OCT	S		SH	G5?

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>AGASTACHE SCROPHULARIIFOLIA</b>		<b>PURPLE GIANT HYSSOP</b>				
BR	RICH MOUNTAIN WOODS	FL: JUL-SEPT, FR: SEPT-OCT	T		S1S2	G4
<b>AGERATINA LUCIAE-BRAUNIAE</b>		<b>LUCY BRAUN'S WHITE SNAKEROOT</b>				
CU	ROCKHOUSES	FL: AUG-OCT, FR: SEPT-NOV	T		S3	G3
<b>AGROSTIS MERTENSII</b>		<b>ARCTIC BENTGRASS</b>				
BR	MOUNTAIN BALDS AND MOIST RAVINES	FL: JUL-AUG, FR: AUG-SEPT	S		S1	G5
<b>ALLIUM BURDICKII</b>		<b>NARROW-LEAF RAMPS</b>				
WR CB CU	RICH WOODS	FL: JUN, FR:AUG	T-CE		S1S2	G4G5
<b>ALLIUM STELLATUM</b>		<b>GLADE ONION</b>				
CB	GLADES	FL: JULY-NOV, FR: OCT-NOV	E		S1	G5
<b>ALLIUM TRICOCCUM</b>		<b>RAMPS</b>				
BR WR CU	RICH WOODS	FL: JUN-JUL, FR: AUG-SEPT	S-CE		S1S2	G5
<b>ALNUS VIRIDIS SSP CRISPA</b>		<b>GREEN ALDER</b>				
BR	MOUNTAIN BALDS AND THICKETS	FL: MAY-JUN, FR: JUL-SEPT	S		S1	G5T5
<b>AMELANCHIER SANGUINEA</b>		<b>ROUNDLEAF SHADBUSH</b>				
CU BR	ROCKY SLOPES AND RIVER BANKS	FL: MAR-MAY, FR: MAY-JUL	T		S2	G5
<b>AMMOSELINUM POPEI</b>		<b>POPE'S SAND-PARSLEY</b>				
CB	GLADES	FL: APR-MAY, FR: MAY-JUL	T		S2	G4
<b>AMSONIA TABERNAEMONTANA VAR GATTINGERI</b>		<b>LIMESTONE BLUE STAR</b>				
CB WR ER	GLADES, BARRENS, AND ROCKY RIVER BARS	FL: JUL-AUG, FR: AUG-SEPT	S		S3	G5T2T3Q
<b>ANEMONE CANADENSIS</b>		<b>CANADA ANEMONE</b>				
RV	ALLUVIAL WOODS AND ROCKY RIVER BARS	FL: MAY-JUL, FR: MAY-JUL	E-P		SX	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>ANEMONE CAROLINIANA</b>		<b>CAROLINA ANEMONE</b>				
CB	GLADES AND CEDAR WOODLANDS	FL: MAR-APR, FR: MAR-APR	E		S1S2	G5
<b>ANGELICA ATROPURPUREA</b>		<b>GREAT ANGELICA</b>				
	WET WOODS AND SWAMPS	FL: MAY-JUN, FR: JUL-AUG	T		S1	G5
<b>APIOS PRICEANA</b>		<b>PRICE'S POTATO-BEAN</b>				
WR SV CB	OPENINGS IN RICH WOODS	FL: JUN-AUG, FR: JUL-AUG	E	LT	S2	G2
<b>ARABIS GLABRA</b>		<b>TOWER-MUSTARD</b>				
WR CB WU	BARRENS AND OPEN FLOODPLAINS	FL: MAY-JUN, FR: JUN-JUL	T		S1	G5
<b>ARABIS HIRSUTA</b>		<b>WESTERN HAIRY ROCKCRESS</b>				
CB WR	GLADES AND LIMESTONE BLUFFS	FL: MAY-JUN, FR: MAY-JUN	T		S1	G5
<b>ARABIS PATENS</b>		<b>SPREADING ROCKCRESS</b>				
RV CU	MOIST ROCKY WOODS	FL: MAY-JUN, FR: JUN-AUG	E		S1	G3
<b>ARABIS PERSTELLATA</b>		<b>BRAUN'S ROCKCRESS</b>				
CB	LIMESTONE BLUFFS	FL: MAR-MAY, FR: MAY-JUN	E	LE	S1	G2
<b>ARABIS SHORTII</b>		<b>SHORT'S ROCK-CRESS</b>				
WR CB	WOODED BLUFFS & FLOODPLAINS	FL: APR-JUN, FR: MAY-JUN	S		S1S2	G5
<b>ARENARIA CUMBERLANDENSIS</b>		<b>CUMBERLAND SANDWORT</b>				
CU	ROCKHOUSES	FL: JUL-SEPT, FR: SEPT-OCT	E	LE	S2	G2
<b>ARENARIA GODFREYI</b>		<b>GODFREY'S STITCHWORT</b>				
BR	WET SEEPS AND DITCHES	FL: APR-JUN, FR: JUN-AUG	E		S1	G1
<b>ARENARIA GROENLANDICA</b>		<b>MOUNTAIN SANDWORT</b>				
BR	DRY, HIGH ELEVATION OUTCROPS	FL: APR-JUN, FR: MAY-OCT	E		S1	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>ARENARIA LANUGINOSA</b>		<b>WOOLY SANDWORT</b>				
CB	BLUFFS	FL: MAY-JUL, FR: MAY-JUL	E		S1	G5
<b>ARISTIDA RAMOSISSIMA</b>		<b>BRANCHED THREE-AWN GRASS</b>				
WU WR	ROADSIDES AND DRY OPENINGS	FL: JUL-SEPT, FR: JUL-SEPT.	E-P		SH	G5
<b>ARNOGLOSSUM PLANTAGINEUM</b>		<b>FEN INDIAN-PLANTAIN</b>				
CB	MOIST PRAIRIES AND MARSHES	FL: JUL-AUG, FR: AUG-SEPT	S		S2	G4G5
<b>ASCLEPIAS PURPURASCENS</b>		<b>PURPLE MILKWEED</b>				
WR RV	BARRENS	FL: MAY-AUG, FR: JUN-SEPT	T		S1	G4G5
<b>ASPLENium SCOLOPENDRIUM VAR AMERICANUM</b>		<b>HART'S-TONGUE FERN</b>				
CU RV BR	SINKS	SPORULATION: MAY-AUG	E	LT	S1	G4T3
<b>ASTER ERICOIDES</b>		<b>WHITE HEATH ASTER</b>				
BR RV	BARRENS	FL: AUG-OCT, FR: OCT-NOV	T		SH	G5
<b>ASTER OOLENTANGIENSIS</b>		<b>SKY-BLUE ASTER</b>				
	BARRENS	FL: AUG-NOV, FR:SEPT-NOV	S		S1	G5
<b>ASTER PRAEALTUS</b>		<b>WILLOW ASTER</b>				
BR CB CP	MOIST PRAIRIES AND MARSHES	FL: SEPT-OCT, FR: OCT-NOV	E		S1	G5
<b>ASTER PRATENSIS</b>		<b>BARRENS SILKY ASTER</b>				
RV CU ER WU	BARRENS	FL: AUG-SEPT, FR: AUG-SEPT	T		S1	G?
<b>ASTER SAXICASTELLII</b>		<b>ROCKCASTLE ASTER</b>				
CU	ROCKY RIVER BARS	FL: AUG-OCT, FR: AUG-OCT	E		S1S2	G1G2
<b>ASTER SCHREBERI</b>		<b>SCHREBER'S ASTER</b>				
RV	MESIC WOODS & SEEPAGE SLOPES	FL: AUG-OCT, FR: SEPT-NOV	S		SH	G4

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>ASTILBE CRENATILOBA</b>		<b>ROAN FALSE GOAT'S-BEARD</b>				
	MID-HIGH ELEVATION WOODED SLOPES	FL: MAY-JUL, FR: MAY-JUL	E-P		SH	GHQ
<b>ASTRAGALUS BIBULLATUS</b>		<b>PYNE'S GROUND-PLUM</b>				
CB	GLADES	FL: APR-MAY, FR: MAY-JUL	E	LE	S1	G1
<b>ASTRAGALUS TENNESSEENSIS</b>		<b>TENNESSEE MILK-VETCH</b>				
CB WR	GLADES	FL: APR-MAY, FR: MAY-JUL	S		S3	G3
<b>ATHYRIUM FILIX-FEMINA SSP ANGUSTUM</b>		<b>NORTHERN LADY FERN</b>				
BR	MOUNTAIN WOODS AND OPENINGS	SPORULATION: JUL-SEPT	S		S2	G5T5
<b>AUREOLARIA PATULA</b>		<b>SPREADING FALSE-FOXGLOVE</b>				
RV ER WR CB	OAK WOODS AND EDGES	FL: JUN-AUG, FR: JUL-SEPT	T		S3	G3
<b>BACOPA CAROLINIANA</b>		<b>CAROLINA WATER-HYSSOP</b>				
	SHALLOW PONDS AND RESERVOIRS	FL: MAY-SEPT; FR: JUL-OCT	S		S1	G4G5
<b>BAPTISIA BRACTEATA VAR LEUCOPHAEA</b>		<b>CREAM WILD-INDIGO</b>				
WR	DRY OAK WOODS AND BARRENS	FL: MAR-APR, FR: MAY-JUN	S		S1S2	G4G5T4T
<b>BERBERIS CANADENSIS</b>		<b>AMERICAN BARBERRY</b>				
BR RV CU	ROCKY WOODS AND RIVER BARS	FL: APR-AUG, FR: JUN-OCT	S		S2	G3
<b>BETULA PAPYRIFERA VAR CORDIFOLIA</b>		<b>HEART-LEAVED PAPER BIRCH</b>				
BR	MOUNTAIN BURNS	FL: MAY-AUG, FR: JUL-SEPT	E		S1	G5T5
<b>BOTRYCHIUM JENMANII</b>		<b>ALABAMA GRAPEFERN</b>				
RV BR CU	PINE WOODS	SPORULATION: SEPT-NOV	T		S1	G3G4
<b>BOTRYCHIUM MATRICARIIFOLIUM</b>		<b>CHAMOMILE GRAPEFERN</b>				
BR	MOUNTAIN WOODS AND THICKETS	SPORULATION: JUN-AUG	S		S1	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>BOTRYCHIUM ONEIDENSE</b>		<b>BLUNT-LOBED GRAPEFERN</b>				
BR	MOIST FORESTS	SPORULATION: JUL-OCT	S		S1	G4Q
<b>BRACHYELYTRUM ERECTUM VAR SEPTENTRIONALE</b>		<b>NORTHERN SHORTHUSK</b>				
BR	MOIST HIGH ELEV. FORESTS	FL: JUL-AUG, FR: AUG-SEPT	S		S2	G4G5
<b>BUCKLEYA DISTICHOPHYLLA</b>		<b>PIRATEBUSH</b>				
BR RV CU	ROCKY MOUNTAIN WOODS W/ HEMLOCK	FL: MAR-JUN, FR: MAY-AUG	T		S2	G2
<b>BULBOSTYLIS CILIATIFOLIA VAR COARCTATA</b>		<b>CAPILLARY HAIRSEEDGE</b>				
CP	UPLAND PINE-OAK WOODS	FL: JUL-OCT, FR: JUL-OCT	E-P		SH	G5T4
<b>CALAMAGROSTIS CAINII</b>		<b>CAIN'S REEDGRASS</b>				
BR	HIGH ELEVATION ROCK OUTCROPS AND SLIDE AREAS	FL: JUL-SEPT, FR: AUG-DEC	E		S1	G1
<b>CALAMAGROSTIS PORTERI</b>		<b>PORTER'S REEDGRASS</b>				
CM BR RV	RICH MOUNTAIN WOODS	FL: JUL-AUG, FR: JUL-DEC.	E		S1	G4
<b>CALAMOVILFA ARCUATA</b>		<b>CUMBERLAND SANDGRASS</b>				
CU	ROCKY AND SANDY RIVER BARS	FL: AUG-SEPT, FR: AUG-SEPT	E		S2	G2
<b>CALOPOGON OKLAHOMENSIS</b>		<b>OKLAHOMA GRASS-PINK</b>				
CU	ACIDIC WET BARRENS	FL: JUN; FR: JUL-AUG	E-P		SH	G4?
<b>CALTHA PALUSTRIS</b>		<b>MARSH MARIGOLD</b>				
BR	BOGS	FL: APR-JUN, FR: MAY-AUG	E		S1	G5
<b>CAMPANULA APARINOIDES</b>		<b>MARSH BELLFLOWER</b>				
CU BR ER	BOGS	FL: JUN-AUG, FR: JUL-SEPT	S		S2	G5
<b>CARDAMINE CLEMATITIS</b>		<b>MOUNTAIN BITTERCRESS</b>				
BR RV CU	HIGH ELEVATION SEEPS	FL: APR-MAY, FR: JUN-JUL	T		S2	G2G3

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>CARDAMINE FLAGELLIFERA</b>		<b>RUNNING BITTERCRESS</b>				
BR RV	MOUNTAIN STREAM BANKS	FL: MAY, FR: JUN	T		S2	G3
<b>CARDAMINE ROTUNDIFOLIA</b>		<b>ROUND-LEAF WATERCRESS</b>				
CU RV CM BR	MUCKY WETLANDS AND SEEPS	FL: MAY, FR: JUN	S		S2S3	G4
<b>CAREX AESTIVALIFORMIS</b>		<b>A HYBRID SEDGE</b>				
BR	WET WOODS & MEADOWS	FL: MAY-JUL, FR: JUN-AUG	E		S1	HYB
<b>CAREX ALOPECOIDEA</b>		<b>FOXTAIL SEDGE</b>				
RV	WET MEADOWS AND SWAMPS	FL: JUN-JUL, FR: JUN-JUL	E-P		SH	G5
<b>CAREX ARGYRANTHA</b>		<b>HAY SEDGE</b>				
BR	SANDY OR ROCKY WOODS	FL: JUN-AUG, FR: JUN-AUG	T		S1	G5
<b>CAREX BARRATTHI</b>		<b>BARRATT'S SEDGE</b>				
ER	SWAMPS	FL: APR-MAY, FR: APR-MAY	E		S2	G4
<b>CAREX BROMOIDES SSP MONTANA</b>		<b>BLUE RIDGE BROME SEDGE</b>				
BR	MOUNTAIN BOGS & SEEPS	FL: MAY-JUN, FR: JUN-JUL	T		S1	G5T3?
<b>CAREX BUXBAUMII</b>		<b>BROWN BOG SEDGE</b>				
CU ER WR	SWAMPS	FL: JUN-JUL, FR: JUN-JUL	S		S1	G5
<b>CAREX CHAPMANII</b>		<b>CHAPMAN'S SEDGE</b>				
ER	WET WOODS	FL: APR-MAY, FR: APR-MAY	T		S1	G3
<b>CAREX COMOSA</b>		<b>BRISTLY SEDGE</b>				
WR MF RV	SWAMPS	FL: APR-JUN, FR: APR-JUN	T		S2	G5
<b>CAREX DAVISII</b>		<b>DAVIS' SEDGE</b>				
CB	BOTTOMLANDS, RIPARIAN SOILS	FL: MAY-JUL, FR: MAY-JUL	S		S1	G4

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>CAREX ECHINATA SSP ECHINATA</b>		<b>LITTLE PRICKLY SEDGE</b>				
CU BR	SWAMPS AND BOGS	FL: JUL-SEPT, FR: JUL-SEPT	S		S1?	G5T5
<b>CAREX FOENEA</b>		<b>DRY-SPIKE SEDGE</b>				
BR	MOUNTAIN BALDS	FL: JUN-JUL; FR: JUL-SEP	T		S1	G5
<b>CAREX GRAVIDA</b>		<b>HEAVY SEDGE</b>				
WR RV	ROCKY RIVER BLUFFS	FL: MAY-JUN, FR: MAY-JUN	S		S1	G5
<b>CAREX HIRTIFOLIA</b>		<b>PUBESCENT SEDGE</b>				
ER CB WR	DRY WOODS	FL: APR-JUN, FR: APR-JUN	S		S1S2	G5
<b>CAREX HITCHCOCKIANA</b>		<b>HITCHCOCK'S SEDGE</b>				
ER BR WR	RICH MOIST WOODS	FL: JUN-JUL, FR: JUL-SEPT	T		S1	G5
<b>CAREX HYALINA</b>		<b>TISSUE SEDGE</b>				
MF	FORESTED BOTTOMLAND SWAMPS	FL: MAR-APR, FR: APR-JUN	S		S1	G4
<b>CAREX LACUSTRIS</b>		<b>LAKE-BANK SEDGE</b>				
WR MF WU CP	ALLUVIAL WOODS	FL: MAY-JUN, FR: MAY-JUN	T		S1	G5
<b>CAREX LANUGINOSA</b>		<b>WOOLLY SEDGE</b>				
CP	ALLUVIAL FORESTS AND UPLAND PASTURES	FL: APR-JUL, FR: APR-JUL	E-P		SH	G5
<b>CAREX MANHARTII</b>		<b>MANHART'S SEDGE</b>				
BR	MOUNTAIN SLOPES AND STREAM BANKS	FL: APR-MAY, FR: MAY-SEPT	E		S2	G3
<b>CAREX MISERA</b>		<b>WRETCHED SEDGE</b>				
BR	MOUNTAIN LEDGES AND BALDS	FL: MAY-JUL, FR: MAY-AUG	T		S2	G3
<b>CAREX MUSKINGUMENSIS</b>		<b>MUSKINGUM SEDGE</b>				
WR	WET WOODS	FL: MAY-OCT, FR: MAY-OCT	E-P		SH	G4



<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>CAREX OUACHITANA</b>		<b>OUACHITA SEDGE</b>				
CB	ROCKY WOODS	FL: APR-MAY, FR: APR-MAY	S		S1	G4
<b>CAREX OXYLEPIS VAR PUBESCENS</b>		<b>HAIRY SHARP-SCALED SEDGE</b>				
WR RV MF CB	WOODED BLUFFS, FLOODPLAINS	FL: MAY-JUN, FR: MAY-JUN	S		S1	G5?T3
<b>CAREX PALLESCENS</b>		<b>PALE SEDGE</b>				
BR	HIGH ELEVATION WOODS AND MOUNTAIN BALDS	FL: JUN-JUL, FR: JUL-SEPT	S		S1	G5
<b>CAREX RENIFORMIS</b>		<b>RENIFORM SEDGE</b>				
WR CP WU	RICH BOTTOMLAND WOODS	FL: MAY-JUN, FR: MAY-JUN	S		S1	G4?
<b>CAREX ROANENSIS</b>		<b>ROAN MOUNTAIN SEDGE</b>				
BR	MID-ELEVATION WOODLANDS	FL: JUN-JUL, FR: JUN-JUL	E		S2	G2
<b>CAREX ROSTRATA</b>		<b>BEAKED SEDGE</b>				
	ACIDIC SWAMPS	FL: JUL-SEPT, FR: SEPT-OCT	T		SRF	G5
<b>CAREX RUTHII</b>		<b>RUTH'S SEDGE</b>				
BR	MOUNTAIN FORESTS AND WET AREAS	FL: JUN-JUL, FR: JUL-AUG	T		S2	G3
<b>CAREX STERILIS</b>		<b>STERILE SEDGE</b>				
CU	WET CALCAREOUS WOODS	FL: APR-JUL, FR: APR-JUL	E-P		SH	G4
<b>CAREX VESTITA</b>		<b>VELVETY SEDGE</b>				
ER	DRY TO MOIST WOODS	FL: APR-MAY, FR: APR-MAY	E-P		SH	G5
<b>CASTANEA DENTATA</b>		<b>AMERICAN CHESTNUT</b>				
CU BR WR ER CB	MESIC TO DRY FORESTS	FL: JUN-JUL, FR: SEPT-OCT	S		S2S3	G4
<b>CAULOPHYLLUM GIGANTEUM</b>		<b>GIANT BLUE COHOSH</b>				
ER BR CU WR	RICH WOODS	FL: APR-MAY, FR: MAY-AUG	T		S1	G4G5Q

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>CERASTIUM ARVENSE VAR VELUTINUM</b>		<b>VELVETY CERASTIUM</b>				
CB	BLUFFS	FL: MAR-MAY, FR: MAY-JUL	E		S1	G5T4?
<b>CERATOPHYLLUM ECHINATUM</b>		<b>PRICKLY HORNWORT</b>				
ER CP	SLOW MOVING STREAMS	FL: MAY-SEPT, FR: MAY-SEPT	S		S1	G4?
<b>CHELONE OBLIQUA</b>		<b>RED TURTLEHEAD</b>				
CP	ALLUVIAL SWAMPS, WET WOODS	FL: AUG-OCT; FR: SEPT-NOV	S		SH	G4
<b>CHRYSOGONUM VIRGINIANUM</b>		<b>GREEN-AND-GOLD</b>				
RV CU BR	DRY WOODS AND OPENINGS	FL: MAR-JUN, FR: JUN-AUG	T		S2	G5
<b>CIMICIFUGA RUBIFOLIA</b>		<b>APPALACHIAN BUGBANE</b>				
RV WR CU	RICH WOODS	FL: SEPT-OCT, FR: OCT-NOV	T		S3	G3
<b>CLEMATIS GLAUCOPHYLLA</b>		<b>WHITE-LEAVED LEATHERFLOWER</b>				
RV BR ER CU	WOODED STREAM BANKS	FL: MAY-SEPT, FR: MAY-SEPT	E		S1	G4?
<b>CLEMATIS MOREFIELDII</b>		<b>MOREFIELD'S LEATHER-FLOWER</b>				
ER	SEEPS/SPRINGS IN ROCKY LIMESTONE WOODS	FL: MAY-JUL, FR: AUG-SEP	S-PE	LE	S1	G1
<b>CLEMATIS PITCHERI</b>		<b>PITCHER LEATHER-FLOWER</b>				
WR	ROCKY WOODLANDS	FL: MAY-SEPT; FR: AUG-SEPT	T		SH	G4G5
<b>CLETHRA ALNIFOLIA</b>		<b>COASTAL SWEET PEPPER-BUSH</b>				
ER	ACIDIC WETLANDS AND SWAMPS	FL: JUN-SEPT, FR: JUN-SEPT	T		S1	G5
<b>CLINTONIA BOREALIS</b>		<b>CLINTON'S LILY</b>				
BR	HIGH ELEVATION MESIC FORESTS	FL: MAY-JUN, FR: AUG-SEP	S		S2S3	G5
<b>COELOGLOSSUM VIRIDE VAR VIRESCENS</b>		<b>LONG-BRACTED GREEN ORCHIS</b>				
BR	WET WOODS AND SEEPS	FL: APR-JUN, FR: JUN-AUG	E		S1	G5T5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>COLLINSIA VERNA</b>		<b>SPRING BLUE-EYED MARY</b>				
WR CB RV	RICH WET-MESIC WOODS	FL: APR-MAY, FR: APR-JUN	E		S1	G5
<b>COMPTONIA PEREGRINA</b>		<b>SWEET-FERN</b>				
CU	ROCKY, SANDY STREAM-SIDES	FL: APR, FR: AUG-SEPT	E		S1	G5
<b>CONRADINA VERTICILLATA</b>		<b>CUMBERLAND ROSEMARY</b>				
CU ER	SANDY, ROCKY RIVER BANKS AND BARS	FL: MAY-JUN, FR: JUN-JUL	T	LT	S3	G3
<b>CORALLORHIZA MACULATA</b>		<b>SPOTTED CORALROOT</b>				
BR CM	SHADY, MOIST WOODS	FL: JUL-AUG, FR: AUG-SEPT	T		S1	G5
<b>COREOPSIS LATIFOLIA</b>		<b>BROAD-LEAVED TICKSEED</b>				
BR CU	STREAMHEADS	FL: AUG-SEPT, FR: AUG-OCT	E		S1S2	G3
<b>COREOPSIS X DELPHINIIFOLIA</b>		<b>LARKSPUR-LEAVED COREOPSIS</b>				
BR	PINE-OAK WOODS	FL: MAY-JUL, FR: JUL-AUG	E		S1	HYB
<b>CORYDALIS SEMPERVIRENS</b>		<b>PALE CORYDALIS</b>				
BR CU RV CM	DRY OR ROCKY WOODS	FL: APR-JUN, FR: MAY-AUG	E		S1S2	G4G5
<b>COTINUS OBOVATUS</b>		<b>AMERICAN SMOKETREE</b>				
CU ER SV	DRY, CIRCUMNEUTRAL SOIL	FL: APR-MAY, FR: MAY-JUN	S		S2	G4
<b>CRATAEGUS HARBISONII</b>		<b>HARBISON'S HAWTHORN</b>				
WR CB MF CP	DRY ROCKY CALCAREOUS WOODS	FL: MAY, FR: MAY	E		S1	G1
<b>CROTALARIA PURSHII</b>		<b>PURSH'S RATTLEBOX</b>				
BR	OPEN PINEY WOODS	FL: MAY-JUL, FR: JUL-SEPT	E-P		SH	G5
<b>CROTON ALABAMENSIS</b>		<b>ALABAMA CROTON</b>				
ER	LIMESTONE BLUFFS	FL: FEB-MAR, FR: FEB-MAR	E-P		SH	G3

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>CYMOPHYLLUS FRASERIANUS</b>		<b>FRASER'S SEDGE</b>				
BR	MIXED MESOPHYTIC FORESTS	FL: MAR-JUN, FR: MAR-JUL	S		S3	G4
<b>CYPERUS DENTATUS</b>		<b>TOOTHED SEDGE</b>				
BR	ROCKY RIVER BANKS	FL: JUL-OCT, FR: OCT-NOV.	S		S1	G4
<b>CYPERUS PLUKENETII</b>		<b>PLUKENET'S GALINGALE</b>				
CU WU RV BR	SANDY BARRENS	FL: JUL-OCT, FR: JUL-OCT	S		SH	G5
<b>CYPRIPEDIUM ACAULE</b>		<b>PINK LADY'S-SLIPPER</b>				
ER BR CU RV CB CM	PINEY WOODS	FL: APR-JUN, FR: MAY-JUL	E-CE		S4	G5
<b>CYPRIPEDIUM KENTUCKIENSE</b>		<b>SOUTHERN LADY'S-SLIPPER</b>				
CU ER WU	RIPARIAN FORESTS	FL: MAY-JUN, FR: JUN-AUG	E		S2	G3
<b>CYPRIPEDIUM REGINAE</b>		<b>SHOWY LADY'S-SLIPPER</b>				
RV BR	CALCAREOUS ROCKY SLOPES	FL: MAY-JUN, FR: JUN-AUG	E		S1	G4
<b>DALEA CANDIDA</b>		<b>WHITE PRAIRIE-CLOVER</b>				
CB RV WR CU	BARRENS	FL: MAY-JUL, FR: JUL-AUG	S		S2	G5
<b>DALEA FOLIOSA</b>		<b>LEAFY PRAIRIE-CLOVER</b>				
CB	ROCKY WASHES IN GLADES	FL: JUL-AUG, FR: AUG-SEPT	E	LE	S2S3	G2G3
<b>DALEA PURPUREA</b>		<b>PURPLE PRAIRIE-CLOVER</b>				
CB	BARRENS	FL: APR-JUN, FR: APR-JUN	E		S1	G5
<b>DANTHONIA EPILIS</b>		<b>BOG OAT-GRASS</b>				
CU	ACIDIC SEEPS	FL: APR-JUN, FR: MAY-JUL	S		S1S2	G3G4
<b>DELPHINIUM EXALTATUM</b>		<b>TALL LARKSPUR</b>				
RV	GLADES AND BARRENS	FL: JUL-AUG, FR: AUG-SEPT	E		S2	G3

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>DESMODIUM OCHROLEUCUM</b>		<b>CREAMFLOWER TICK-TREFOIL</b>				
BR WR RV	SANDY DRY WOODS	FL: JUN-AUG, FR: AUG-OCT	E		SH	G2?
<b>DIAMORPHA SMALLII</b>		<b>SMALL'S STONECROP</b>				
CU RV CV	SANDSTONE OUTCROPS	FL: APR-MAY, FR: MAY-JUN	E		S1S2	G4
<b>DIARRHENA OBOVATA</b>		<b>BEAK GRASS</b>				
WR CB	MOIST CALCAREOUS LEDGES, UPLAND WOODS	FL: JUN-SEPT; FR: AUG-NOV	S		S1	G4G5
<b>DIDIPLIS DIANDRA</b>		<b>WATER-PURSLANE</b>				
CP WU BR	SWAMPS	FL: APR-JUL, FR: JUN-AUG	T		S1	G5
<b>DIERVILLA LONICERA</b>		<b>NORTHERN BUSH-HONEYSUCKLE</b>				
WR RV BR CU	ROCKY WOODLANDS AND BLUFFS	FL: JUN-JUL, FR: JUL-SEPT	T		S2	G5
<b>DIERVILLA SESSILIFOLIA VAR RIVULARIS</b>		<b>MOUNTAIN BUSH-HONEYSUCKLE</b>				
BR CU RV	DRY CLIFFS AND BLUFFS	FL: JUN-JUL, FR: JUL-SEPT	T		S2	G3
<b>DRABA CUNEIFOLIA</b>		<b>WEDGE-LEAVED WHITLOW-GRASS</b>				
WU WR	BARRENS AND GLADES	FL: FEB-MAR, FR: MAR-APR	S		S1S2	G5
<b>DRABA RAMOSISSIMA</b>		<b>BRANCHING WHITLOW-GRASS</b>				
BR CB RV	CALCAREOUS BLUFFS	FL: APR-MAY, FR: MAY-JUN	S		S2	G4
<b>DROSERA BREVIFOLIA</b>		<b>DWARF SUNDEW</b>				
ER WR HR	WET BARRENS AND ECOTONES	FL: APR-MAY, FR: APR-MAY	T		S2	G5
<b>DROSERA CAPILLARIS</b>		<b>PINK SUNDEW</b>				
CU WU ER	ACIDIC WETLANDS	FL: MAY-AUG, FR: MAY-AUG	T		S1	G5
<b>DROSERA ROTUNDIFOLIA</b>		<b>ROUNDLEAF SUNDEW</b>				
BR CU	BOGS & SEEPS	FL: JUL-AUG, FR: AUG-SEPT	T		S1	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>DRYOPTERIS CARTHUSIANA</b>		<b>SPINULOSE SHIELD FERN</b>				
BR	BOGS	SPORULATION: JUN-SEPT	T		S1	G5
<b>DRYOPTERIS CRISTATA</b>		<b>CRESTED SHIELD-FERN</b>				
BR RV	BOGS	SPORULATION: JUN-SEPT	T		S2	G5
<b>ECHINACEA PALLIDA</b>		<b>PALE-PURPLE CONEFLOWER</b>				
CB ER WR	BARRENS AND DRY OPENINGS	FL: MAY-AUG, FR: JUL-SEPT	T		S1	G4
<b>ECHINACEA SIMULATA</b>		<b>WAVY-LEAF PURPLE CONEFLOWER</b>				
CB	GLADES AND BARRENS	FL: MAY-AUG, FR: SEPT-OCT	T		S2	G3
<b>ECHINACEA TENNESSEENSIS</b>		<b>TENNESSEE CONEFLOWER</b>				
CB	GLADES	FL: MAY-AUG, FR: SEPT-OCT	E	LE	S2	G2
<b>ECHINOCHLOA WALTERI</b>		<b>WALTER'S BARNYARD GRASS</b>				
WR	BOTTOMLANDS AND MARSHES	FL: JUL-OCT; FR: AUG-OCT	S		S1	G5
<b>ECHINODORUS ROSTRATUS</b>		<b>ERECT BURHEAD</b>				
	SANDY WET AREAS, SWAMPS	FL: JUN-NOV, FR: JUN-NOV	S		S1	G5
<b>ELEOCHARIS COMPRESSA</b>		<b>FLAT-STEMMED SPIKE-RUSH</b>				
CB WU	WET LIMESTONE GLADES	FL:MAY-JUN; FR: JUN-SEPT	S		S1	G4
<b>ELEOCHARIS EQUISETOIDES</b>		<b>HORSE-TAIL SPIKE-RUSH</b>				
CU CB	POND EDGES AND OPEN WETLANDS	FL: JUN-SEPT, FR: JUN-SEPT	E		S1	G4
<b>ELEOCHARIS INTERMEDIA</b>		<b>MATTED SPIKE-RUSH</b>				
RV WR	WET AREAS	FL: JUL-OCT, FR: JUL-OCT	S		S1	G5
<b>ELEOCHARIS LANCEOLATA</b>		<b>LANCE-LIKE SPIKE-RUSH</b>				
WR ER	WET AREAS	FL: JUN-OCT, FR: JUN-OCT	S		S1	G4G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>ELEOCHARIS TORTILIS</b>		<b>TWISTED SPIKE-RUSH</b>				
WU	SWAMPS	FL: JUL-SEPT, FR: JUL-SEPT	S		S1	G5
<b>ELEOCHARIS WOLFII</b>		<b>WOLF SPIKE-RUSH</b>				
ER CB	WET WOODS ON FLOODPLAINS	FL: MAY-JUL, FR: MAY-JUL	S		S1	G3?
<b>ELODEA NUTTALLII</b>		<b>NUTTALL'S WATERWEED</b>				
MF RV WR	AQUATIC; STREAMS AND PONDS	FL: JUL-SEPT, FR: JUL-SEPT	S		S2	G5
<b>ELYMUS SVENSONII</b>		<b>SVENSON'S WILD-RYE</b>				
CB WR HR ER	ROCKY BLUFFS	FL: MAY-JUN, FR: JUL-SEPT	E		S2	G2G3
<b>EPILOBIUM ANGUSTIFOLIUM</b>		<b>FIREWEED</b>				
BR	HIGH ELEVATION DISTURBED WOODS	FL: JUL-SEPT, FR: SEPT-NOV	T		S1	G5
<b>EPILOBIUM CILIATUM</b>		<b>HAIRY WILLOW-HERB</b>				
BR CU RV	MOUNTAIN BALDS	FL: JUL-SEPT, FR: SEPT-NOV	T		S1	G5
<b>EPILOBIUM LEPTOPHYLLUM</b>		<b>LINEAR-LEAVED WILLOW-HERB</b>				
BR	MOUNTAIN BOGS AND MARSHES	FL: JUL-OCT, FR: SEPT-NOV	T		S1	G5
<b>ERIOCAULON DECANGULARE</b>		<b>TEN-ANGLE PIPEWORT</b>				
ER	ACIDIC WETLANDS	FL: JUN-SEPT, FR: AUG-OCT	E		S1	G5
<b>ERIOGONUM LONGIFOLIUM VAR HARPERI</b>		<b>HARPER'S UMBRELLA-PLANT</b>				
CB	ROCKY BLUFFS	FL: JUL-AUG, FR: SEPT-OCT	E		S1	G4T2
<b>ERIOPHORUM VIRGINICUM</b>		<b>TAWNY COTTON-GRASS</b>				
CU BR	BOGS	FL: JUL-SEPT, FR: JUL-OCT	T		S1S2	G5
<b>ERYNGIUM INTEGRIFOLIUM</b>		<b>BLUE-FLOWER COYOTE-THISTLE</b>				
WU ER	WET BARRENS	FL: AUG-OCT; FR: SEPT-NOV	T		S1	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>ERYSIMUM CAPITATUM</b>		<b>WESTERN WALLFLOWER</b>				
CB	ROCKY BLUFFS	FL: MAY-JUL, FR: JUN-AUG	E		S1S2	G5
<b>ERYTHRONIUM ROSTRATUM</b>		<b>BEAKED TROUT-LILY</b>				
WR WU	MESIC WOODS AND SLOPES	FL: MAR-APR, FR: APR	S		S2	G5
<b>EUONYMUS OBOVATUS</b>		<b>RUNNING STRAWBERRY-BUSH</b>				
BR RV CU WR	HIGH ELEVATION WOODS	FL: MAY-JUN, FR: JUL-OCT	S		S2	G5
<b>EUPATORIUM LEUCOLEPIS</b>		<b>WHITE-BRACTED THOROUGHWORT</b>				
ER	WET BARRENS	FL: JUN-AUG, FR: JUL-SEPT	E		S1	G5
<b>EUPATORIUM STEELEI</b>		<b>STEELE'S JOE-PYE WEED</b>				
BR	MOUNTAIN WOODS	FL: JUL-OCT, FR: SEPT-NOV	S		S3	G4
<b>EVOLVULUS NUTTALLIANUS</b>		<b>EVOLVULUS</b>				
CB	GLADES	FL: APR-JUL, FR: APR-JUL	S		S3	G5
<b>FESTUCA PARADOXA</b>		<b>CLUSTER FESCUE</b>				
CP ER BR	WET WOODS AND PRAIRIES	FL: MAY-JUL, FR: MAY-JUL	S		S1	G5
<b>FIMBRISTYLIS PERPUSILLA</b>		<b>HARPER'S FIMBRISTYLIS</b>				
CU	DEPRESSIONS IN LOW WOODS	FL: JUL, FR: JUL	E		S1	G2
<b>FIMBRISTYLIS PUBERULA</b>		<b>HAIRY FIMBRISTYLIS</b>				
ER CU CB WU	WET PRAIRIES AND WOODS	FL: JUL-SEPT, FR: JUL-SEPT	T		S1S2	G5
<b>FOTHERGILLA MAJOR</b>		<b>MOUNTAIN WITCH-ALDER</b>				
CU BR RV	ROCKY SLOPES AND RIVER BANKS	FL: MAR-JUN, FR: JUL-OCT	T		S2	G3
<b>FUIRENA SQUARROSA</b>		<b>HAIRY UMBRELLA-SEDGE</b>				
WU BR WR ER	STREAM AND LAKE MARGINS	FL: JUL-OCT, FR: SEPT-NOV	S		S1	G4G5



<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>GALIUM ASPRELLUM</b>		<b>ROUGH BEDSTRAW</b>				
BR	SPRING-FED SWAMPS	FL: JUL-SEPT, FR: AUG-OCT	S		S1	G5
<b>GALIUM PALUSTRE</b>		<b>MARSH BEDSTRAW</b>				
BR	LOW GROUND, MEADOWS, SWAMPY HOLLOWES	FL:JUNE-AUG,FR:JUNE-AUG	S		S1	G5
<b>GALIUM UNIFLORUM</b>		<b>FRAGRANT BEDSTRAW</b>				
RV	DRY WOODS	FL: APR-JUL; FR:JUN-AUG	S		S1	G4G5
<b>GAYLUSSACIA DUMOSA</b>		<b>DWARF HUCKLEBERRY</b>				
ER CU HR	BARRENS	FL: APR-JUN, FR: MAY-SEPT	T		S3	G5
<b>GELSEMIUM SEMPERVIRENS</b>		<b>YELLOW JESSAMINE</b>				
RV CU BR	DRY OPENINGS	FL: MAR-MAY, FR: MAY-AUG	S		S1S2	G5
<b>GENTIANA AUSTROMONTANA</b>		<b>APPALACHIAN GENTIAN</b>				
BR	HIGH ELEVATION OPEN WOODS	FL: AUG-OCT, FR: SEPT-NOV	S		S3	G3
<b>GENTIANA LINEARIS</b>		<b>NARROW-LEAVED GENTIAN</b>				
BR	HIGH ELEVATION WET AREAS	FL: AUG, FR: SEPT	T		S1	G4G5
<b>GENTIANA PUBERULENTA</b>		<b>DOWNY GENTIAN</b>				
ER CB	BARRENS	FL: SEPT-DEC, FR: SEPT-DEC	E		S1	G4G5
<b>GERANIUM ROBERTIANUM</b>		<b>HERB-ROBERT</b>				
ER	LIMESTONE LEDGES AND BLUFFS	FL: APR-MAY; FR: JUN-AUG	S		S2	G5
<b>GEUM ALEPPICUM</b>		<b>YELLOW AVENS</b>				
BR	WET MEADOWS, BOGS	FL: JUN-JUL; FR: SEPT-NOV	S		S1	G5
<b>GEUM GENICULATUM</b>		<b>BENT AVENS</b>				
BR	NORTHERN HARDWOOD FORESTS AND MOUNTAIN BALDS	FL: JUN-AUG, FR: JUL-SEPT	E		S1	G2

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>GEUM LACINIATUM</b>		<b>ROUGH AVENS</b>				
BR	LAKE MARGINS	FL: MAY, FR: JUN	S		S1	G5
<b>GEUM RADIATUM</b>		<b>SPREADING AVENS</b>				
BR	HEATH BALDS	FL: JUN-AUG, FR: JUL-SEPT	E	LE	S1	G1
<b>GLYCERIA ACUTIFLORA</b>		<b>SHARP-SCALED MANNAGRASS</b>				
ER CU	SWAMPS,PONDS	FL: MAY-JUL, FR: MAY-JUL	S		S2	G5
<b>GLYCERIA LAXA</b>		<b>NORTHERN MANNAGRASS</b>				
BR	BOGS AND WET AREAS	FL: JUN-JUL, FR: JUN-AUG	S		S1	G5
<b>GLYCERIA NUBIGENA</b>		<b>SMOKY MOUNTAINS MANNAGRASS</b>				
BR	MOUNTAIN BALDS AND OPEN SEEPS	FL: JUN-JUL, FR: JUN-AUG	T		S1S2	G2
<b>GNAPHALIUM HELLERI</b>		<b>HELLER'S CATFOOT</b>				
RV WR	DRY SANDY WOODS	FL: SEPT-OCT, FR: SEPT-OCT	S		S2	G4G5
<b>GOODYERA REPENS</b>		<b>DWARF RATTLESNAKE-PLANTAIN</b>				
BR	MOIST CONIFER/RHODODENDRON WOODS	FL: JUN-AUG, FR: JUL-SEPT	S		S1	G5
<b>GRATIOLA FLORIDANA</b>		<b>FLORIDA HEDGE-HYSSOP</b>				
ER RV CB	WOODED SWAMPS	FL: APR-JUN, FR: MAY-AUG	E		S1	G4
<b>GYMNOPOGON BREVIFOLIUS</b>		<b>BROAD-LEAVED BEARDGRASS</b>				
ER	BARRENS	FL: AUG-OCT, FR: AUG-OCT	S		S1S2	G5
<b>HEDYOTIS PURPUREA VAR MONTANA</b>		<b>ROAN MOUNTAIN BLUET</b>				
BR	HIGH ELEVATION OUTCROPS	FL: MAY-JUL, FR: JUL-AUG	E	LE	S1	G5T2
<b>HELENIUM BREVIFOLIUM</b>		<b>SHORTLEAF SNEEZEWEED</b>				
CU	ROCKY, SANDY STREAMSIDES	FL: MAY-JUN, FR: MAY-JUN	E		S1	G3G4

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>HELIANTHEMUM BICKNELLII</b>		<b>PLAINS FROSTWEED</b>				
BR	DRY RIDGES	FL: JUN, FR: JUL	E-P		SH	G5
<b>HELIANTHEMUM CANADENSE</b>		<b>CANADA FROSTWEED</b>				
BR	DRY RIDGES	FL: APR-JUN, FR: MAY-JUL	E-P		SH	G5
<b>HELIANTHEMUM PROPINQUUM</b>		<b>LOW FROSTWEED</b>				
CU ER	BARRENS	FL: JUN-JUL, FR: AUG-OCT	S		S1S2	G4
<b>HELIANTHUS EGGERTII</b>		<b>EGGERT'S SUNFLOWER</b>				
WR ER CU CB	BARRENS AND ROADSIDES	FL: AUG-SEPT, FR: SEPT-OCT	T	LT	S3	G3
<b>HELIANTHUS GLAUCOPHYLLUS</b>		<b>WHITE-LEAVED SUNFLOWER</b>				
BR	DRY OPEN WOODS	FL: JUL-SEPT, FR: AUG-OCT	T		S1	G3
<b>HELIANTHUS OCCIDENTALIS</b>		<b>NAKED-STEM SUNFLOWER</b>				
RV SV CU ER WR WU CB	LIMESTONE GLADES AND BARRENS; ROADSIDES	FL: JUL-OCT; FR: OCT-NOV	S		S2	G5
<b>HELIANTHUS VERTICILLATUS</b>		<b>WHORLED SUNFLOWER</b>				
CP	EDGE OF CREEKS AND FIELDS	FL: AUG-OCT, FR: OCT-NOV	E	C	S1	G1Q
<b>HERACLEUM MAXIMUM</b>		<b>COW-PARSNIP</b>				
RV BR	MOIST WOODS AND FLOODPLAINS	FL: MAY-JUL, FR: JUL-AUG	S		S2	G5
<b>HETERANTHERA LIMOSA</b>		<b>BLUE MUD-PLANTAIN</b>				
WR WU	MUD FLATS	FL: JUN-SEPT, FR: JUN-SEPT	T		S1S2	G5
<b>HETERANTHERA MULTIFLORA</b>		<b>MULTIFLOWERED MUD-PLANTAIN</b>				
	SHALLOW WATER, MUD FLATS	FL: JUN-SEPT; FR: AUG-NOV	S		S1	G4
<b>HEUCHERA LONGIFLORA VAR ACEROIDES</b>		<b>MAPLE-LEAF ALUMROOT</b>				
BR RV	MOIST RAVINES	FL: MAY-JUN, FR: JUN-AUG	S		S2	G4T2Q

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>HEXASTYLIS VIRGINICA</b>		<b>VIRGINIA HEARTLEAF</b>				
CU BR RV	SANDY OR ROCKY WOODS	FL: MAR-MAY, FR: JUNE	S		S2	G4
<b>HIERACIUM LONGIPILUM</b>		<b>HAIRY HAWKWEED</b>				
WR	DRY FIELDS AND SANDY ROAD BANKS	FL: JUL-SEPT, FR: JUL-SEPT	S		S1	G4G5
<b>HIERACIUM SCABRUM</b>		<b>ROUGH HAWKWEED</b>				
BR CU ER	DRY OPEN WOODS AND PASTURES	FL: JUL-SEPT, FR: AUG-OCT	T		S2	G5
<b>HOTTONIA INFLATA</b>		<b>FEATHERFOIL</b>				
MF WR SV	WET SLOUGHS AND DITCHES	FL: APR-MAY, FR: MAY-JUL	S		S2	G4
<b>HUPERZIA APPALACHIANA</b>		<b>APPALACHIAN FIR CLUBMOSS</b>				
BR	SPRUCE-FIR FOREST	SPORULATION: JUN-AUG	T		S1	G4G5
<b>HYDRASTIS CANADENSIS</b>		<b>GOLDENSEAL</b>				
CP WR WU RV CU CB CM ER SV BR	RICH WOODS	FL: MAR-JUN, FR: JUN-JUL	S-CE		S3	G4
<b>HYDROCOTYLE AMERICANA</b>		<b>AMERICAN WATER-PENNYWORT</b>				
CU BR	WET SOILS AND POOLS	FL: JUN-JUL, FR: JUL-SEPT	E		S1	G5
<b>HYDROLEA OVATA</b>		<b>OVATE FIDDLELEAF</b>				
CU	PONDS AND SWAMPS	FL: JUN-SEPT, FR: JUN-SEPT	S		S1	G5
<b>HYDROPHYLLUM VIRGINIANUM</b>		<b>APPALACHIAN WATERLEAF</b>				
RV BR	ALLUVIAL WOODS	FL: JUN-JUL, FR: JUL-SEPT	T		S3	G5
<b>HYMENOPHYLLUM TAYLORIAE</b>		<b>GORGE FILMY FERN</b>				
CU BR	MOIST ROCKHOUSES		S		S2	G1G2
<b>HYPERICUM ADPRESSUM</b>		<b>CREEPING ST. JOHN'S-WORT</b>				
ER CU	EDGES OF PONDS AND LAKES	FL: JUL-SEPT, FR: AUG-OCT	E		S1	G2G3

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>HYPERICUM ELLIPTICUM</b>		<b>PALE ST. JOHN'S-WORT</b>				
BR	BOGS	FL: JUL-AUG, FR: AUG-SEPT	E		S1	G5
<b>HYPERICUM GRAVEOLENS</b>		<b>MOUNTAIN ST. JOHN'S-WORT</b>				
BR	BOGGY WOODS AND RIVER BANKS	FL: JUL-AUG, FR: AUG-SEPT	E		S3	G3
<b>HYPERICUM MITCHELLIANUM</b>		<b>BLUE RIDGE ST. JOHN'S-WORT</b>				
BR	HIGH ELEVATION, MOIST WOODS	FL: JUL-AUG, FR: AUG-SEPT	T		S2	G3
<b>IRIS BREVICAULIS</b>		<b>LAMANCE IRIS</b>				
WR CP WU	BOTTOMLANDS	FL: MAY-JUN, FR: JUN-AUG	E		S1	G4
<b>IRIS FULVA</b>		<b>COPPER IRIS</b>				
CP MF RV	BOTTOMLANDS	FL: MAY-JUN, FR: JUN-JUL	T		S2	G5
<b>IRIS PRISMATICA</b>		<b>SLENDER BLUE FLAG</b>				
ER HR	WET BARRENS	FL: APR-MAY, FR: JUN-JUL	T		S2S3	G4G5
<b>ISOETES LACUSTRIS</b>		<b>LAKE QUILLWORT</b>				
	ROCKY RIVER BANKS	SPORULATION: JUL-SEPT	E		SRF	G5
<b>ISOETES MELANOPODA</b>		<b>BLACKFOOT QUILLWORT</b>				
WU ER CB	WET FIELDS	FL: MAY-OCT, FR: MAY-OCT	E		S1S2	G5
<b>ISOETES TENNESSEENSIS</b>		<b>HIWASSEE QUILLWORT</b>				
RV BR	ROCKY RIVER BANKS	SPORULATION: JUL-SEPT	S		S1	G1
<b>ISOTRIA MEDEOLOIDES</b>		<b>SMALL WHORLED POGONIA</b>				
CU BR	MID-ELEVATION DRY WOODS	FL: MAY-JUN, FR: JUN-JUL	E	LT	S1	G2
<b>JUGLANS CINEREA</b>		<b>BUTTERNUT</b>				
CB WU WR BR RV ER CU	RICH WOODS AND HOLLOWES	FL: APR-MAY, FL: AUG-DEC	T		S3	G3G4

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>JUNCUS BRACHYCEPHALUS</b>		<b>SMALL-HEADED RUSH</b>				
ER CB WR RV	SEEPS AND WET BLUFFS	FL: JUN-SEPT, FR: JUN-SEPT	S		S2	G5
<b>JUNCUS GYMNOCARPUS</b>		<b>NAKED-FRUITED RUSH</b>				
BR	MID-ELEVATION SEEPS AND STREAMSIDE	FL: JUL-SEPT, FR: SEPT-OCT	S		S3	G4
<b>JUNCUS TRIFIDUS</b>		<b>HIGHLAND RUSH</b>				
BR	DRY CLIFF LEDGES	FL: JUL-SEPT, FR: SEPT-OCT	E-P		SH	G5
<b>KALMIA ANGUSTIFOLIA VAR CAROLINA</b>		<b>LAMBKILL</b>				
BR	BOGS	FL: APR-MAY, FR: SEPT-OCT	E-P		SX	G5T4
<b>KRIGIA MONTANA</b>		<b>FALSE DANDELION</b>				
BR	DRY ROCKY OPENINGS	FL: MAY-SEPT, FR: MAY-SEPT	T		S1	G3
<b>LACHNANTHES CAROLIANA</b>		<b>CAROLINA REDROOT</b>				
ER	ACIDIC WETLANDS AND BARRENS	FL: JUN-JUL, FR: JUL-AUG	E		S1	G4
<b>LACHNOCAULON ANCEPS</b>		<b>BOG-BUTTONS</b>				
CU	ACIDIC OPEN WETLANDS	FL: MAY-OCT, FR: MAY-OCT	E		SH	G5
<b>LATHYRUS PALUSTRIS</b>		<b>MARSH PEA</b>				
RV ER CU	WET WOODS & MARSHES	FL: MAY-JUN, FR: JUL-SEPT	S		S1	G5
<b>LEAVENWORTHIA EXIGUA VAR EXIGUA</b>		<b>GLADE-CRESS</b>				
CB WU WR	GLADES	FL: MAR-APR, FR: APR-MAY	S		S3	G4T3
<b>LEAVENWORTHIA EXIGUA VAR LUTEA</b>		<b>PASTURE GLADE-CRESS</b>				
CB	GLADES	FL: MAR, FR: MAR	E-P		SH	G4T1
<b>LECHEA PULCHELLA</b>		<b>LEGGETT'S PINWEED</b>				
ER HR	BARRENS	FL: JUL-SEPT, FR: AUG-OCT	E		S1	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>LESPEDEZA ANGUSTIFOLIA</b>		<b>NARROWLEAF BUSHCLOVER</b>				
ER	BARRENS	FL: JUL-SEPT, FR: SEPT-OCT	T		S2	G5
<b>LESQUERELLA DENSIPILA</b>		<b>DUCK RIVER BLADDERPOD</b>				
CB WR	CULTIVATED FIELDS	FL: MAR-APR, FR: APR-MAY	T		S3	G3
<b>LESQUERELLA GLOBOSA</b>		<b>SHORT'S BLADDERPOD</b>				
WR CB HR	SHALE SLOPES AND CULTIVATED FIELDS	FL: MAR-MAY, FR: MAY-JUL	E	C	S2	G2
<b>LESQUERELLA PERFORATA</b>		<b>SPRING CREEK BLADDERPOD</b>				
CB	CULTIVATED FIELDS	FL: MAR-APR, FR: APR-MAY	E	LE	S1	G1
<b>LESQUERELLA STONENSIS</b>		<b>STONES RIVER BLADDERPOD</b>				
CB	CULTIVATED FIELDS	FL: MAR-APR, FR: APR-MAY	E		S1	G1
<b>LEUCOTHOE RACEMOSA</b>		<b>FETTER-BUSH</b>				
CU WR BR RV	ACIDIC WETLANDS AND SWAMPS	FL: APR-JUN, FR: MAY-DEC	T		S2	G5
<b>LIATRIS CYLINDRACEA</b>		<b>SLENDER BLAZING-STAR</b>				
CB RV WU CU	BARRENS	FL: AUG-SEPT, FR: SEPT-OCT	T		S2	G5
<b>LILIUM CANADENSE</b>		<b>CANADA LILY</b>				
CM BR CU RV CB WR ER	RICH WOODS AND SEEPS	FL: JUN-AUG, FR: AUG-OCT	T		S3	G5
<b>LILIUM GRAYI</b>		<b>GRAY'S LILY</b>				
BR	BALDS AND HIGH ELEVATION SEEPS	FL: MAY-JUL, FR: JUL-SEPT	E		S1	G3
<b>LILIUM MICHIGANENSE</b>		<b>MICHIGAN LILY</b>				
WR CU ER CB SV RV WU	SWAMPS AND OPEN WET WOODS	FL: JUN-AUG, FR: AUG-SEPT	T		S3	G5
<b>LILIUM PHILADELPHICUM</b>		<b>WOOD LILY</b>				
CU CM RV ER	DRY OPENINGS, POWERLINES	FL: JUN-AUG, FR: JUL-OCT	E		S1	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>LINNAEA BOREALIS</b>		<b>TWINFLOWER</b>				
BR	HIGH ELEVATION MESIC FORESTS	FL: MAY-AUG, FR: MAY-AUG	E-P		SX	G5
<b>LIPARIS LOESELII</b>		<b>FEN ORCHIS</b>				
CB RV BR WR ER CU	CALCAREOUS SEEPS	FL: MAY-JUL, FR: JUN-JUL	T		S1	G5
<b>LISTERA AUSTRALIS</b>		<b>SOUTHERN TWAYBLADE</b>				
ER CP CU	WET-MESIC WOODS	FL: MAR-APR, FR: APR	E		S1S2	G4
<b>LISTERA SMALLII</b>		<b>APPALACHIAN TWAYBLADE</b>				
BR	HIGH ELEVATION SWAMPS OR BOGS	FL: MAY-JUL, FR: JUN-SEPT	S		S3	G4
<b>LOBELIA AMOENA</b>		<b>SOUTHERN LOBELIA</b>				
BR	MOUNTAIN FLOOD PLAINS AND POOLS	FL: JUL-OCT, FR: JUL-NOV	T		S1S2	G4?
<b>LOBELIA CANBYI</b>		<b>CANBY'S LOBELIA</b>				
ER CU HR	OAK BARRENS, WET AREAS	FL: JUL-SEPT, FR: AUG-OCT	T		S2S3	G4
<b>LONICERA CANADENSIS</b>		<b>AMERICAN FLY-HONEYSUCKLE</b>				
BR RV	MOUNTAIN WOODS AND STREAMS	FL: MAY-JUNE, FR: JUNE-AUG	T		S1	G5
<b>LONICERA DIOICA</b>		<b>MOUNTAIN HONEYSUCKLE</b>				
RV BR ER CU	MOUNTAIN WOODS AND THICKETS	FL: MAY-JUL, FR: JUL-SEPT	S		S2	G5
<b>LONICERA FLAVA</b>		<b>YELLOW HONEYSUCKLE</b>				
RV WR CU ER	ROCKY WOODS AND THICKETS	FL: MAY-JUL, FR: JUL-SEPT	T		S1	G5?
<b>LONICERA PROLIFERA</b>		<b>GRAPE HONEYSUCKLE</b>				
CB	SANDY WOODED SLOPES	FL: APR-JUN, FR: APR-JUN	E-P		SH	G5
<b>LUDWIGIA SPHAEROCARPA</b>		<b>GLOBE-FRUITED FALSE-LOOSESTRIFE</b>				
ER	SWAMPS AND SHALLOW POOLS	FL: JUL-SEPT, FR: SEPT-OCT	T		S1	G5



<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>LYCOPODIELLA ALOPECUROIDES</b>	<b>FOXTAIL CLUBMOSS</b>					
ER CU	WET ACIDIC BARRENS	SPORULATION: MAR-OCT	T		S2	G5
<b>LYCOPODIUM ANNOTINUM</b>	<b>STIFF CLUBMOSS</b>					
BR	HIGH ELEVATION ACIDIC/MESIC WOODS	SPORULATION: JUL-OCT	E-P		SH	G5
<b>LYCOPODIUM DENDROIDEUM</b>	<b>TREELIKE CLUBMOSS</b>					
BR	HIGH ELEV. BALDS & WOODS	SPORULATION: AUG-OCT	S		S1	G5
<b>LYSIMACHIA FRASERI</b>	<b>FRASER'S LOOSESTRIFE</b>					
RV BR WR CU	DRY OPEN WOODS	FL: JUN-AUG, FR: JUL-OCT	E		S2	G2
<b>LYSIMACHIA QUADRIFLORA</b>	<b>FOUR-FLOWERED LOOSESTRIFE</b>					
RV	SPRING RUNS, FENS	FL: JUN-AUG, FR: JUN-AUG	S		S1	G5?
<b>LYSIMACHIA TERRESTRIS</b>	<b>SWAMP LOOSESTRIFE</b>					
BR ER	WET PRAIRIES AND SWAMPS	FL: JUN-AUG, FR: JUL-OCT	E		S1	G5
<b>MAGNOLIA VIRGINIANA</b>	<b>SWEETBAY MAGNOLIA</b>					
BR WU RV CP	FORESTED ACIDIC WETLANDS	FL: APR-MAY, FR: MAY-OCT	T		S2	G5
<b>MARSHALLIA GRANDIFLORA</b>	<b>LARGE-FL. BARBARA'S-BUTTONS</b>					
CU RV	ROCKY RIVER BARS	FL: JUN-SEPT, FR: AUG-OCT	E		S2	G2
<b>MARSHALLIA OBOVATA</b>	<b>PIEDMONT BARBARA'S-BUTTONS</b>					
BR	WOODLANDS & STREAMBANKS	FL: APR-MAY, FR: MAY-JUL	T		S1	G4G5
<b>MARSHALLIA TRINERVIA</b>	<b>BROAD-LEAVED BARBARA'S-BUTTONS</b>					
ER WR	ROCKY RAVINES	FL: MAY-JUL, FR: JUL-SEPT	T		S2S3	G3
<b>MEEHANIA CORDATA</b>	<b>HEARTLEAF MEEHANIA</b>					
RV BR	WOODED MOUNTAIN SLOPES	FL: MAY-JUL, FR: JUN-AUG	T		S2	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>MELANTHIUM LATIFOLIUM</b>		<b>BROADLEAF BUNCHFLOWER</b>				
BR ER	OAK FOREST	FL: JUL-AUG, FR: AUG-OCT	E		S1S2	G5
<b>MELANTHIUM VIRGINICUM</b>		<b>VIRGINIA BUNCHFLOWER</b>				
ER WU	WET WOODS AND FIELDS	FL: JUN-AUG, FR: AUG-OCT	E		S1	G5
<b>MELANTHIUM WOODII</b>		<b>OZARK BUNCHFLOWER</b>				
CU CM RV	RICH WOODED SLOPES	FL: JUN-JUL, FR: JUN-JUL	E		S1	G5
<b>MENZIESIA PILOSA</b>		<b>MINNIEBUSH</b>				
BR	HEATH BALDS AND CLIFFS	FL: MAY-JUL, FR: AUG-OCT	S		S2	G4G5
<b>MILIUM EFFUSUM</b>		<b>TALL MILLET-GRASS</b>				
BR	RICH WOODS	FL: JUN, FR: JUN	S		S1	G5
<b>MIRABILIS ALBIDA</b>		<b>PALE UMBRELLA-WORT</b>				
CB	GLADES	FL: MAY-AUG, FR: MAY-AUG	T		S2	G5
<b>MONOTROPSIS ODORATA</b>		<b>SWEET PINESAP</b>				
BR CU RV	PINEY WOODS	FL: FEB-MAY, FR: MAR-JUN	T		S2	G3
<b>MUHLENBERGIA CUSPIDATA</b>		<b>PLAINS MUHLY</b>				
ER	LIMESTONE CLIFFS	FL: JUL-OCT, FR: JUL-OCT	E		S1	G4
<b>MUHLENBERGIA GLABRIFLORA</b>		<b>HAIR GRASS</b>				
WR CB	DRY WOODS AND BARRENS	FL: AUG-OCT, FR: AUG-OCT	S		S1	G4?
<b>MUHLENBERGIA TORREYANA</b>		<b>TORREY'S DROPSEED</b>				
ER	OAK BARREN BOGS	FL: AUG-OCT, FR: AUG-NOV	E		S1	G3
<b>MYRIOPHYLLUM PINNATUM</b>		<b>CUTLEAF WATER-MILFOIL</b>				
ER CP CU	ACIDIC WETLAND AND PONDS	FL: JUN-SEPT, FR: JUL-OCT	T		S1	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>NEMOPANTHUS COLLINUS</b>		<b>LONG-STALKED HOLLY</b>				
	HIGH ELEVATION SEEPS	FL: MAY-JUN, FR: JUN-AUG	S		S1	G3
<b>NEOBECKIA AQUATICA</b>		<b>LAKE CRESS</b>				
MF ER WR	GUM OR CYPRESS SWAMPS	FL: APR-MAY, FR: JUN-JUL	S		S2	G4?
<b>NESTRONIA UMBELLULA</b>		<b>NESTRONIA</b>				
ER CU BR RV	UPLAND WOODS	FL: APR-JUN, FR: JUN-AUG	E		S1	G4
<b>NEVIUSIA ALABAMENSIS</b>		<b>ALABAMA SNOW-WREATH</b>				
CB ER	UPLAND WOODS	FL: APR-MAY, FR: MAY-JUN	T		S2	G2
<b>OENOTHERA MACROCARPA</b>		<b>MISSOURI PRIMROSE</b>				
CB	LIMESTONE CEDAR GLADES	FL: JUN-AUG, FR: JUL-OCT	T		S2	G5
<b>OENOTHERA PARVIFLORA</b>		<b>NORTHERN EVENING-PRIMROSE</b>				
BR RV	DISTURBED OPEN AREAS	FL: MAY-SEPT, FR: MAY-SEPT	S		S1	G4?
<b>ONOSMODIUM HISPIDISSIMUM</b>		<b>SHAGGY FALSE GROMWELL</b>				
CU	DRY WOODS	FL: MAY-JUL, FR: MAY-JUL	E		S1	G4
<b>ONOSMODIUM MOLLE SSP OCCIDENTALE</b>		<b>WESTERN FALSE GROMWELL</b>				
WU WR RV	GLADES	FL: MAY-JUL, FR: JUN-AUG	T		S1S2	G4G5T4?
<b>ONOSMODIUM MOLLE SSP SUBSETOSUM</b>		<b>SMOOTH FALSE GROMWELL</b>				
CB CU	LIMESTONE WOODS	FL: MAY-JUN, FR: JUN-AUG	E		S1	G4G5T?
<b>OPHIOGLOSSUM CROTALOPHOROIDES</b>		<b>BULBOUS ADDER'S-TONGUE</b>				
CP	MEADOWS AND GRASSY SLOPES	SPORULATION: MAR-SEPT	S		SH	G5
<b>OROBANCHE LUDOVICIANA</b>		<b>LOUISIANA BROOMRAPE</b>				
MF	RICH FLOODPLAINS	FL: JUL-SEPT, FR: JUL-SEPT	S		SH	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>PACKERA PLATTENSIS</b>		<b>PRAIRIE RAGWORT</b>				
RV	OPEN RIVERBANKS, BARRENS	FL: APR-JUN; FR: JUN-AUG	S		SH	G5
<b>PANAX QUINQUEFOLIUS</b>		<b>AMERICAN GINSENG</b>				
WU CP CU CB BR WR ER RV SV CM	RICH WOODS	FL: APR-JUL, FR: MAY-OCT	S-CE		S3S4	G3G4
<b>PANICUM ACICULARE</b>		<b>NEEDLELEAF WITCHGRASS</b>				
ER	SANDY PINE WOODS AND BARRENS	FL: MAY-OCT, FR: JUN-OCT	E		S1	G4G5
<b>PANICUM ACUMINATUM VAR DENSIFLORUM</b>		<b>EATON'S WITCHGRASS</b>				
ER	SANDY PEATY PINE BARRENS	FL: MAY-JUL, FR: JUN-AUG	E		S1	G5
<b>PANICUM ACUMINATUM VAR LEUCOTHRIX</b>		<b>ROUGHISH WITCHGRASS</b>				
ER WR BR	MOIST PINE BARRENS	FL: MAY-JUL, FR: JUN-AUG	S		S1	G4?Q
<b>PANICUM CURTIFOLIUM</b>		<b>SHORT-LEAVED PANIC GRASS</b>				
ER CU	BOGGY AREAS	FL: MAY-AUG, FR: MAY-AUG	E		S1	G3?
<b>PANICUM ENSIFOLIUM</b>		<b>SMALL-LEAVED PANICGRASS</b>				
CU CP ER	MOIST PINE BARRENS	FL: MAY-JUL, FR: JUN-JUL	S		S2	G4
<b>PANICUM HEMITOMON</b>		<b>MAIDENCANE</b>				
ER	PONDS IN BARRENS	FL: JUN-JUL, FR: JUL-SEPT	S		S2	G5?
<b>PARNASSIA GRANDIFOLIA</b>		<b>LARGE-LEAVED GRASS-OF-PARNASSUS</b>				
ER WR RV	CALCAREOUS SEEPS	FL: AUG-OCT, FR: NOV-DEC	S		S3	G3
<b>PARONYCHIA ARGYROCOMA</b>		<b>SILVERLING</b>				
CU BR	DRY SANDSTONE, GRANITE OUTCROPS	FL: APR-JUN, FR: MAY-SEP	T		S1S2	G4
<b>PAXISTIMA CANBYI</b>		<b>CANBY'S MOUNTAIN-LOVER</b>				
RV	ROCKY, MOUNTAIN WOODS	FL: APR-MAY, FR: SEPT	E		S1	G2

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>PEDICULARIS LANCEOLATA</b>		<b>SWAMP LOUSEWORT</b>				
ER CU RV BR HR	WET ACIDIC BARRENS AND SEEPS	FL: AUG-SEP, FR: SEP-OCT	S		S1S2	G5
<b>PENSTEMON TUBIFLORUS</b>		<b>SMALL-FLOWERED BEARDTONGUE</b>				
CP	MOIST WOODS	FL: APR-AUG, FR: MAY-SEPT	S		S1	G5
<b>PERIDERIDIA AMERICANA</b>		<b>THICKET PARSLEY</b>				
CB	CEDAR BARRENS	FL: JUN-JUL, FR: JUL-SEPT	E		S2	G4
<b>PHACELIA RANUNCULACEA</b>		<b>BLUE SCORPION-WEED</b>				
WR CP MF	ALLUVIAL WOODS	FL: MAR-APR, FR: MAY	S		S2S3	G3G4
<b>PHLOX BIFIDA SSP STELLARIA</b>		<b>GLADE CLEFT PHLOX</b>				
CB WR	GLADES	FL: MAR-MAY, FR: MAY-JUL	T		S3	G5?T3
<b>PHLOX PILOSA SSP OZARKANA</b>		<b>OZARK DOWNY PHLOX</b>				
WU WR CB	ROCKY, DRY OPEN WOODS	FL: APR-MAY, FR: MAY-JUN	S		S1S2	G5T?
<b>PHLOX SUBULATA</b>		<b>MOSS PHLOX</b>				
RV	SHALEY SLOPES	FL: APR-MAY, FR: MAY-JUN	T		S1	G5
<b>PIERIS FLORIBUNDA</b>		<b>MOUNTAIN FETTER-BUSH</b>				
BR RV	HEATH THICKETS	FL: MAY-JUN, FR: AUG-OCT	T		S2	G4
<b>PILULARIA AMERICANA</b>		<b>AMERICAN PILLWORT</b>				
BR WU CU	LAKE DRAWDOWN ZONES	SPORULATION: APR-OCT	S		S1S2	G5
<b>PITYOPSIS RUTHII</b>		<b>RUTH'S GOLDEN-ASTER</b>				
BR	ROCKY RIVER SHOALS	FL: SEP-OCT, FR: OCT-NOV	E	LE	S1	G1
<b>PLANTAGO CORDATA</b>		<b>HEART-LEAVED PLANTAIN</b>				
WU CU	LIMESTONE CREEK BEDS	FL: MAR-MAY, FR: MAY-JUL	E		S1	G4

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<b>PLATANThERA FLAVA VAR HERBIOLA</b>	<b>TUBERCLED REIN-ORCHID</b>					
BR RV	SWAMPS AND FLOODPLAINS	FL: MAY-JUNE, FR: JUL-SEP	T		S2	G4T4Q
<b>PLATANThERA GRANDIFLORA</b>	<b>LARGE PURPLE FRINGED ORCHID</b>					
BR	WET MEADOWS AND OPEN WOODS	FL: JUN-AUG, FR: AUG-SEP	E		S2	G5
<b>PLATANThERA INTEGRa</b>	<b>YELLOW FRINGELESS ORCHID</b>					
ER CU	WET BARRENS	FL: JUL-SEPT, FR: AUG-SEPT	E		S1	G3G4
<b>PLATANThERA INTEGRILABIA</b>	<b>WHITE FRINGELESS ORCHID</b>					
CU BR	ACIDIC SEEPS AND STREAM HEADS	FL: JUL-SEP, FR: SEP-OCT	E	C	S2S3	G2G3
<b>PLATANThERA NIVEA</b>	<b>SNOWY ORCHID</b>					
ER	WET BARRENS	FL: JUN-AUG, FR: JUL-SEPT	E		S1	G5
<b>PLATANThERA ORBICULATA</b>	<b>LARGE ROUND-LEAVED ORCHID</b>					
BR RV CU	MID-ELEVATION MESIC FORESTS	FL: JUN-AUG, FR: AUG-SEP	T		S3	G5?
<b>PLATANThERA PSYCODES</b>	<b>SMALL PURPLE FRINGED ORCHID</b>					
BR	WET WOODS AND BOG MARGINS	FL: JUN-AUG, FR: JUL-SEP	S		S2	G5
<b>POA PALUSTRIS</b>	<b>FOWL BLUEGRASS</b>					
BR	WET BALDS	FL: JUN-JUL, FR: JUN-SEP	E		S1	G5
<b>POA SALTUENSIS</b>	<b>DROOPING BLUEGRASS</b>					
BR CU	RICH OAK WOODS	FL: JUL-AUG, FR: AUG-OCT	T		S1	G5
<b>POGONIA OPHIOGLOSSOIDES</b>	<b>ROSE POGONIA</b>					
ER CU BR RV	WET ACIDIC BARRENS	FL: JUN-AUG, FR: JUL-SEPT	E		S2	G5
<b>POLYGALA BOYKINII</b>	<b>BOYKIN'S MILKWORT</b>					
CB	GLADES	FL: MAY-AUG, FR: JUN-SEPT	S		S2	G4

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>POLYGALA MARIANA</b>		<b>MARYLAND MILKWORT</b>				
WU RV WR ER	SANDY ALLUVIAL WOODS AND DISTURBED AREAS	FL: JUN-OCT, FR: JUN-OCT	S		S1	G5
<b>POLYGALA NANA</b>		<b>DWARF MILKWORT</b>				
CU ER	WET ACIDIC BARRENS	FL: MAY-JUN, FR: JUN-JUL	E		S1	G5
<b>POLYGALA NUTTALLII</b>		<b>NUTTALL'S MILKWORT</b>				
ER	PRAIRIES	FL: JUN-AUG, FR: JUN-AUG	E		S1	G5
<b>POLYGONELLA AMERICANA</b>		<b>SOUTHERN JOINTWEED</b>				
CU	DRY, OPEN WOODS AND BARRENS	FL: JUN-SEPT, FR: AUG-NOV	E		S1S2	G5
<b>POLYGONUM ARIFOLIUM</b>		<b>HALBERD-LEAF TEARTHUMB</b>				
BR CP	WETLANDS AND MARSHES	FL: JUL-NOV, FR: AUG-NOV	T		S1	G5
<b>POLYGONUM CILINODE</b>		<b>FRINGED BLACK BINDWEED</b>				
BR RV	DRY ROCKY WOODS AND THICKETS	FL: JUN-SEP, FR: AUG-NOV	T		S1S2	G5
<b>POLYTAENIA NUTTALLII</b>		<b>PRAIRIE PARSLEY</b>				
WU WR	PRAIRIES AND OPEN DRY AREAS	FL: APR-JUN, FR: JUN-AUG	T		S1	G5
<b>PONTHIEVA RACEMOSA</b>		<b>SHADOW-WITCH</b>				
CU ER	WET WOODS	FL: JUL-SEPT, FR: AUG-SEPT	E		S1	G4G5
<b>POPULUS GRANDIDENTATA</b>		<b>LARGE-TOOTH ASPEN</b>				
BR ER WR CM CU	DRY WOODLANDS	FL: APR-MAY, FR: MAY-JUN	S		S2	G5
<b>POTAMOGETON AMPLIFOLIUS</b>		<b>LARGE-LEAF PONDWEED</b>				
BR ER RV CU	LAKES AND STREAMS	FL: JUN-SEP, FR: AUG-NOV	T		S1	G5
<b>POTAMOGETON EPIHYDRUS</b>		<b>NUTTALL'S PONDWEED</b>				
BR RV CU	LAKES AND STREAMS	FL: JUN-SEP, FR: AUG-NOV	S		S1S2	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>POTAMOGETON TENNESSEENSIS</b>		<b>TENNESSEE PONDWEED</b>				
CU BR	SLOW ACIDIC STREAMS	FL: MAY-SEP, FR: AUG-SEP	T		S2	G2
<b>POTENTILLA TRIDENTATA</b>		<b>THREE-TOOTHED CINQUEFOIL</b>				
BR	HIGH ELEVATION OPENINGS	FL: JUN-AUG, FR: JUL-SEP	S		S1S2	G5
<b>PRENANTHES ASPERA</b>		<b>ROUGH RATTLESNAKE-ROOT</b>				
ER WU WR	BARRENS AND ROADSIDES	FL: AUG-SEPT, FR: AUG-SEPT	E		S1	G4?
<b>PRENANTHES BARBATA</b>		<b>BEARDED RATTLESNAKE-ROOT</b>				
WR WU	BARRENS AND DRY WOODLANDS	FL: AUG-SEPT, FR: SEPT-NOV	S		S2	G3
<b>PRENANTHES CREPIDINEA</b>		<b>NODDING RATTLESNAKE-ROOT</b>				
CP WR ER	RICH BOTTOMLANDS	FL: AUG-OCT, FR: AUG-OCT	E		S2	G3G4
<b>PRENANTHES ROANENSIS</b>		<b>MOUNTAIN RATTLESNAKE-ROOT</b>				
BR	BALDS AND MOUNTAIN ROADSIDES	FL: AUG-SEP, FR: AUG-OCT	T		S3	G3
<b>PRUNUS PUMILA</b>		<b>SAND CHERRY</b>				
ER	BARRENS	FL: MAY-JUN, FR: JUN-JUL	T		S1	G5
<b>PRUNUS VIRGINIANA</b>		<b>CHOKE CHERRY</b>				
BR CP	MOIST COVES AND SLOPES	FL: MAY-JUN, FR: JUN-JUL	S		S1	G5
<b>PYCNANTHEMUM BEADLEI</b>		<b>BEADLE'S MOUNTAIN MINT</b>				
BR	MOUNTAIN WOODS	FL: JUL-SEPT; FR: SEPT-NOV	E		S1S2	G2G4
<b>PYCNANTHEMUM TORREI</b>		<b>TORREY'S MOUNTAIN-MINT</b>				
WR	BARRENS	FL: JUL-AUG, FR: AUG-SEPT	S		S1	G2
<b>PYCNANTHEMUM VERTICILLATUM</b>		<b>WHORLED MOUNTAIN-MINT</b>				
CU	UPLAND WOODS, THICKETS	FL: JUL-SEPT, FR: JUL-SEPT	E-P		SH	G5



<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>PYROLA AMERICANA</b>		<b>AMERICAN WINTERGREEN</b>				
BR	MOIST WOODS AND BOGS	FL: JUN-AUG, FR: JUL-SEP	E		S2	G5
<b>QUERCUS MARGARETTIAE</b>		<b>SAND POST OAK</b>				
CP	SANDY HILLS	FL: MAR-MAY, FR: SEPT-DEC	S		S1	G5
<b>RANUNCULUS AQUATILIS VAR DIFFUSUS</b>		<b>WHITE WATER-BUTTERCUP</b>				
WR CB	PONDS AND STREAMS	FL: MAY-SEPT, FR: MAY-SEPT	E		S1	G5T5
<b>RANUNCULUS FLABELLARIIS</b>		<b>YELLOW WATER-CROWFOOT</b>				
WR MF ER RV	PONDS AND MARSHES	FL: APR-JUN, FR: JUN-JUL	T		S2	G5
<b>RHAMNUS ALNIFOLIA</b>		<b>ALDERLEAF BUCKTHORN</b>				
RV	SWAMPS, LOW WOODS	FL: MAY-JUL, FR: AUG-SEPT	E		S1	G5
<b>RHYNCHOSIA LATIFOLIA</b>		<b>PRAIRIE RHYNCHOSIA</b>				
WU	DRY SANDY ROADBANKS	FL: JUN-AUG, FR: JUN-AUG	E-P		SH	G5
<b>RHYNCHOSPORA ALBA</b>		<b>WHITE BEAKRUSH</b>				
BR	BOGS	FL: JUL-OCT, FR: AUG-NOV	E-P		SH	G5
<b>RHYNCHOSPORA CADUCA</b>		<b>FALLING BEAKED-RUSH</b>				
RV ER	MARSHES, WET GROUND	FL: JUN-SEPT; FR: AUG-OCT	S		S1	G5
<b>RHYNCHOSPORA CAPILLACEA</b>		<b>HORNED BEAKRUSH</b>				
RV	LIMESTONE CREEK BANKS	FL: JUL-SEPT, FR: JUL-SEPT	E-P		SH	G4G5
<b>RHYNCHOSPORA CHALAROCEPHALA</b>		<b>LOOSE-HEADED BEAKRUSH</b>				
ER	WET BARRENS	FL: JUL-SEPT, FR: JUL-SEPT	T		S1	G5
<b>RHYNCHOSPORA LATIFOLIA</b>		<b>GIANT WHITE-TOP SEDGE</b>				
	WET BARRENS	FL: JUN-SEPT, FR: JUN-SEPT	E-P		SU,SH	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>RHYNCHOSPORA PERPLEXA</b>		<b>OBSCURE BEAK-RUSH</b>				
ER CU	MARSHES, WET BARRENS	FL: JUL-SEPT, FR: JUL-SEPT	T		S2	G5
<b>RHYNCHOSPORA RARIFLORA</b>		<b>FEW-FLOWERED BEAK-RUSH</b>				
ER CU	SWAMPS AND BOGS	FL: JUL-SEPT, FR: JUL-SEPT	E		S1	G5
<b>RHYNCHOSPORA WRIGHTIANA</b>		<b>WRIGHT'S BEAK-RUSH</b>				
CU	WET PINE BARRENS	FL: JUL-SEPT, FR: JUL-SEPT	E-P		SH	G5
<b>RIBES CURVATUM</b>		<b>GRANITE GOOSEBERRY</b>				
CU	ROCKY WOODS	FL: MAY-JUN; FR: JUN-JUL	T		S1	G4
<b>RIBES ODORATUM</b>		<b>BUFFALO CURRANT</b>				
WR	LIMESTONE BLUFFS	FL: APR-JUN, FR: JUN-AUG	T		S1	G5T4T5
<b>ROSA VIRGINIANA</b>		<b>VIRGINIA ROSE</b>				
CB WR MF	LIMESTONE BARRENS AND SWAMPS	FL: MAY-JUL; FR: JUL-SEPT	S		SH	G5
<b>RUDBECKIA SUBTOMENTOSA</b>		<b>SWEET CONEFLOWER</b>				
WR WU CP	BARRENS	FL: AUG-SEPT, FR: SEPT-OCT	T		S2	G5
<b>RUELLIA PURSHIANA</b>		<b>PURSH'S WILD-PETUNIA</b>				
RV	DRY WOODS	FL: MAY-SEPT, FR: MAY-SEPT	S		S1S2	G3?
<b>RUGELIA NUDICAULIS</b>		<b>RUGEL'S RAGWORT</b>				
BR	HIGH ELEVATION OPEN WOODS	FL: JUN-AUG, FR: JUL-OCT	E		S2	G3
<b>SABATIA CAPITATA</b>		<b>CUMBERLAND ROSE GENTIAN</b>				
CU	DRY OPEN WOODS, POWERLINES	FL: JUN-SEPT, FR: AUG-OCT	E		S2	G2
<b>SACCIOLEPIS STRIATA</b>		<b>GIBBOUS PANIC-GRASS</b>				
BR RV WU CP CU	FLOODPLAINS AND SHALLOW POOLS	FL: JUL-OCT, FR: AUG-OCT	S		S1	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>SAGITTARIA BREVIROSTRA</b>		<b>SHORT-BEAKED ARROWHEAD</b>				
WR WU	SWAMPS AND FLOODPLAINS	FL: JUN-SEPT, FR: JUN-SEPT	T		S1	G5
<b>SAGITTARIA GRAMINEA</b>		<b>GRASSLEAF ARROWHEAD</b>				
ER CU WR	PONDS AND STREAM MARGINS	FL: MAY-NOV, FR: MAY-NOV	T		S1	G5
<b>SAGITTARIA PLATYPHYLLA</b>		<b>OVATE-LEAVED ARROWHEAD</b>				
MF RV CU CB WR	SWAMPS, EMERGENT	FL: MAY-JUL, FR: JUN-SEPT	S		S2S3	G5
<b>SAGITTARIA RIGIDA</b>		<b>SESSILE-FRUITED ARROWHEAD</b>				
WR	PONDS AND MARSHES	FL: MAY-OCT, FR: MAY-OCT	S		S1	G5
<b>SALVIA AZUREA VAR GRANDIFLORA</b>		<b>BLUE SAGE</b>				
CP WU WR	BARRENS	FL: JUL-OCT, FR: SEPT-DEC	S		S3	G4G5T4?
<b>SANGUISORBA CANADENSIS</b>		<b>CANADA BURNET</b>				
BR	BOGS, SEEPS, AND WET MEADOWS	FL: JUL-OCT, FR: AUG-OCT	E		S1	G5
<b>SARRACENIA OREOPHILA</b>		<b>GREEN PITCHER PLANT</b>				
CU	OPEN, WET STREAMBANKS	FL: APR-JUN, FR: JUN-JUL	E-P	LE	SX	G2
<b>SAXIFRAGA CAROLINIANA</b>		<b>CAROLINA SAXIFRAGE</b>				
BR RV	SEEPAGE SLOPES AND WET CLIFFS	FL: MAR-JUN, FR: JUN-JUL	E		S1S2	G2
<b>SAXIFRAGA PENNSYLVANICA</b>		<b>SWAMP SAXIFRAGE</b>				
BR	MARSHES AND WET MEADOWS	FL: APR-JUN, FR: JUN-AUG	E		S1	G5
<b>SCHISANDRA GLABRA</b>		<b>RED STARVINE</b>				
MF CP	RICH MESIC WOODS, BLUFFS	FL: MAY-JUN, FR: JUN-AUG	T		S2	G3
<b>SCHOENOLIRION CROCEUM</b>		<b>YELLOW SUNNYBELL</b>				
CB	WET AREAS IN GLADES	FL: APR-MAY, FR: MAY-JUN	T		S3	G4

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>SCHWALBEA AMERICANA</b>		<b>CHAFFSEED</b>				
CU ER	BARRENS, OPEN STREAMSIDES	FL: MAY-JUN, FR: AUG	E-P	LE	SX	G2
<b>SCIRPUS FLUVIATILIS</b>		<b>RIVER BULRUSH</b>				
RV WU WR	MARSHES	FL: MAY-SEPT, FR: MAY-SEPT	S		S1	G5
<b>SCIRPUS SUBTERMINALIS</b>		<b>WATER BULRUSH</b>				
CU	PONDS AND STREAM MARGINS	FL: JUN-JUL, FR: JUN-JUL	S		S1	G4G5
<b>SCLERIA VERTICILLATA</b>		<b>LOW NUTRUSH</b>				
ER CB	WET PRAIRIES AND FENS	FL: JUL-SEPT, FR: JUL-SEPT	S		S2	G5
<b>SCUTELLARIA ARGUTA</b>		<b>HAIRY SKULLCAP</b>				
	MOUNTAIN WOODS, HIGH MOIST TALUS SLOPES	FL: JUN-AUG, FR: JUL-AUG	E		S1	G2?Q
<b>SCUTELLARIA MONTANA</b>		<b>LARGE-FLOWERED SKULLCAP</b>				
RV CU	ESCARPMENTS, DRY WOODS	FL: APR-MAY, FR: MAY-JUN	T	LT	S2	G2
<b>SCUTELLARIA SAXATILIS</b>		<b>ROCK SKULLCAP</b>				
BR CU RV	ROCKY WOODS AND MOIST CLIFFS	FL: MAY-JUL, FR: AUG-OCT	T		S3	G3
<b>SEDUM NEVII</b>		<b>NEVIUS' STONECROP</b>				
BR RV	ROCKY BLUFFS AND CLIFFS	FL: MAY-JUN, FR: JUN-JUL	E		S1	G3
<b>SENECIO SCHWEINITZIANUS</b>		<b>ROBBINS' RAGWORT</b>				
BR	HIGH ELEVATION BALDS	FL: MAY-JUN, FR: JUL-SEP	T		S1	G5?
<b>SEYMERIA CASSIOIDES</b>		<b>SENNA SEYMERIA</b>				
	ROCKY WOODS	FL: AUG-OCT, FR: OCT-NOV	E-P		SH	G5
<b>SIDA HERMAPHRODITA</b>		<b>VIRGINIA MALLOW</b>				
CM BR RV	STREAM AND RIVER BARS	FL: JUL-AUG, FR: AUG-SEP	E-P		SH	G2

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>SILENE CAROLINIANA SSP PENNSYLVANICA</b>		<b>CAROLINA PINK</b>				
RV	ROCKY BLUFFS	FL: APR-JUL, FR: APR-JUL	T		S1S2	G5T4
<b>SILENE OVATA</b>		<b>OVATE CATCHFLY</b>				
BR CU WU CM CP ER	OPEN OAK WOODS	FL: JUN-AUG, FR: AUG-OCT	E		S2	G2G3
<b>SILENE REGIA</b>		<b>ROYAL CATCHFLY</b>				
RV CU	ROCKY OPENINGS AND THICKETS	FL: JUN-AUG, FR: JUL-SEPT	E-P		SH	G3
<b>SILPHIUM BRACHIATUM</b>		<b>CUMBERLAND ROSINWEED</b>				
CU SV	RICH ROCKY WOODS	FL: JUL-SEPT, FR: SEPT-OCT	E		S2	G2
<b>SILPHIUM LACINIATUM</b>		<b>COMPASS PLANT</b>				
CP RV WR	BARRENS	FL: JUL-SEPT, FR: SEPT-OCT	T		S2	G5
<b>SILPHIUM PINNATIFIDUM</b>		<b>SOUTHERN PRAIRIE-DOCK</b>				
ER CB CU WR RV	BARRENS	FL: JUL-SEPT, FR: SEPT-OCT	T		S2	G3Q
<b>SILPHIUM WASIOTENSE</b>		<b>KENTUCKY ROSINWEED</b>				
RV	MOIST SLOPES	FL: AUG-SEPT, FR: SEPT-OCT	E		S2	G3?
<b>SMILACINA STELLATA</b>		<b>STARFLOWER FALSE SOLOMON'S-SEAL</b>				
ER RV	FLOODPLAINS AND SANDY WOODS	FL: MAY-JUL, FR: JUL-AUG	E		S1	G5
<b>SMILAX LAURIFOLIA</b>		<b>LAUREL-LEAF GREENBRIER</b>				
	WET WOODS AND SWAMPS	FL: JUN-AUG; FR: SEPT-OCT	S		S1	G5
<b>SOLIDAGO AURICULATA</b>		<b>EARED GOLDENROD</b>				
ER CU	DRY WOODS	FL: SEPT-OCT; FR: JUN-JUL	T		S1	G4
<b>SOLIDAGO GATTINGERI</b>		<b>GATTINGER'S GOLDENROD</b>				
CB	GLADES	FL: JUL-SEPT, FR: JUL-SEPT	E		S1	G3?Q

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>SOLIDAGO GRACILLIMA</b>		<b>A GOLDENROD</b>				
ER	WET BARRENS AND FIELDS	FL: SEPT-OCT; FR: OCT-NOV	S		S1	G4?
<b>SOLIDAGO LANCIFOLIA</b>		<b>BROADLEAF GOLDENROD</b>				
BR	MOUNTAIN WOODS	FL: AUG-OCT, FR: SEP-OCT	E		S1	G3G4Q
<b>SOLIDAGO PTARMICOIDES</b>		<b>PRAIRIE GOLDENROD</b>				
RV	BARRENS	FL: JUL-SEPT, FR: AUG-SEPT	E		S1S2	G5
<b>SOLIDAGO RUPESTRIS</b>		<b>ROCK GOLDENROD</b>				
WR	LIMESTONE RIVERBANKS, BLUFFS	FL: JUL-OCT, FR: JUL-OCT	E		S1	G4?
<b>SOLIDAGO SIMPLEX SSP RANDII</b>		<b>STICKY GOLDENROD</b>				
CU	ROCKY RIVER BARS	FL: AUG-SEPT, FR: AUG-SEPT	T		S1S2	G5T5?
<b>SOLIDAGO SPITHAMAEA</b>		<b>BLUE RIDGE GOLDENROD</b>				
BR	MOUNTAIN ROCK OUTCROPS	FL: JUL-SEP, FR: JUL-OCT	E	LT	S1	G1
<b>SOLIDAGO TARDA</b>		<b>LATE GOLDENROD</b>				
CU	SANDY PINE WOODS	FL: JUL-OCT, FR: JUL-OCT	S		SH	G4?Q
<b>SPARGANIUM ANDROCLADUM</b>		<b>BRANCHING BUR-REED</b>				
BR ER RV	SLOW FLOWING STREAMS AND RIVERS, PONDS	FL: MAY-SEP, FR: AUG-OCT	E		S1	G4G5
<b>SPIRAEA ALBA</b>		<b>NARROW-LEAVED MEADOW-SWEET</b>				
BR CU	BOGS	FL: JUN-SEP, FR: JUL-OCT	E		S1	G5
<b>SPIRAEA VIRGINIANA</b>		<b>VIRGINIA SPIRAEA</b>				
CU BR	GRAVELY OR ROCKY STREAM BARS	FL: JUN-JUL, FR: AUG-SEP	E	LT	S2	G2
<b>SPIRANTHES LUCIDA</b>		<b>SHINING LADIES'-TRESSES</b>				
CU RV BR WR ER	ALLUVIAL WOODS AND MOIST SLOPES	FL: MAY-JUN, FR: JUN-JUL	T		S1S2	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>SPIRANTHES OCHROLEUCA</b>	<b>YELLOW NODDING LADIES'-TRESSES</b>					
BR	MOIST MOUNTAIN WOODS	FL: SEPT-OCT, FR: SEPT-OCT	E-P		SH	G4
<b>SPIRANTHES ODORATA</b>	<b>SWEETSCENT LADIES'-TRESSES</b>					
WR RV ER	SWAMPS, POND MARGINS	FL: OCT-MAR, FR: OCT-MAR	E		S1	G5
<b>SPOROBOLUS HETEROLEPIS</b>	<b>NORTHERN DROPSEED</b>					
CB	LIMESTONE GLADES AND BARRENS	FL: JUL-AUG, FR: AUG-OCT	S		S1	G5
<b>SPOROBOLUS JUNCEUS</b>	<b>PINELANDS DROPSEED</b>					
CU	DRY PINEY WOODS	FL: SEPT-OCT, FR: SEPT-OCT	S		S1	G5
<b>STACHYS CLINGMANII</b>	<b>CLINGMAN'S HEDGE-NETTLE</b>					
BR	MOUNTAIN CLEARINGS AND MEADOWS	FL: JUN-AUG, FR: SEP-OCT	T		S1S2	G2Q
<b>STELLARIA ALSINE</b>	<b>TRAILING STITCHWORT</b>					
BR	BOGS AND WET AREAS	FL: APR-MAY, FR: MAY-AUG	E		S1	G5
<b>STELLARIA FONTINALIS</b>	<b>WATER STITCHWORT</b>					
CB WR	SEEPS AND LIMESTONE CREEK BEDS	FL: APR-MAY, FR: MAY-JUN	T		S3	G3
<b>STELLARIA LONGIFOLIA</b>	<b>LONGLEAF STITCHWORT</b>					
BR	BOGS	FL: APR-MAY, FR: MAY-AUG	E		S1	G5
<b>STREPTOPUS AMPLEXIFOLIUS</b>	<b>WHITE MANDARIN</b>					
BR RV	WET CLIFFS AND MOUNTAIN WOODS	FL: APR-JUN, FR: JUL-SEP	T		S1	G5
<b>STREPTOPUS ROSEUS</b>	<b>ROSY TWISTED-STALK</b>					
BR	RICH, MOIST MOUNTAIN WOODS	FL: APR-JUN, FR: JUN-JUL	S		S2	G5
<b>STYLISMA HUMISTRATA</b>	<b>SOUTHERN MORNING-GLORY</b>					
WU RV	DRY PINEY WOODS	FL: JUN-AUG, FR: JUN-AUG	T		S1	G4G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>SULLIVANTIA SULLIVANTII</b>		<b>SULLIVANTIA</b>				
RV	MOIST SHADED CLIFFS	FL: JUNE-JULY, FR: JULY-AUG.	E		S1	G4
<b>SYMPLOCARPUS FOETIDUS</b>		<b>SKUNK-CABBAGE</b>				
BR RV	SWAMPS AND BOGS	FL: FEB-MAR, FR: MAR-DEC	E		S1	G5
<b>SYMPLOCOS TINCTORIA</b>		<b>HORSE-SUGAR</b>				
WU BR CP	FLOODPLAINS AND MOIST RAVINES	FL: APR-MAY, FR: MAY-JUL	S		S2	G5
<b>SYNOSMA SUAVEOLENS</b>		<b>SWEET-SCENTED INDIAN-PLANTAIN</b>				
WR	ALLUVIAL WOODS, MOIST SLOPES	FL: AUG-OCT, FR: AUG-OCT	T		S2	G3
<b>TALINUM CALCARICUM</b>		<b>LIMESTONE FAME-FLOWER</b>				
CB ER	GLADES	FL: JUN-SEPT, FR: SEPT-OCT	S		S3	G3
<b>TALINUM MENGESII</b>		<b>MENGE'S FAME-FLOWER</b>				
CU	DRY ROCK LEDGES	FL: JUN-SEPT, FR: JUN-SEPT	T		S2	G3
<b>TALINUM TERETIFOLIUM</b>		<b>ROUNDLEAF FAMEFLOWER</b>				
CU	DRY SANDY ROCK OUTCROPS	FL: JUN-SEPT, FR: JUN-SEPT	T		S2	G4
<b>TAXUS CANADENSIS</b>		<b>AMERICAN YEW</b>				
CU	SANDSTONE OUTCROPS	FL: JUN-JUL, FR: AUG-NOV	E		S1	G5
<b>TETRAGONOTHECA HELIANTHOIDES</b>		<b>PINELAND SQUAREHEAD</b>				
BR RV	DRY OPEN WOODS	FL: APR-JUL, FR: JUN-SEP	E-P		SH	G5
<b>THALICTRUM CORIACEUM</b>		<b>LEATHERLEAF MEADOWRUE</b>				
BR RV CU	ALLUVIAL WOODS AND MOIST BLUFFS	FL: MAY-JUN, JUN-JUL	T		S1	G4
<b>THASPIUM PINNATIFIDUM</b>		<b>CUTLEAF MEADOW-PARSNIP</b>				
BR	CALCAREOUS FORESTS AND WOODLANDS	FL: MAY-JUNE, FR: JUNE-JULY	E		S1	G2G3



<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>THELYPTERIS PHEGOPTERIS</b>		<b>NORTHERN BEECHFERN</b>				
BR	MOUNTAIN BOGS AND ROCKY SEEPS	SPORULATION: JUN-AUG	S		S1	G5
<b>THELYPTERIS SIMULATA</b>		<b>BOG FERN</b>				
BR	ACIDIC MARSHES AND BOGS	SPORULATION: AUG	E-P		SU,SH	G4G5
<b>THERMOPSIS FRAXINIFOLIA</b>		<b>ASH-LEAVED BUSH-PEA</b>				
BR RV	ROADSIDES AND DRY OPEN WOODS	FL: MAY-JUL, FR: JUL-OCT	T		S3	G3?
<b>THUJA OCCIDENTALIS</b>		<b>NORTHERN WHITE CEDAR</b>				
RV ER CU BR	CALCAREOUS ROCKY SEEPS, CLIFFS	FL: SEPT-OCT, FR: SEPT-OCT	S		S3	G5
<b>TOFIELDIA RACEMOSA</b>		<b>COASTAL FALSE-ASPHODEL</b>				
ER	WET BARRENS	FL: JUN-AUG, FR: SEPT-OCT	E		S1	G5
<b>TORREYOCHLOA PALLIDA</b>		<b>PALE MANNA GRASS</b>				
ER WR	POND AND STREAM MARGINS	FL: MAY-JUN, FR: MAY-JUL	S		S1	G5?
<b>TRIADENUM FRASERI</b>		<b>MARSH ST. JOHN'S-WORT</b>				
BR	MOUNTAIN BOGS/WETLANDS	FL: JUL-AUG, FR: AUG-OCT	S		S1?	G4G5
<b>TRICHOMANES BOSCHIANUM</b>		<b>BRISTLE-FERN</b>				
BR CU CM ER	ROCKY SEEPS	SPORULATION: JUN-SEP	T		S1S2	G4
<b>TRICHOMANES PETERSII</b>		<b>DWARF FILMY-FERN</b>				
BR CU RV	ROCKY SEEPS	SPORULATION: JUN-AUG	T		S2	G4G5
<b>TRICHOPHORUM CESPITOSUM</b>		<b>TUFTED CLUB-RUSH</b>				
BR	MOUNTAIN BOGS	FL: JUL-SEP, FR: AUG-OCT	E		S1	G5
<b>TRIDENS FLAVUS VAR CHAPMANII</b>		<b>CHAPMAN'S REDTOP</b>				
WU	SANDY WOODS, ROADSIDE BARRENS	FL: AUG-OCT; FR: SEPT-NOV	S		S1?	G5T3T5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>TRIENTALIS BOREALIS</b>		<b>NORTHERN STARFLOWER</b>				
RV BR CM	MOUNTAIN HARDWOOD FORESTS	FL: MAY-JUN, FR: JUN-SEP	T		S1	G5
<b>TRIFOLIUM CALCARICUM</b>		<b>RUNNING GLADE CLOVER</b>				
CB	GLADES, CEDAR WOODS, AND THICKETS	FL: MAY-JUN, FR: JUN-JUL	E		S1	G1
<b>TRIFOLIUM REFLEXUM</b>		<b>BUFFALO CLOVER</b>				
BR CP CB WR	ROCKY OPEN WOODS	FL: APR-JUL, FR: JUL-SEPT.	E		S1	G5
<b>TRILLIUM DECUMBENS</b>		<b>TRAILING TRILLIUM</b>				
BR	FLOODPLAINS AND ROCKY, OPEN, MOUNTAIN WOODS	FL: APR-MAY, FR: MAY-JUL	E		S1	G4
<b>TRILLIUM LANCIFOLIUM</b>		<b>NARROW-LEAVED TRILLIUM</b>				
RV CU SV	ALLUVIAL WOODS AND MOIST RAVINES	FL: APR-MAY, FR: MAY-JUN	E		S1	G3
<b>TRILLIUM PUSILLUM</b>		<b>LEAST TRILLIUM</b>				
ER CU CB WR	ALLUVIAL/MOIST RAVINES AND DRY RIDGES	FL: MAR-APR, FR: APR-JUN	E		S2	G3
<b>TRILLIUM RUGELII</b>		<b>SOUTHERN NODDING TRILLIUM</b>				
BR RV	RICH MOUNTAIN WOODS	FL: APR-MAY, FR: MAY-JUL	E		S2	G3
<b>TSUGA CAROLINIANA</b>		<b>CAROLINA HEMLOCK</b>				
BR RV	DRY RIDGES	FL: APR-MAY, FR: AUG-OCT	T		S3	G3
<b>ULMUS CRASSIFOLIA</b>		<b>CEDAR ELM</b>				
MF CP	SWAMPS	FL: AUG, FR: SEPT	S		S2	G5
<b>UTRICULARIA CORNUTA</b>		<b>HORNED BLADDERWORT</b>				
ER	WET PRAIRIES, POND MARGINS	FL: JUN-SEPT, FR: JUN-SEPT	E		S1	G5
<b>UTRICULARIA INFLATA</b>		<b>INFLATED BLADDERWORT</b>				
CP CU	PONDS, LAKE MARGINS	FL: MAY-NOV, FR: MAY-NOV	S		S1	G5

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>UTRICULARIA RESUPINATA</b>		<b>RESUPINATE BLADDERWORT</b>				
CU	PONDS, LAKE MARGINS	FL: JUL-SEPT, FR: AUG-SEPT	S		S1	G4
<b>UTRICULARIA SUBULATA</b>		<b>ZIGZAG BLADDERWORT</b>				
CU ER	WET BARRENS, ECOTONES	FL: MAR-JUL, FR: MAR-JUL	T		S1	G5
<b>VACCINIUM ELLIOTTH</b>		<b>MAYBERRY</b>				
ER	OPEN FLAT WOODS AND DRY SLOPES	FL: MAR-APR, FR: MAY-JUN	E		S1	G5Q
<b>VACCINIUM MACROCARPON</b>		<b>CRANBERRY</b>				
BR CU ER	BOGS	FL: JUN-AUG, FR: AUG-FEB	T		S2	G4
<b>VERONICA AMERICANA</b>		<b>AMERICAN SPEEDWELL</b>				
BR	MARSHES AND BOGS	FL: MAY-JUN, FR: JUN-AUG	S		S1	G5
<b>VERONICA CATENATA</b>		<b>SESSILE WATER-SPEEDWELL</b>				
CB	SLOW FLOWING STREAMS AND DITCHES	FL: MAY-OCT, FR: MAY-OCT	E		S1	G5
<b>VERONICA SCUTELLATA</b>		<b>MARSH-SPEEDWELL</b>				
BR	MARSHES AND POND MARGINS	FL: MAY-AUG, FR: JUL-SEP	E		S1	G5
<b>VIBURNUM BRACTEATUM</b>		<b>LIMEROCK ARROWWOOD</b>				
CU ER	ROCKY RICH WOODS	FL: MAY-JUL, FR: JUN-SEPT	E		S1	G1
<b>VIBURNUM MOLLE</b>		<b>SOFTLEAF ARROW-WOOD</b>				
	ROCKY WOODS AND LIMESTONE BLUFFS	FL: MAY-JUN; FR: JUL-SEPT	E		S2	G5
<b>VIOLA TRIPARTITA VAR TRIPARTITA</b>		<b>THREE-PARTED VIOLET</b>				
RV CU SV	WOODED SLOPES	FL: MAY-JUN, FR: JUL-SEPT	S		S2S3	G5T3?
<b>VITIS RUPESTRIS</b>		<b>SAND GRAPE</b>				
CB WR RV	SANDY, ROCKY RIVERBANKS	FL: MAY-JUN, FR: JUL-AUG	E		S1	G3

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>PHEENOLOGY</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>WOODSIA SCOPULINA SSP APPALACHIANA</b>		<b>ALLEGHANY CLIFF-FERN</b>				
BR	MOUNTAIN CLIFFS	SPORULATION: JUN-SEP	S		S1S2	G5T4
<b>WOODWARDIA VIRGINICA</b>		<b>VIRGINIA CHAINFERN</b>				
CU ER BR	ACIDIC WETLANDS	SPORULATION: JUN-SEP	S		S2	G5
<b>XEROPHYLLUM ASPHODELOIDES</b>		<b>EASTERN TURKEYBEARD</b>				
BR	DRY OAK OR PINEY WOODS	FL: MAY-JUN, FR: JUN-AUG	T		S3	G4
<b>XYRIS AMBIGUA</b>		<b>COASTAL PLAIN YELLOW-EYED GRASS</b>				
ER CU	MARGINS OF PONDS, BOGS, AND DITCHES	FL: JUN-AUG, FR: AUG-OCT	E		S1	G5
<b>XYRIS FIMBRIATA</b>		<b>FRINGED YELLOW-EYED GRASS</b>				
ER	ACIDIC PONDS	FL: SEPT-OCT, FR: SEPT-OCT	E		S1	G5
<b>XYRIS LAXIFOLIA VAR IRIDIFOLIA</b>		<b>WIDE-LEAVED YELLOW-EYED GRASS</b>				
CU ER	POND MARGINS AND MARSHES	FL: JUN-AUG, FR: AUG-OCT	T		S2	G4G5T4T
<b>XYRIS TENNESSEENSIS</b>		<b>TENNESSEE YELLOW-EYED GRASS</b>				
WR	CALCAREOUS SEEPS	FL: AUG-SEPT, FR: SEPT-OCT	E	LE	S1	G2
<b>ZANTHOXYLUM AMERICANUM</b>		<b>NORTHERN PRICKLY-ASH</b>				
CB WR BR ER	CEDAR THICKETS	FL: MAR-APR, FR: JUL-AUG	S		S2	G5
<b>ZIGADENUS GLAUCUS</b>		<b>WHITE CAMAS</b>				
BR	WET SHALEY CLIFFS	FL: JUL-AUG, FR: AUG-SEP	E		S1	G4G5Q
<b>ZIGADENUS LEIMANTHOIDES</b>		<b>DEATH-CAMAS</b>				
CU ER HR	ACIDIC WETLANDS	FL: MAY-JUN, FR: JUN-JUL	T		S2	G4Q

Non-vascular Plants

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>ACROBOLBUS CILIATUS</b>		<b>A LIVERWORT</b>			
BR	SPRUCE-FIR FORESTS AND MOIST RAVINES ON ROCK	S		S1	G3?
<b>ANASTROPHYLLUM SAXICOLA</b>		<b>A LIVERWORT</b>			
BR	HIGH ELEV. ROCKY PEAT; HEATH & WET ROCKS	S		S1	G3G4
<b>ARCHIDIUM ALTERNIFOLIUM</b>					
RV	LIMESTONE BARRENS	T		S1	G4G5
<b>BAZZANIA NUDICAULIS</b>		<b>A LIVERWORT</b>			
BR	BARK OF MATURE FRASER FIR	T		S2	G2G3
<b>BRACHYDONTIUM TRICHODES</b>		<b>PEAK MOSS</b>			
BR	HIGH ELEV. SEEPS AND ROCKY AREAS	E		S1	G2G4
<b>BRYOXIPHUM NORVEGICUM</b>		<b>SWORD MOSS</b>			
CU CM	SANDSTONE ROCKHOUSES AND SHADED OUTCROPPINGS	T		S1	G5?
<b>CEPHALOZIELLA MASSALONGI</b>		<b>A LIVERWORT</b>			
BR	MONTAINE ROCK CREVICES HIGH IN COPPER OR SULPHUR	E		S1	G3G5
<b>CEPHALOZIELLA SPINICAULIS</b>					
BR	CREVICES OF ROCK OUTCROPS	S		S1	G3G4
<b>COLOLEJEUNEA ORNATA</b>		<b>ORNATE COLOLEJEUNEA</b>			
CB CU	SINKS & HIGH HUMIDITY AREAS ON LIMESTONE	T		S1	G2G4
<b>DREPANOLEJEUNEA APPALACHIANA</b>		<b>A LIVERWORT</b>			
CM	TREE BARK, 2000-4500 FT.	S		S1	G2?

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>ENTODON CONCINUS</b>					
BR	MOIST CALCAREOUS ROCKS	S		S1	G4G5
<b>FISSIDENS CLEBSCHII</b>					
WR	MESIC FOREST RIVER BLUFFS	S		SH	GHQ
<b>FRULLANIA OBCORDATA</b>					
ER	SWAMPS, ON TREE BARK	S		S1	G4G5
<b>FUNARIA AMERICANA</b>					
RV	LIMESTONE BLUFFS AND BARRENS	T		S1?	G2G3
<b>GRIMMIA OLNEYI</b>					
BR RV	HIGH ELEV. DRY ROCKS AND CLIFFS	S		S1	G3G5
<b>GYMNODERMA LINEARE</b>					
BR	MID TO HIGH ELEV. CLIFFS & ROCKY STREAMS		LE	S1	G2
<b>GYMNOMITRION LACERATUM</b>					
BR	PEATY SOIL OF SPRUCE-FIR FORESTS	T		S1	G3G5
<b>HOMALIADELPHUS SHARPII</b>					
RV BR	CALCAREOUS OR DOLOMITE BLUFFS	E		S1	G3?
<b>JUNGERMANNIA FOSSOMBRONIOIDES</b>					
CM BR	LOW ELEVATION ROCKY STREAMS	S		S1	G4
<b>JUNGERMANNIA PYRIFLORA</b>					
	MONTAINE ROCKY STREAMS	S		S1	G4
<b>LEJEUNEA BLOMQUISTII</b>					
CM CU BR	MID ELEV. GORGES ON ROCK OR BARK	S		S1S2	G1G2
<b>LEJEUNEA CARDOTI</b>					
CU	CREEKSIDE EDGE OF ROCKHOUSE	S		S1	G3?

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>LEJEUNEA SHARPII</b>					
CB ER CU BR	CALCAREOUS BLUFFS, ROCK & LOGS OF WET SINKS	E		S1S2	G1G2
<b>LEPTODONTIUM EXCELSUM</b>					
BR	BARK OF OLD GROWTH FRASER FIR	E		S1S2	G2
<b>LEPTOHYMENIUM SHARPII</b>					
BR	OLD GROWTH FRASER FIR FORESTS, ON ROCKS	E		S1	G1
<b>LEPTOSCYPHUS CUNEIFOLIUS</b>					
BR	BARK OF MATURE FRASER FIR	E		S1	G4G5
<b>LOPHOCOLEA APPALACHIANA</b>					
BR	SPRAY CLIFFS	S		S1	G1G2Q
<b>LOPHOCOLEA MURICATA</b>					
	ROCKY STREAM MARGINS	T		S1	G5
<b>MANNIA TRIANDRA</b>					
	SHADED LIMESTONE CLIFFS, LEDGES AND TALUS	T		S1	G3G4
<b>MARSUPELLA FUNCKII</b>					
BR	THIN SOIL, EDGE OF HIGH ELEV. OUTCROPS	E		S1	G4G5
<b>MEGACEROS AENIGMATICUS</b>					
BR	MID-ELEV. STREAMS ON WET SHADED ROCKS	S		S2S3	G2G3
<b>METZGERIA UNCIGERA</b>					
CM CU	BARK OF AMERICAN HOLLY	S		S1	G3
<b>MIELICHHOFERIA ELONGATA</b>					
BR	WOODS ABOVE 5000'	S		S1	G4?Q

<u>PHYSIOGRAPHIC PROVINCES</u>	<u>HABITAT</u>	<u>STATE STATUS</u>	<u>FEDERAL STATUS</u>	<u>STATE RANK</u>	<u>GLOBAL RANK</u>
<b>MNIUM CAROLINIANUM</b>					
BR	ROCKS & STREAMBANKS IN HUMID GORGES	S		S1	G3
<b>MYURELLA JULACEA</b>					
RV	SHALE BLUFFS	S-P		SH	G5
<b>ORTHODONTIUM PELLUCENS</b>					
BR	SOIL PEAT OR ROCK OF HEATH BALDS	S		S1	G4
<b>PALAMOCLADIUM LESKEOIDES</b>					
ER RV CU	SEEPY LIMESTONE CLIFFS AND BLUFFS	T		S1	G3G5
<b>PEDINOPHYLLUM INTERRUPTUM</b>					
	NEAR CAVE OPENING	S		S1	G3G4
<b>PELLIA APPALACHIANA</b>					
ER	WET SOIL, BARRENS	S		S2	G1?
<b>PLAGIOCHILA CORNICULATA</b>					
BR	BARK OF MATURE FRASER FIR AND MOUNTAIN ASH	S		S1S2	G4?
<b>PLAGIOCHILA SHARPII</b>					
BR	SHADED MOIST LEDGES AND BLUFFS	S		S1	G2G3
<b>PLAGIOCHILA SP.1</b>					
	SANDSTONE BLUFFS AND CLIFFS	S		S1	G?
<b>PORELLA SP 1</b>					
BR	WET CALCAREOUS ROCK	E		S1	G1
<b>PORELLA WATAUGENSIS</b>					
BR	MOIST BOULDERS & CLIFFS, PHYLLITE	T		S1S2	G1G2Q
<b>PREISSIA QUADRATA</b>					
RV	SEEPY LIMESTONE CLIFFS AND BLUFFS	T		S1	G5



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<b>RADULA VOLUTA</b>					
ER RV BR CU	SHADY MOIST BOULDERS BY WATERFALLS OR SREAMS	S		S2	G3
<b>RHACHITHECIUM PERPUSILLUM</b>					
RV	BARK OF HARDWOODS	S		S1	G4G5
<b>SCOPELOPHILA CATARACTAE</b>					
CU	ROCK HOUSES, COPPER-RICH SOILS	S		S1	G3
<b>SPHENOLOBOPSIS PEARSONI</b>					
BR	MAINLY BARK OF MATURE FRASER FIR	E		S1	G2?
<b>TETRODONTIUM BROWNIANUM</b>					
BR	MONTAINE ROCKY SEEPS AND FALLS	S		S1	G3G4
<b>TORTULA AMMONSIANA</b>					
BR	SE TO WEST FACING SEEPY, SILICEOUS ROCK	E		S1	G1
<b>TORTULA FRAGILIS</b>					
CB	STEEP CALCAREOUS BLUFFS	E		S1	G5