

Natural Heritage Program  
List of Rare Plant Species  
of North Carolina

2022

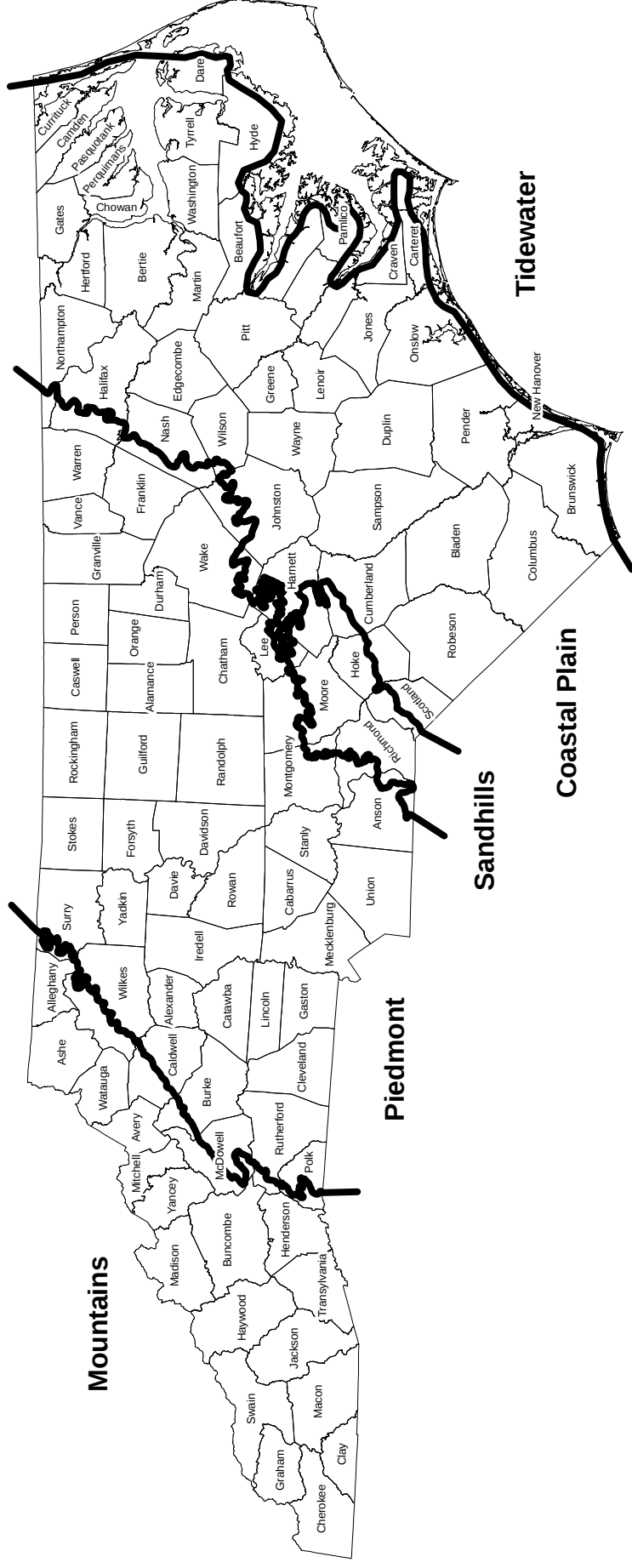


Mountain Camellia (*Stewartia ovata*)  
Photo by Joe Mickey

Compiled by  
Brenda Wichmann, Botanist  
and Meredith Wojcik, Data Manager

North Carolina Natural Heritage Program  
N.C. Department of Natural and Cultural Resources

[www.ncnhp.org](http://www.ncnhp.org)



THE COUNTIES AND PHYSIOGRAPHIC PROVINCES OF NORTH CAROLINA

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This list is dynamic and is revised as new data become available. New species are added to the list, and others are dropped from the list as appropriate. The list is generally published every two years. Further information may be obtained by contacting the North Carolina Natural Heritage Program, Department of Natural and Cultural Resources, 1651 MSC, Raleigh, NC 27699-1651 and the North Carolina Wildlife Resources Commission, 1701 MSC, Raleigh, NC 27699-1701. Additional information on rare species, as well as a digital version of this list, can be obtained from the Natural Heritage Program's website at [www.ncnhp.org](http://www.ncnhp.org).

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## NCNHP RARE PLANT LIST INTRODUCTION

The **Natural Heritage Program List of Rare Plant Species of North Carolina** contains information about plants species that have a state or federal legal status or are considered rare or uncommon in the state by the North Carolina Natural Heritage Program (NCNHP). This information helps NCNHP identify and evaluate areas of natural significance and helps us prioritize sites for land conservation. It is also helpful in determining priorities for natural resource inventory and assisting in environmental assessment and land management.

The North Carolina Natural Heritage Program is authorized under the Nature Preserves Act (G.S. 143B-135.250 - 143B-135.272) to compile and maintain data and information relevant to the protection of North Carolina's most important natural areas. The Program takes the lead role in the inventory and assessment of the state's natural diversity and the identification of important natural areas and rare species habitats. This information is used along with input from federal and state agencies to compile the **Natural Heritage Program List of Rare Plant Species of North Carolina**.

NCNHP thanks the many individuals who have contributed to the list over time. Please view the acknowledgements page and read below to learn how you may contribute data.

### List Format

The **Natural Heritage Program List of Rare Plant Species of North Carolina** is available in both document and spreadsheet formats. The document lists species organized by five major taxonomic groups: Vascular Plant, Moss, Liverwort, Hornwort, and Lichen. Within a given group, species are listed alphabetically by scientific name. A common name is provided as well as the status and rank for each taxon. The supplementary spreadsheet allows for sorting and filtering and provides additional information on the geographical distribution and habitat for each taxon. To learn more about the information provided in the list please review the Explanation of Information document for details.

### NC Natural Heritage Inventory

The Program maintains and continues to build the Natural Heritage inventory for the state of North Carolina. This inventory is the single most comprehensive compilation of records documenting the location and ecological status of rare plant species in the state. Staff ecologists, botanists, and zoologists, and cooperating agencies conduct the ongoing research and field surveys to generate information for the inventory. Data and information are also supplied by an extensive network of botanical professionals and volunteer citizen scientists. We derive records from historical reports, herbarium specimens, agency records, iNaturalist, in addition to precise reports and maps of field observations.

## Tracking

The rare plants in North Carolina are monitored (or tracked) in the Natural Heritage database. The Program tracks approximately 950 plants including vascular plants, bryophytes (mosses, liverworts, hornworts), and lichenized fungi. For all tracked species, we conduct conservation status assessments following NatureServe methodology, and map standardized occurrences in the NatureServe Biotics data management system, which includes maps and tabular data.

## Status and Rank

The North Carolina Natural Heritage Program (NCNHP) maintains information on the legal status (federal and/or state) for all rare plants in North Carolina. A state rank is also determined and maintained for all plants known to occur in the state.

Many species that lack formal federal or state legal protection are nonetheless rare or uncommon in North Carolina. To convey information about the rarity of these plants within the state, NCNHP provides status designations that fall into two categories: Significantly Rare (SR) or Watch List (W). The North Carolina Status codes and definitions are provided in the Status and Rank Definitions for Plants document. The Program collects data on these species in addition to those with a legal protection status.

## Number of Plant Taxa in North Carolina By Status

The table below indicates the number of taxa tracked in each taxonomic group and status category. Because some taxa have both a North Carolina (NC) and a United States (US) status, totals cannot be added across complete rows. The total number of taxa in North Carolina is an estimate of the taxa that currently or historically occurred in the state.

| Group      | Approximate<br>Number in NC | NC-<br>E | NC-<br>T | NC-<br>SC | SR  | US-<br>E | US-<br>T | US-<br>C | W1  | W7  |
|------------|-----------------------------|----------|----------|-----------|-----|----------|----------|----------|-----|-----|
| Vascular   |                             |          |          |           |     |          |          |          |     |     |
| Plants     | 4,400                       | 173      | 159      | 118       | 285 | 16       | 11       | 1        | 159 | 167 |
| Mosses     | 247                         | 0        | 1        | 1         | 119 | 0        | 0        | 0        | 8   | 63  |
| Liverworts | 89                          | 0        | 0        | 3         | 54  | 0        | 0        | 0        | 5   | 17  |
| Hornworts  | 4                           | 0        | 0        | 0         | 1   | 0        | 0        | 0        | 1   | 1   |
| Lichens    | 1,501                       | 1        | 0        | 2         | 31  | 1        | 0        | 0        | 3   | 21  |
| Total      | 6,241                       | 174      | 160      | 124       | 490 | 17       | 11       | 1        | 176 | 269 |

## **Contribute Data**

NCNHP requests locality and population information for the species listed in the North Carolina Natural Heritage Program List of Rare Plant Species of North Carolina as well as those species designated as Watch List. If you would like to provide observations, data and information please complete a NCNHP Plant Survey Form. You may also contribute data via iNaturalist. Please visit the NCNHP profile on iNaturalist and read the journal posts to learn more about how to join the project.

12/5/2022

NCNHP 2022 Rare Plant List

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| SCIENTIFIC NAME                                    | COMMON NAME               | STATE<br>STATUS | FEDERAL<br>STATUS | STATE<br>RANK | GLOBAL<br>RANK |
|----------------------------------------------------|---------------------------|-----------------|-------------------|---------------|----------------|
| <b>Vascular Plants</b>                             |                           |                 |                   |               |                |
| <i>Acer nigrum</i>                                 | Black Maple               | SR-P            |                   | S1S2          | G5             |
| <i>Acmella repens</i>                              | Creeping Spotflower       | SR-D            |                   | S1            | G5T5           |
| <i>Acmispon helleri</i>                            | Carolina Birdfoot-trefoil | T               |                   | S3            | G5T3           |
| <i>Aconitum reclinatum</i>                         | Trailing Wolfsbane        | SR-T            |                   | S3            | G3G4           |
| <i>Adiantum capillus-veneris</i>                   | Venus Hair Fern           | T               |                   | S1            | G5             |
| <i>Adlumia fungosa</i>                             | Climbing Fumitory         | SC-V            |                   | S2            | G4             |
| <i>Aeschynomene virginica</i>                      | Sensitive Jointvetch      | T               | T                 | SH            | G2             |
| <i>Agalinis aphylla</i>                            | Scale-leaf Gerardia       | W1              |                   | S3            | G3G4           |
| <i>Agalinis decemloba</i>                          | Piedmont Gerardia         | W1              |                   | S3            | G3G4           |
| <i>Agalinis linifolia</i>                          | Flaxleaf Gerardia         | W1              |                   | S3            | G4?            |
| <i>Agalinis obtusifolia</i>                        | Blunt-leaf False-foxglove | W1              |                   | S3            | G4             |
| <i>Agalinis virgata</i>                            | Branched Gerardia         | T               |                   | S2            | G3G4Q          |
| <i>Agastache nepetoides</i>                        | Yellow Giant-hyssop       | SR-P            |                   | S1            | G5             |
| <i>Agave virginica</i>                             | Eastern Agave             | W1              |                   | S3            | G5             |
| <i>Agrostis altissima</i>                          | Tall Bentgrass            | SR-T            |                   | S2            | G4             |
| <i>Agrostis mertensii</i>                          | Arctic Bentgrass          | E               |                   | S1            | G5             |
| <i>Aletris lutea</i>                               | Yellow Colic-root         | T               |                   | S1            | G4G5           |
| <i>Allium allegheniense</i>                        | Allegheny Onion           | SC-V            |                   | S1            | G3?            |
| <i>Allium keeverae</i>                             | Keever's Onion            | SC-V            |                   | S2            | G2             |
| <i>Allium</i> sp. 1                                | Savanna Onion             | SR-L            |                   | S1S2          | G1G2           |
| <i>Alnus crispa</i>                                | Green Alder               | SC-V            |                   | S1            | G5T5           |
| <i>Amaranthus pumilus</i>                          | Seabeach Amaranth         | T               | T                 | S1            | G2             |
| <i>Amelanchier sanguinea</i>                       | Roundleaf Serviceberry    | W1              |                   | S3            | G5             |
| <i>Amorpha confusa</i>                             | Savanna Indigo-bush       | T               |                   | S3            | G3T3           |
| <i>Amorpha georgiana</i>                           | Georgia Indigo-bush       | E               |                   | S2            | G3T2           |
| <i>Amorpha schwerinii</i>                          | Piedmont Indigo-bush      | W1              |                   | S3            | G3G4           |
| <i>Ampelopsis cordata</i>                          | Heartleaf Peppervine      | W7              |                   | S2            | G5             |
| <i>Amphicarpum amphicarpon</i>                     | Pinebarrens Goober Grass  | W1              |                   | S3            | G4             |
| <i>Amphicarpum muehlenbergianum</i>                | Florida Goober Grass      | E               |                   | S1            | G4             |
| <i>Andropogon capillipes</i>                       | Dryland White Bluestem    | W7              |                   | S2S4          | G5T4T5         |
| <i>Andropogon dealbatus</i>                        | Wetland White Bluestem    | W7              |                   | S2S4          | GNR            |
| <i>Andropogon mohrii</i>                           | Bog Bluestem              | SR-O            |                   | S2            | G4?            |
| <i>Andropogon perangustatus</i>                    | Narrowleaf Bluestem       | W1              |                   | S2S3          | G5T4           |
| <i>Andropogon tracyi</i>                           | Tracy's Bluestem          | W7              |                   | S2            | G4?            |
| <i>Andropogon virginicus</i> var. <i>decipiens</i> | Deceptive Bluestem        | W7              |                   | S1S2          | G5T4           |
| <i>Anemone berlandieri</i>                         | Southern Anemone          | E               |                   | S1S2          | G4G5           |
| <i>Anemone caroliniana</i>                         | Prairie Anemone           | E               |                   | S1            | G5             |
| <i>Anemone minima</i>                              | Dwarf Thimble-weed        | W7              |                   | S1?           | G5T3           |
| <i>Antennaria howellii</i> ssp. <i>petaloidea</i>  | Field Pussytoes           | W7              |                   | S1?           | G5T4T5         |
| <i>Anthenantia rufa</i>                            | Purple Silkyscale         | W1              |                   | S2            | G5             |
| <i>Anticlea glauca</i>                             | White Camas               | SR-P            |                   | S1            | G5T4T5         |
| <i>Arabidopsis lyrata</i> ssp. <i>lyrata</i>       | Lyre-leaf Rockcress       | W1              |                   | S2            | G5T5           |
| <i>Arabis adpressipilis</i>                        | Hairy Rockcress           | E               |                   | S1            | G5T4           |
| <i>Arabis patens</i>                               | Spreading Rockcress       | SR-T            |                   | S1            | G3             |

| SCIENTIFIC NAME                                        | COMMON NAME                 | STATE STATUS | FEDERAL STATUS | STATE RANK | GLOBAL RANK |
|--------------------------------------------------------|-----------------------------|--------------|----------------|------------|-------------|
| <b>Vascular Plants</b>                                 |                             |              |                |            |             |
| <i>Arenaria lanuginosa</i> var. <i>lanuginosa</i>      | Spreading Sandwort          | SR-P         |                | S1         | G5T5        |
| <i>Arethusa bulbosa</i>                                | Bog Rose                    | E            |                | S1         | G5          |
| <i>Arisaema stewardsonii</i>                           | Bog Jack-in-the-pulpit      | W1           |                | S3         | G5T5        |
| <i>Aristida condensata</i>                             | Big Three-awn Grass         | T            |                | S2         | G4          |
| <i>Aristida simpliciflora</i>                          | Chapman's Three-awn         | E            |                | S1S2       | G3G4        |
| <i>Aristida tenuispica</i>                             | Hillsboro Three-awn Grass   | SR-P         |                | S1         | G5T5        |
| <i>Arnoglossum ovatum</i> var. <i>lanceolatum</i>      | Savanna Indian-plantain     | E            |                | S2         | G4G5TNR     |
| <i>Aronia prunifolia</i>                               | Purple Chokeberry           | W1           |                | S2         | GNA         |
| <i>Asclepias longifolia</i>                            | Longleaf Milkweed           | W1           |                | S2S3       | G4G5        |
| <i>Asclepias michauxii</i>                             | Michaux's Milkweed          | SR-D         |                | SH         | G4G5        |
| <i>Asclepias pedicellata</i>                           | Savanna Milkweed            | SC-V         |                | S3         | G4          |
| <i>Asclepias purpurascens</i>                          | Purple Milkweed             | SR-T         |                | S1?        | G5?         |
| <i>Asclepias tomentosa</i>                             | Sandhills Milkweed          | W1           |                | S3         | G4          |
| <i>Asemeia grandiflora</i>                             | Showy Milkwort              | SR-P         |                | S2         | G5?         |
| <i>Asplenium bradleyi</i>                              | Bradley's Spleenwort        | SR-P         |                | S2         | G4          |
| <i>Asplenium heteroresiliens</i>                       | Carolina Spleenwort         | E            |                | S2         | G2          |
| <i>Asplenium monanthes</i>                             | Single-sorus Spleenwort     | E            |                | S1         | G4          |
| <i>Asplenium pinnatifidum</i>                          | Lobed Spleenwort            | SR-P         |                | S2         | G4          |
| <i>Asplenium resiliens</i>                             | Blackstem Spleenwort        | W1           |                | S2         | G5          |
| <i>Asplenium ruta-muraria</i> var. <i>cryptolepis</i>  | American Wall-rue           | SC-V         |                | S1         | G5T5        |
| <i>Astragalus michauxii</i>                            | Sandhills Milk-vetch        | SC-V         |                | S3         | G3          |
| <i>Athyrium angustum</i>                               | Northern Lady Fern          | SR-P         |                | S1         | G5T5        |
| <i>Baccharis angustifolia</i>                          | Saltwater False-willow      | W1           |                | S2         | G4          |
| <i>Baccharis glomeruliflora</i>                        | Silverling                  | E            |                | S1         | G4          |
| <i>Bacopa caroliniana</i>                              | Blue Water-hyssop           | T            |                | S1         | G4G5        |
| <i>Bacopa innominata</i>                               | Tropical Water-hyssop       | SC-H         |                | SH         | G3G5        |
| <i>Bacopa rotundifolia</i>                             | Round-leaf Water-hyssop     | SR-D         |                | SH         | G5          |
| <i>Balduina atropurpurea</i>                           | Purple Honeycomb-head       | E            |                | SH         | G2          |
| <i>Baptisia aberrans</i>                               | Prairie Blue Wild Indigo    | E            |                | S2         | G5T2        |
| <i>Baptisia alba</i>                                   | Thick-pod White Wild Indigo | T            |                | S2         | G5          |
| <i>Baptisia albescens</i>                              | Thin-pod White Wild Indigo  | W1           |                | S3         | G4          |
| <i>Baptisia bracteata</i>                              | Creamy Wild Indigo          | SC-H         |                | SH         | G4G5T4?     |
| <i>Bartonia paniculata</i> ssp. <i>paniculata</i>      | Twining Screwstem           | W1           |                | S2S3       | G5T5        |
| <i>Bartonia verna</i>                                  | White Screwstem             | W1           |                | S2         | G5?         |
| <i>Berberis canadensis</i>                             | American Barberry           | SC-V         |                | S2         | G3G4        |
| <i>Betula cordifolia</i>                               | Mountain Paper Birch        | SC-V         |                | S1         | G5T5        |
| <i>Bidens mitis</i>                                    | Coastal Plain Tickseed      | W7           |                | S2?        | G4?         |
| <i>Bidens trichosperma</i>                             | Crowned Beggar-ticks        | SR-P         |                | S1         | G5?         |
| <i>Boechera burkii</i>                                 | Burk's Smooth Rockcress     | SR-P         |                | SH         | G3G5        |
| <i>Bolboschoenus novae-angliae</i>                     | New England Bulrush         | SR-P         |                | SH         | G3          |
| <i>Boltonia asteroides</i> var. <i>glastifolia</i>     | White Doll's-daisy          | SR-O         |                | S2         | G5TNR       |
| <i>Borodinia missouriensis</i>                         | Missouri Rockcress          | SR-D         |                | S1S2       | G5          |
| <i>Botrychium angustisegmentum</i>                     | Lance-leaf Moonwort         | SR-P         |                | S1         | G5T4        |
| <i>Botrychium matricariifolium</i>                     | Daisy-leaf Moonwort         | SR-P         |                | S1         | G5          |
| <i>Botrychium simplex</i> var. <i>simplex</i>          | Least Moonwort              | SR-P         |                | S2         | G5T3T4      |
| <i>Bouteloua curtipendula</i> var. <i>curtipendula</i> | Sideoats Grama              | T            |                | S1         | G5T5        |
| <i>Boykinia aconitifolia</i>                           | Brook Saxifrage             | W1           |                | S3         | G4          |
| <i>Brachyelytrum aristosum</i>                         | Northern Shorthusk          | W1           |                | S3         | G5          |
| <i>Bromus ciliatus</i>                                 | Fringed Brome               | SC-V         |                | S1         | G5          |
| <i>Bromus latiglumis</i>                               | Riverbank Brome             | SR-P         |                | S1         | G5          |
| <i>Bromus nottowanus</i>                               | Nottoway Valley Brome       | W7           |                | S1?        | G4G5        |
| <i>Buchnera americana</i>                              | American Bluehearts         | E            |                | S1         | GNR         |

| SCIENTIFIC NAME                                        | COMMON NAME                           | STATE<br>STATUS | FEDERAL<br>STATUS | STATE<br>RANK | GLOBAL<br>RANK |
|--------------------------------------------------------|---------------------------------------|-----------------|-------------------|---------------|----------------|
| <b>Vascular Plants</b>                                 |                                       |                 |                   |               |                |
| <i>Buckleya distichophylla</i>                         | Piratebush                            | T               |                   | S2            | G3             |
| <i>Bulbostylis warei</i>                               | Ware's Hairsedge                      | SC-H            |                   | SH            | G3G4           |
| <i>Burmanna biflora</i>                                | Northern Bluethreads                  | W1              |                   | S2S3          | G4G5           |
| <i>Calamagrostis cainii</i>                            | Cain's Reedgrass                      | E               |                   | S1            | G1             |
| <i>Calamagrostis canadensis</i> var. <i>canadensis</i> | Canada Reed Grass                     | SC-V            |                   | S1            | G5T5           |
| <i>Calamagrostis porteri</i>                           | Porter's Reed Grass                   | SR-P            |                   | S2            | G4             |
| <i>Calamovilfa brevipilis</i>                          | Pinebarren Sandreed                   | W1              |                   | S3            | G4             |
| <i>Callitriche terrestris</i>                          | Terrestrial Water-starwort            | SR-O            |                   | S2?           | G5             |
| <i>Calopogon multiflorus</i>                           | Many-flower Grass-pink                | E               |                   | S1            | G2G3           |
| <i>Caltha palustris</i> var. <i>palustris</i>          | Marsh-marigold                        | E               |                   | S1            | G5T5           |
| <i>Camassia scilloides</i>                             | Wild Hyacinth                         | T               |                   | S1            | G5             |
| <i>Campanula rotundifolia</i>                          | Bluebells                             | E               |                   | S1            | G5             |
| <i>Cardamine clematidis</i>                            | Mountain Bittercress                  | SR-T            |                   | S2S3          | G3             |
| <i>Cardamine dissecta</i>                              | Dissected Toothwort                   | SC-V            |                   | S2            | G4?            |
| <i>Cardamine douglassii</i>                            | Douglass's Bittercress                | SR-P            |                   | S2            | G5             |
| <i>Cardamine flagellifera</i> var. <i>flagellifera</i> | Large-flowered Blue Ridge Bittercress | W7              |                   | S1S3          | G3TNR          |
| <i>Cardamine flagellifera</i> var. <i>hugeri</i>       | Small-Flowered Blue Ridge Bittercress | W7              |                   | S1S3          | G3TNR          |
| <i>Cardamine longii</i>                                | Long's Bittercress                    | SC-V            |                   | S2            | G3?            |
| <i>Cardamine micranthera</i>                           | Small-anthered Bittercress            | E               | E                 | S1            | G2             |
| <i>Cardamine rotundifolia</i>                          | Mountain Watercress                   | SR-P            |                   | S2            | G4             |
| <i>Carex albursina</i>                                 | White Bear Sedge                      | W7              |                   | S2            | G5             |
| <i>Carex aquatilis</i> var. <i>substricta</i>          | Aquatic Sedge                         | SR-P            |                   | S1            | G5TNR          |
| <i>Carex arctata</i>                                   | Black Sedge                           | SC-V            |                   | S1            | G5             |
| <i>Carex argyrantha</i>                                | Hay Sedge                             | E               |                   | S1            | G5             |
| <i>Carex austrodeflexa</i>                             | Canebrake Sedge                       | SR-L            |                   | S3            | G3G4           |
| <i>Carex baileyi</i>                                   | Bailey's Sedge                        | SR-P            |                   | S2            | G4             |
| <i>Carex barrattii</i>                                 | Barratt's Sedge                       | SC-H            |                   | S1            | G4             |
| <i>Carex basiantha</i>                                 | Widow Sedge                           | E               |                   | S1            | G5             |
| <i>Carex biltmoreana</i>                               | Biltmore Sedge                        | W1              |                   | S3            | G3             |
| <i>Carex bromoides</i> ssp. <i>montana</i>             | Blue Ridge Brome Sedge                | W7              |                   | S2S3          | G5T3?          |
| <i>Carex bushii</i>                                    | Bush's Sedge                          | SR-P            |                   | S1            | G4             |
| <i>Carex buxbaumii</i>                                 | Brown Bog Sedge                       | SC-V            |                   | S2            | G5             |
| <i>Carex calcifugens</i>                               | Calcium-fleeing Sedge                 | SC-V            |                   | S2?           | G3             |
| <i>Carex careyana</i>                                  | Carey's Sedge                         | T               |                   | S1            | G4G5           |
| <i>Carex chapmanii</i>                                 | Chapman's Sedge                       | W1              |                   | S3            | G3             |
| <i>Carex cherokeensis</i>                              | Cherokee Sedge                        | T               |                   | S1            | G4G5           |
| <i>Carex collinsii</i>                                 | Collins's Sedge                       | W1              |                   | S3            | G4             |
| <i>Carex conoidea</i>                                  | Cone-shaped Sedge                     | T               |                   | S1            | G5             |
| <i>Carex cristatella</i>                               | Small-crested Sedge                   | SC-V            |                   | S1            | G5             |
| <i>Carex crus-corvi</i>                                | Crowfoot Sedge                        | SR-P            |                   | S1            | G5             |
| <i>Carex decomposita</i>                               | Cypress Knee Sedge                    | SR-O            |                   | S2            | G3G4           |
| <i>Carex disjuncta</i>                                 | Silvery Sedge                         | SR-P            |                   | S2            | G5T5           |
| <i>Carex eburnea</i>                                   | Bristle-leaf Sedge                    | T               |                   | S1            | G5             |
| <i>Carex echinata</i> ssp. <i>echinata</i>             | Star Sedge                            | W1              |                   | S2S3          | G5T5           |
| <i>Carex emmonsii</i>                                  | Emmons's Sedge                        | SR-O            |                   | S2            | G5T5           |
| <i>Carex exilis</i>                                    | Coastal Sedge                         | E               |                   | S2            | G5             |
| <i>Carex fraseriana</i>                                | Fraser's Sedge                        | W1              |                   | S3            | G4             |
| <i>Carex fumosimontana</i>                             | Smoky Mountain Sedge                  | SR-T            |                   | S1            | G2             |
| <i>Carex gholsonii</i>                                 | Gholson's Sedge                       | W7              |                   | S1S2          | G4G5           |
| <i>Carex godfreyi</i>                                  | Godfrey's Sedge                       | SR-P            |                   | S1            | G3G4           |
| <i>Carex granularis</i>                                | Limestone Meadow Sedge                | W7              |                   | S1?           | G5             |
| <i>Carex hitchcockiana</i>                             | Hitchcock's Sedge                     | SR-P            |                   | S1            | G5             |

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| <b>Vascular Plants</b>                                 |                        |              |                |            |             |
| <i>Carex hormathodes</i>                               | A Sedge                | T            |                | S1         | G4G5        |
| <i>Carex hyalinolepis</i>                              | Shoreline Sedge        | W1           |                | S2         | G4G5        |
| <i>Carex impressinervia</i>                            | Ravine Sedge           | SC-V         |                | S2         | G2          |
| <i>Carex jamesii</i>                                   | James's Sedge          | SC-V         |                | S2         | G5          |
| <i>Carex lasiocarpa</i> var. <i>americana</i>          | Slender Sedge          | SC-V         |                | S1         | G5T5        |
| <i>Carex leavenworthii</i>                             | Leavenworth's Sedge    | W7           |                | S1?        | G5          |
| <i>Carex leptoneura</i>                                | A Wood Sedge           | W1           |                | S3         | G5          |
| <i>Carex lupuliformis</i>                              | False Hop Sedge        | SR-P         |                | S1         | G4          |
| <i>Carex lutea</i>                                     | Golden Sedge           | E            | E              | S2         | G2          |
| <i>Carex manhartii</i>                                 | Manhart's Sedge        | W1           |                | S3         | G3G4        |
| <i>Carex meadii</i>                                    | Mead's Sedge           | E            |                | S1         | G4G5        |
| <i>Carex misera</i>                                    | Wretched Sedge         | W1           |                | S3         | G3          |
| <i>Carex mitchelliana</i>                              | Mitchell's Sedge       | W1           |                | S2         | G4          |
| <i>Carex molestiformis</i>                             | Ozark Plateau Sedge    | SR-D         |                | S1         | G4          |
| <i>Carex oligocarpa</i>                                | Rich-woods Sedge       | T            |                | S1         | G4G5        |
| <i>Carex oligosperma</i>                               | Few-seeded Sedge       | E            |                | S1         | G5          |
| <i>Carex pedunculata</i> var. <i>pedunculata</i>       | Longstalk Sedge        | SC-V         |                | S2         | G5TNR       |
| <i>Carex pellita</i>                                   | Woolly Sedge           | SR-P         |                | S1         | G5          |
| <i>Carex projecta</i>                                  | Necklace Sedge         | SR-P         |                | S1         | G5          |
| <i>Carex purpurifera</i>                               | Purple Sedge           | SR-P         |                | S3         | G4?         |
| <i>Carex radfordii</i>                                 | Radford's Sedge        | T            |                | S1         | G3          |
| <i>Carex reniformis</i>                                | Kidney Sedge           | T            |                | S1         | G4?         |
| <i>Carex roanensis</i>                                 | Roan Sedge             | SR-T         |                | S2         | G3          |
| <i>Carex ruthii</i>                                    | Ruth's Sedge           | W1           |                | S3         | G3G4        |
| <i>Carex socialis</i>                                  | Social Sedge           | SR-P         |                | S1         | G4          |
| <i>Carex</i> sp. 3                                     | Fen Sedge              | SR-T         |                | S1         | G1          |
| <i>Carex</i> sp. 4                                     | a sedge                | W7           |                | S1         | G1          |
| <i>Carex sparganioides</i>                             | Bur-reed Sedge         | W7           |                | S2?        | G5          |
| <i>Carex superata</i>                                  | Limestone Forest Sedge | T            |                | S1?        | G4?         |
| <i>Carex tenax</i>                                     | Wire Sedge             | E            |                | S1         | G4          |
| <i>Carex tenera</i>                                    | Quill Sedge            | W7           |                | S1?        | G5T5        |
| <i>Carex trichocarpa</i>                               | Hairy-fruited Sedge    | SC-V         |                | S1         | G4          |
| <i>Carex trisperma</i>                                 | Three-seeded Sedge     | E            |                | S1         | G5          |
| <i>Carex turgescens</i>                                | Pinebarren Sedge       | W1           |                | S3         | G4G5        |
| <i>Carex utriculata</i>                                | Beaked Sedge           | E            |                | S1         | G5          |
| <i>Carex verrucosa</i>                                 | Warty Sedge            | SR-P         |                | S2         | G4          |
| <i>Carex vesicaria</i>                                 | Inflated Sedge         | E            |                | S1         | G5          |
| <i>Carex vestita</i>                                   | Velvet Sedge           | T            |                | S1         | G5          |
| <i>Carex woodii</i>                                    | Wood's Sedge           | W1           |                | S3         | G4          |
| <i>Carya laciniosa</i>                                 | Big Shellbark Hickory  | T            |                | S1         | G5          |
| <i>Carya myristiciformis</i>                           | Nutmeg Hickory         | E            |                | S1         | G4          |
| <i>Caulophyllum thalictroides</i>                      | Northern Blue Cohosh   | SC-V         |                | S1         | G4G5        |
| <i>Cayaponia quinqueloba</i>                           | Five-lobed-cucumber    | SR-P         |                | SH         | G4          |
| <i>Celastrus scandens</i>                              | American Bittersweet   | E            |                | S2?        | G5          |
| <i>Celtis occidentalis</i>                             | Mountain Hackberry     | W7           |                | S2         | G5          |
| <i>Cerastium nutans</i>                                | Nodding Chickweed      | W7           |                | S3?        | G5          |
| <i>Ceratophyllum australe</i>                          | Southern Hornwort      | SR-P         |                | S1         | G5TNR       |
| <i>Ceratophyllum echinatum</i>                         | Prickly Hornwort       | W7           |                | S2         | G4          |
| <i>Chamerion angustifolium</i> ssp. <i>circumvagum</i> | Fireweed               | E            |                | S1         | G5T5        |
| <i>Chasmanthium nitidum</i>                            | A Spanglegrass         | T            |                | S1         | G3G4        |
| <i>Chelone cuthbertii</i>                              | Cuthbert's Turtlehead  | SC-V         |                | S3         | G3          |
| <i>Chelone obliqua</i> var. <i>erwiniae</i>            | Erwin's Turtlehead     | SR-T         |                | S2         | G4T2T4Q     |

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| <b>Vascular Plants</b>                                   |                                       |              |                |            |             |
| <i>Chelone obliqua</i> var. <i>obliqua</i>               | Purple Turtlehead                     | SR-T         |                | S1         | G4T3T4Q     |
| <i>Chenopodiastrum simplex</i>                           | Giant-seed Goosefoot                  | T            |                | S1         | G5          |
| <i>Chenopodium berlandieri</i> var. <i>boscianum</i>     | Boscian's Goosefoot                   | SR-O         |                | SH         | G5T3T5      |
| <i>Chenopodium berlandieri</i> var. <i>macrocalycium</i> | Large-calyx Goosefoot                 | W7           |                | S1?        | G5T4        |
| <i>Chenopodium foggii</i>                                | Fogg's Goosefoot                      | SR-T         |                | SH         | G2G3        |
| <i>Chrysoma pauciflosculosa</i>                          | Woody Goldenrod                       | E            |                | S1         | G4G5        |
| <i>Chrysopsis trichophylla</i>                           | Naked Golden-aster                    | W1           |                | S2         | G5T5        |
| <i>Chrysosplenium americanum</i>                         | Golden Saxifrage                      | W1           |                | S3         | G5          |
| <i>Cinna latifolia</i>                                   | Slender Wood-reed                     | W7           |                | S1S2       | G5          |
| <i>Cirsium carolinianum</i>                              | Carolina Thistle                      | E            |                | S1         | G5          |
| <i>Cirsium lecontei</i>                                  | Leconte's Thistle                     | SC-V         |                | S2         | G3          |
| <i>Cirsium nuttallii</i>                                 | Nuttall's Thistle                     | SR-P         |                | S1         | G5          |
| <i>Cladium mariscoides</i>                               | Twig-rush                             | W1           |                | S3         | G5          |
| <i>Cladrastis kentukea</i>                               | Yellowwood                            | W1           |                | S2S3       | G4          |
| <i>Cleistesiospis bifaria</i>                            | Small Spreading Pogonia               | W1           |                | S2         | G4?         |
| <i>Cleistesiospis divaricata</i>                         | Spreading Pogonia                     | W7           |                | S2S3       | G4          |
| <i>Cleistesiospis oricamporum</i>                        | Small Coastal Plain Spreading Pogonia | W7           |                | S2S3       | G3?         |
| <i>Clematis catesbyana</i>                               | Coastal Virgin's-bower                | SR-P         |                | S2         | G5          |
| <i>Clematis occidentalis</i> var. <i>occidentalis</i>    | Mountain Clematis                     | SC-V         |                | S1         | G5T5        |
| <i>Clinopodium georgianum</i>                            | Georgia Calamint                      | E            |                | S1         | G4          |
| <i>Collinsonia tuberosa</i>                              | Piedmont Horsebalm                    | SR-P         |                | S1S2       | G3G4        |
| <i>Collinsonia verticillata</i>                          | Whorled Horsebalm                     | T            |                | S2         | G3G4        |
| <i>Comptonia peregrina</i>                               | Sweet Fern                            | W1           |                | S3         | G5          |
| <i>Conioselinum chinense</i>                             | Hemlock-parsley                       | T            |                | S1         | G5          |
| <i>Convolvulus stans</i>                                 | Shale Barren Bindweed                 | W1           |                | S2S3       | G4G5T4      |
| <i>Coptis trifolia</i>                                   | Goldthread                            | T            |                | S1         | G5          |
| <i>Corallorhiza maculata</i> var. <i>maculata</i>        | Spotted Coralroot                     | SR-P         |                | S1         | G5T5        |
| <i>Corallorhiza wisteriana</i>                           | Spring Coral-root                     | SR-O         |                | S1         | G5          |
| <i>Coreopsis aristulata</i>                              | Short-awned Coreopsis                 | T            |                | S1         | G1          |
| <i>Coreopsis delphiniifolia</i>                          | Larkspur Coreopsis                    | SR-T         |                | SH         | G3?         |
| <i>Coreopsis grandiflora</i> var. <i>grandiflora</i>     | Large-flowered Tickseed               | SR-O         |                | S1         | G5T4T5      |
| <i>Coreopsis latifolia</i>                               | Broadleaf Coreopsis                   | W1           |                | S3         | G3          |
| <i>Coreopsis palustris</i>                               | Beadle's Coreopsis                    | SR-P         |                | S1S2       | G3G4Q       |
| <i>Coreopsis pubescens</i> var. <i>robusta</i>           | Blue Ridge Coreopsis                  | W7           |                | S2?        | G5?T3T5     |
| <i>Corydalis micrantha</i>                               | Slender Corydalis                     | T            |                | S1         | G5T4        |
| <i>Coryphopteris simulata</i>                            | Bog Fern                              | E            |                | S1         | G4G5        |
| <i>Crataegus aestivalis</i>                              | May Hawthorn                          | W1           |                | S2         | G5          |
| <i>Crataegus coccinea</i>                                | Scarlet Hawthorn                      | SR-P         |                | S2?        | G5          |
| <i>Crataegus munda</i> var. <i>munda</i>                 | Batesburg Hawthorn                    | SR-T         |                | S2?        | G4G5TNR     |
| <i>Crataegus oreophila</i>                               | Balsam Mountain Hawthorn              | W7           |                | S2         | GNR         |
| <i>Crataegus pallens</i>                                 | Pale Hawthorn                         | T            |                | S1         | G1          |
| <i>Crataegus pexa</i>                                    | Neat Hawthorn                         | W7           |                | S3?        | G4G5TNR     |
| <i>Crataegus schuettei</i>                               | Schuette's Hawthorn                   | W1           |                | S2?        | G5?         |
| <i>Crataegus senta</i>                                   | A Hawthorn                            | SR-T         |                | S1?        | G2          |
| <i>Crataegus spathulata</i>                              | Littlehip Hawthorn                    | W1           |                | S1S2       | G5          |
| <i>Crataegus succulenta</i>                              | Fleshy Hawthorn                       | SR-P         |                | S1S2       | G5          |
| <i>Crinum americanum</i> var. <i>americanum</i>          | Swamp-lily                            | SC-H         |                | SH         | G5T5        |
| <i>Crocanthemum bicknellii</i>                           | Plains Sunrose                        | SC-V         |                | S1         | G5          |
| <i>Crocanthemum carolinianum</i>                         | Carolina Sunrose                      | E            |                | S1         | G4          |
| <i>Crocanthemum corymbosum</i>                           | Pinebarren Sunrose                    | T            |                | S1         | G4G5        |
| <i>Crocanthemum georgianum</i>                           | Georgia Sunrose                       | E            |                | S1         | G4          |
| <i>Crocanthemum nashii</i>                               | Florida Scrub Frostweed               | E            |                | S1         | G3G4        |

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| <i>Crocianthemum propinquum</i>                     | Creeping Sunrose             | T            |                | S1         | G4          |
| <i>Crocianthemum rosmarinifolium</i>                | Rosemary Sunrose             | T            |                | S2         | G4          |
| <i>Croton monanthogynus</i>                         | Prairie-tea Croton           | E            |                | S1         | G5          |
| <i>Cuscuta cephalanthi</i>                          | Buttonbush Dodder            | SR-T         |                | S1         | G5          |
| <i>Cuscuta coryli</i>                               | Hazel Dodder                 | SR-T         |                | S1?        | G5?         |
| <i>Cuthbertia rosea</i>                             | Roseling                     | W7           |                | S1?        | G5          |
| <i>Cynanchum laeve</i>                              | Smooth Swallowwort           | W7           |                | S1?        | G5          |
| <i>Cyperus dentatus</i>                             | Toothed Flatsedge            | SC-H         |                | SH         | G4          |
| <i>Cyperus engelmannii</i>                          | Engelmann's Flatsedge        | W7           |                | S1?        | G4Q         |
| <i>Cyperus granitophilus</i>                        | Granite Flatsedge            | T            |                | S2         | G3G4Q       |
| <i>Cyperus hystrix</i>                              | Bristly Flatsedge            | W7           |                | SH         | G4          |
| <i>Cyperus lecontei</i>                             | Leconte's Flatsedge          | T            |                | S2         | G4?         |
| <i>Cyperus squarrosus</i>                           | Awed Flatsedge               | W7           |                | S2         | G5          |
| <i>Cyperus subsquarrosus</i>                        | Small-flowered Halfchaff     | SC-H         |                | S1         | G5          |
| <i>Cyperus surinamensis</i>                         | Smallflower Halfchaff        | SR-P         |                | S1         | G5          |
| <i>Cyperus tetragonus</i>                           | Four-angled Flatsedge        | SC-V         |                | S2         | G4          |
| <i>Cyperus virens</i>                               | Green Flatsedge              | SC-V         |                | S1         | G5          |
| <i>Cypripedium parviflorum var. parviflorum</i>     | Small Yellow Lady's-slipper  | SR-T         |                | S1S2       | G5T3T5      |
| <i>Cystopteris bulbifera</i>                        | Bulblet Bladder Fern         | W7           |                | S1S2       | G5          |
| <i>Cystopteris fragilis</i>                         | Fragile Fern                 | SR-P         |                | S1         | G5          |
| <i>Cystopteris tennesseensis</i>                    | Tennessee Bladder-fern       | E            |                | S1         | G5          |
| <i>Cystopteris tenuis</i>                           | Upland Bladder-fern          | SR-P         |                | S1         | G5          |
| <i>Dactylorhiza viridis</i>                         | Long-bracted Frog Orchid     | E            |                | S1         | G5          |
| <i>Dalea pinnata var. pinnata</i>                   | Eastern Prairie-clover       | W1           |                | S2         | G5T5        |
| <i>Dalibarda repens</i>                             | Robin Runaway                | E            |                | S2         | G5          |
| <i>Danthonia epilis</i>                             | Bog Oatgrass                 | SR-T         |                | S3         | G4          |
| <i>Delphinium exaltatum</i>                         | Tall Larkspur                | T            |                | S2         | G3          |
| <i>Dendrolycopodium dendroideum</i>                 | Prickly Ground-pine          | SR-P         |                | S2         | G5          |
| <i>Dendrolycopodium hickeyi</i>                     | Pennsylvania Ground-pine     | SR-P         |                | S2?        | G5          |
| <i>Deschampsia cespitosa ssp. glauca</i>            | Tufted Hairgrass             | T            |                | S1         | G5T5        |
| <i>Desmodium cuspidatum var. cuspidatum</i>         | Large-bract Tick-trefoil     | W7           |                | S2?        | G5T5?       |
| <i>Desmodium fernaldii</i>                          | Fernald's Tick-trefoil       | SR-P         |                | S1         | G4          |
| <i>Desmodium ochroleucum</i>                        | Creamy Tick-trefoil          | SC-H         |                | SH         | G2G3        |
| <i>Desmodium sessilifolium</i>                      | Sessile Tick-trefoil         | SC-H         |                | SH         | G5          |
| <i>Diamorpha smallii</i>                            | Elf Orpine                   | W1           |                | S3         | G4          |
| <i>Diarrhena americana</i>                          | Eastern Beakgrass            | T            |                | S1         | G4G5        |
| <i>Dicentra eximia</i>                              | Bleeding Heart               | SR-P         |                | S3         | G4          |
| <i>Dichanthelium annulum</i>                        | Ringed Witch Grass           | E            |                | S1         | G4          |
| <i>Dichanthelium bicknellii</i>                     | Bicknell's Witch Grass       | SR-P         |                | S2         | G4?Q        |
| <i>Dichanthelium caerulescens</i>                   | Blue Witch Grass             | T            |                | S2         | G2G3        |
| <i>Dichanthelium cryptanthum</i>                    | Hidden-flowered Witchgrass   | SR-T         |                | S2         | GUQ         |
| <i>Dichanthelium curtifolium</i>                    | Short-leaved Witch Grass     | W7           |                | SH         | G4T3?       |
| <i>Dichanthelium dichotomum var. roanokense</i>     | Roanoke Witch Grass          | W1           |                | S2         | G5T4?       |
| <i>Dichanthelium erectifolium</i>                   | Erectleaf Witch Grass        | W1           |                | S2         | G4          |
| <i>Dichanthelium fusiforme</i>                      | Spindle-fruited Witch Grass  | SR-P         |                | S1         | G5?         |
| <i>Dichanthelium hirsitii</i>                       | Hirsts' Panic Grass          | E            |                | S1         | G1          |
| <i>Dichanthelium linearifolium</i>                  | Low White-haired Witch Grass | W7           |                | S1?        | G5          |
| <i>Dichanthelium malacon</i>                        | Dehiscent Witch Grass        | W7           |                | S1?        | G3          |
| <i>Dichanthelium neuranthum</i>                     | Nerved Witch Grass           | SR-D         |                | S1S2       | G5T3        |
| <i>Dichanthelium oligosanthes var. scribnerianu</i> | Scribner's Witch Grass       | W7           |                | S1?        | G5T5        |
| <i>Dichanthelium spretum</i>                        | Eaton's Witch Grass          | E            |                | S1         | G5          |
| <i>Dichanthelium strigosum var. glabrescens</i>     | Hairless Witch Grass         | T            |                | S1         | G5T4T5      |

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| <i>Dichanthelium webberianum</i>             | Webber's Witch Grass       | W1           |                | S3         | GNR         |
| <i>Didiplis diandra</i>                      | Water Purslane             | SR-P         |                | S1         | G5          |
| <i>Didymoglossum petersii</i>                | Dwarf Filmy-fern           | SR-T         |                | S2         | G4          |
| <i>Diervilla rivularis</i>                   | Riverbank Bush-honeysuckle | T            |                | S1         | G3          |
| <i>Dionaea muscipula</i>                     | Venus Flytrap              | T            |                | S2         | G2          |
| <i>Diplachne maritima</i>                    | Salt-meadow Grass          | E            |                | S1         | G3G4        |
| <i>Dirca palustris</i>                       | Leatherwood                | W1           |                | S3         | G4          |
| <i>Ditrysinia fruticosa</i>                  | Sebastian-bush             | SR-P         |                | S2         | G5          |
| <i>Draba ramosissima</i>                     | Branching Draba            | SR-P         |                | S2         | G4          |
| <i>Drosera filiformis</i>                    | Threadleaf Sundew          | SC-V         |                | S2         | G4          |
| <i>Dryopteris carthusiana</i>                | Spinulose Woodfern         | W7           |                | S2         | G5          |
| <i>Dryopteris cristata</i>                   | Crested Woodfern           | W1           |                | S3         | G5          |
| <i>Dryopteris goldiana</i>                   | Goldie's Woodfern          | W1           |                | S3         | G4G5        |
| <i>Dryopteris ludoviciana</i>                | Southern Woodfern          | W1           |                | S2         | G5          |
| <i>Duravia sp. 2</i>                         | Glade Knotweed             | W7           |                | S2S3       | G5          |
| <i>Echinacea laevigata</i>                   | Smooth Coneflower          | T            | T              | S1S2       | G2G3        |
| <i>Echinacea pallida</i>                     | Pale Coneflower            | SR-D         |                | S1         | G4          |
| <i>Echinacea purpurea</i>                    | Purple Coneflower          | SR-O         |                | S1         | G4          |
| <i>Echinocystis lobata</i>                   | Wild Mock Cucumber         | W7           |                | S1         | G5          |
| <i>Eleocharis atropurpurea</i>               | Oklahoma Sedge             | SR-D         |                | SNA        | G4G5        |
| <i>Eleocharis cellulosa</i>                  | Gulfcoast Spikerush        | T            |                | S2         | G4G5        |
| <i>Eleocharis compressa var. compressa</i>   | Flattened Spikerush        | SR-P         |                | S1         | G4          |
| <i>Eleocharis elongata</i>                   | Florida Spikerush          | E            |                | S1         | G5?         |
| <i>Eleocharis engelmannii</i>                | Englemann's Spikerush      | W7           |                | S1?        | G4G5        |
| <i>Eleocharis equisetoides</i>               | Horsetail Spikerush        | W1           |                | S3         | G4          |
| <i>Eleocharis erythropoda</i>                | Bald Spikerush             | W7           |                | S1         | G5          |
| <i>Eleocharis fallax</i>                     | Creeping Spikerush         | SR-T         |                | S1S2       | G4G5        |
| <i>Eleocharis montevidensis</i>              | Sand Spikerush             | SR-P         |                | S1         | G5          |
| <i>Eleocharis palustris</i>                  | Small's Spikerush          | SR-O         |                | S1         | G5          |
| <i>Eleocharis parvula</i>                    | Little-spike Spikerush     | T            |                | S1         | G5          |
| <i>Eleocharis robbinsii</i>                  | Robbins' Spikerush         | SC-V         |                | S2S3       | G4G5        |
| <i>Eleocharis rostellata</i>                 | Beaked Spikerush           | SR-O         |                | S2         | G5          |
| <i>Eleocharis tricostata</i>                 | Three-angle Spikerush      | W1           |                | S2S3       | G4          |
| <i>Eleocharis uniglumis</i>                  | Saltmarsh Spikerush        | SR-P         |                | S1         | G5          |
| <i>Eleocharis vivipara</i>                   | Viviparous Spikerush       | T            |                | S1         | G5          |
| <i>Eleocharis wolfii</i>                     | Wolf's Spikerush           | SR-T         |                | S1         | G3G5        |
| <i>Elodea canadensis</i>                     | Canada Waterweed           | W7           |                | S1?        | G5          |
| <i>Elodea nuttallii</i>                      | Nuttall's Elodea           | W7           |                | S2?        | G5          |
| <i>Elymus canadensis var. robustus</i>       | Robust Canada Wild-rye     | SR-D         |                | SH         | G5TNR       |
| <i>Elymus halophilus</i>                     | Terrell Grass              | SR-P         |                | S1         | G5T5        |
| <i>Elymus riparius</i>                       | Riverbank Wild Rye         | W7           |                | S1S2       | G5          |
| <i>Elymus trachycaulus ssp. trachycaulus</i> | Slender Wheatgrass         | T            |                | S1         | G5T5        |
| <i>Enemion biternatum</i>                    | Eastern Isopyrum           | SC-V         |                | S2         | G5          |
| <i>Epidendrum conopseum</i>                  | Green Fly Orchid           | T            |                | S1S2       | G4          |
| <i>Epilobium ciliatum ssp. ciliatum</i>      | American Willow-herb       | SR-P         |                | S2         | G5T5        |
| <i>Epilobium leptophyllum</i>                | Narrowleaf Willowherb      | W1           |                | S2S3       | G5          |
| <i>Eragrostis frankii</i>                    | Frank's Lovegrass          | W7           |                | S1         | G5          |
| <i>Erigenia bulbosa</i>                      | Harbinger-of-spring        | T            |                | S1         | G5          |
| <i>Eriocaulon aquaticum</i>                  | Seven-angled Pipewort      | SC-V         |                | S2         | G5          |
| <i>Eriocaulon parkeri</i>                    | Estuary Pipewort           | T            |                | SH         | G3          |
| <i>Eriocaulon texense</i>                    | Texas Hatpins              | E            |                | S1         | G4          |
| <i>Eriogonum tomentosum</i>                  | Southern Wild-buckwheat    | SC-H         |                | SH         | G5          |

| SCIENTIFIC NAME                                          | COMMON NAME                   | STATE STATUS | FEDERAL STATUS | STATE RANK | GLOBAL RANK |
|----------------------------------------------------------|-------------------------------|--------------|----------------|------------|-------------|
| <b>Vascular Plants</b>                                   |                               |              |                |            |             |
| <i>Eriophorum virginicum</i>                             | Cottongrass                   | W1           |                | S3         | G5          |
| <i>Erythrina herbacea</i>                                | Coralbean                     | E            |                | S2         | G5          |
| <i>Euonymus atropurpureus</i>                            | Eastern Wahoo                 | W7           |                | S2         | G5          |
| <i>Eupatorium altissimum</i>                             | Tall Boneset                  | W1           |                | S2         | GNR         |
| <i>Eupatorium anomalum</i>                               | Florida Thoroughwort          | SR-T         |                | S1         | G2G3        |
| <i>Eupatorium fernaldii</i>                              | Fernald's Eupatorium          | SR-T         |                | SH         | GNR         |
| <i>Eupatorium godfreyanum</i>                            | Godfrey's Thoroughwort        | W1           |                | S3         | G4          |
| <i>Eupatorium leptophyllum</i>                           | Limesink Dog-fennel           | E            |                | S2         | G5          |
| <i>Eupatorium maritimum</i>                              | Maritime Thoroughwort         | SR-L         |                | S1         | G2?         |
| <i>Eupatorium paludicola</i>                             | Bay Boneset                   | E            |                | S1S2       | G2          |
| <i>Eupatorium recurvans</i>                              | Recurved Eupatorium           | W7           |                | S1?        | G3G4Q       |
| <i>Eupatorium resinosum</i>                              | Pine Barren Boneset           | SR-O         |                | S3         | G3          |
| <i>Eupatorium saltuense</i>                              | Tall Boneset                  | SR-L         |                | S1S2       | G4          |
| <i>Eupatorium sessilifolium</i> var. <i>brittonianum</i> | Britton's Eupatorium          | W7           |                | S1?        | G5T3T5      |
| <i>Euphorbia bombensis</i>                               | Southern Seaside Spurge       | SR-T         |                | S2?        | G4G5        |
| <i>Euphorbia commutata</i>                               | Cliff Spurge                  | T            |                | S1         | G5          |
| <i>Euphorbia cordifolia</i>                              | Heartleaf Sandmat             | T            |                | S1         | G5          |
| <i>Euphorbia mercurialina</i>                            | Cumberland Spurge             | SC-V         |                | S2         | G4          |
| <i>Euphorbia purpurea</i>                                | Glade Spurge                  | SR-T         |                | S3         | G3          |
| <i>Eurybia mirabilis</i>                                 | Piedmont Aster                | SR-T         |                | S3         | G3          |
| <i>Eurybia spectabilis</i>                               | Showy Aster                   | SR-O         |                | S1S2       | G5          |
| <i>Euthamia floribunda</i>                               | Mid-Atlantic Goldentop        | W7           |                | S1S3       | GNR         |
| <i>Euthamia graminifolia</i>                             | Northern Smooth Goldentop     | SR-O         |                | S1S2       | G5T5        |
| <i>Euthamia lanceolata</i>                               | Northern Hairy Goldentop      | W7           |                | S1?        | G5T5?Q      |
| <i>Euthamia weakleyi</i>                                 | Weakley's Flat-top Goldenrod  | W7           |                | S2S3       | GNR         |
| <i>Eutrochium maculatum</i> var. <i>maculatum</i>        | Spotted Joe-pye Weed          | W7           |                | S3?        | G5T5        |
| <i>Fallopia cristata</i>                                 | Crested Climbing Buckwheat    | W7           |                | S2?        | G5T5        |
| <i>Filipendula rubra</i>                                 | Queen-of-the-prairie          | E            |                | S1         | G4G5        |
| <i>Fimbristylis perpusilla</i>                           | Harper's Fimbry               | T            |                | S1         | G2          |
| <i>Fimbristylis vahlii</i>                               | Vahl Fimbry                   | SR-P         |                | SH         | G5          |
| <i>Fleischmannia incarnata</i>                           | Pink Thoroughwort             | SR-O         |                | S2         | G5          |
| <i>Fothergilla major</i>                                 | Large Witch-alder             | SR-T         |                | S3         | G3          |
| <i>Fragaria americana</i>                                | American Woodland Strawberry  | SR-P         |                | S1         | G5T5        |
| <i>Frangula caroliniana</i>                              | Carolina Buckthorn            | W1           |                | S3         | G5          |
| <i>Frasera caroliniensis</i>                             | Columbo                       | SR-P         |                | S2         | G5          |
| <i>Gaillardia aestivalis</i> var. <i>aestivalis</i>      | Sandhills Blanket-flower      | E            |                | S2         | G5T5        |
| <i>Galactia minor</i>                                    | Little Milkpea                | W1           |                | S2?        | G4          |
| <i>Galactia mollis</i>                                   | Soft Milk-pea                 | T            |                | S2         | G4          |
| <i>Galium asprellum</i>                                  | Rough Bedstraw                | W7           |                | S2         | G5          |
| <i>Galium lanceolatum</i>                                | Lanceleaf Wild Licorice       | W7           |                | S2         | G5          |
| <i>Gaylussacia bigeloviana</i>                           | Northern Dwarf Huckleberry    | W7           |                | S2         | G4G5        |
| <i>Gaylussacia brachycera</i>                            | Box Huckleberry               | E            |                | S1         | G3          |
| <i>Gaylussacia nana</i>                                  | Dwarf Dangleberry             | E            |                | S1         | G4          |
| <i>Gaylussacia orocola</i>                               | Appalachian Dwarf Huckleberry | E            |                | S1         | G1          |
| <i>Gelsemium rankinii</i>                                | Swamp Jessamine               | SC-V         |                | S1S2       | G5          |
| <i>Gentiana alba</i>                                     | Yellow Gentian                | SC-H         |                | SH         | G4          |
| <i>Gentiana austromontana</i>                            | Appalachian Gentian           | W1           |                | S2S3       | G3          |
| <i>Gentiana clausa</i>                                   | Closed Gentian                | W1           |                | S3         | G5          |
| <i>Gentiana latidens</i>                                 | Balsam Mountain Gentian       | T            |                | S1S2       | G5T1T2      |
| <i>Gentianopsis crinita</i>                              | Fringed Gentian               | E            |                | S1         | G5          |
| <i>Geum aleppicum</i>                                    | Yellow Avens                  | E            |                | S1         | G5          |
| <i>Geum geniculatum</i>                                  | Bent Avens                    | SC-V         |                | S1S2       | G2          |

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| <b>Vascular Plants</b>                             |                           |              |                |            |             |
| <i>Geum laciniatum</i>                             | Rough Avens               | E            |                | S1         | G5          |
| <i>Geum radiatum</i>                               | Spreading Avens           | E            | E              | S2         | G2          |
| <i>Gillenia stipulata</i>                          | Indian Physic             | T            |                | S2         | G5          |
| <i>Glandularia canadensis</i>                      | Rose Mock-verbain         | W7           |                | S1?        | G5          |
| <i>Glyceria laxa</i>                               | Lax Mannagrass            | SC-V         |                | S2         | G5          |
| <i>Glyceria nubigena</i>                           | Smoky Mountain Mannagrass | SR-L         |                | S2         | G2G3        |
| <i>Goodyera repens</i>                             | Lesser Rattlesnake Orchid | W1           |                | S2S3       | G5          |
| <i>Gratiola lutea</i>                              | Golden Hedge-hyssop       | SC-V         |                | S1         | G5          |
| <i>Gratiola ramosa</i>                             | Branched Hedge-hyssop     | SR-P         |                | S1         | G4G5        |
| <i>Gymnocarpium appalachianum</i>                  | Appalachian Oak Fern      | T            |                | S1         | G3          |
| <i>Habenaria repens</i>                            | Water-spider Orchid       | W1           |                | S2         | G5          |
| <i>Hackelia virginiana</i>                         | Virginia Stickseed        | SR-P         |                | S2         | G5          |
| <i>Helanthis tenellum</i>                          | Dwarf-burhead             | E            |                | S1         | G5?         |
| <i>Helenium brevifolium</i>                        | Littleleaf Sneezeweed     | E            |                | S1         | G4          |
| <i>Helenium pinnatifidum</i>                       | Dissected Sneezeweed      | SR-P         |                | S2         | G5          |
| <i>Helenium vernale</i>                            | Spring Sneezeweed         | E            |                | S1         | G4?         |
| <i>Helianthus floridanus</i>                       | Florida Sunflower         | T            |                | S1         | G3G4        |
| <i>Helianthus laevigatus</i>                       | Smooth Sunflower          | SC-V         |                | S3         | G4          |
| <i>Helianthus occidentalis ssp. occidentalis</i>   | Naked-stem Sunflower      | SC-H         |                | SX         | G5T5        |
| <i>Helianthus schweinitzii</i>                     | Schweinitz's Sunflower    | E            | E              | S3         | G3          |
| <i>Heliotropium curassavicum var. curassavicum</i> | Seaside Heliotrope        | SR-P         |                | SH         | G5T5        |
| <i>Helonias bullata</i>                            | Swamp Pink                | T            | T              | S2         | G3          |
| <i>Heteranthera dubia</i>                          | Water Stargrass           | SR-P         |                | SH         | G5          |
| <i>Heteranthera pauciflora</i>                     | Atlantic Mud-plantain     | SR-P         |                | S1         | G3          |
| <i>Heteranthera reniformis</i>                     | Kidneyleaf Mud-plantain   | W7           |                | S2?        | G5          |
| <i>Heuchera caroliniana</i>                        | Carolina Alumroot         | W7           |                | S3         | G3          |
| <i>Heuchera hispida</i>                            | Hispid Alumroot           | SR-P         |                | S1         | G5T3?       |
| <i>Heuchera longiflora</i>                         | Long-flower Alumroot      | W7           |                | S2         | G4          |
| <i>Heuchera parviflora var. parviflora</i>         | Grotto Alumroot           | W1           |                | S3         | G4T4        |
| <i>Heuchera parviflora var. saurensis</i>          | Sauratown Grotto Alumroot | W7           |                | S1         | G4T1        |
| <i>Heuchera pubescens</i>                          | Downy Alumroot            | SR-P         |                | S1         | G4?         |
| <i>Hexalectris spicata</i>                         | Crested Coralroot         | SR-P         |                | S2         | G5          |
| <i>Hexastylis contracta</i>                        | Mountain Heartleaf        | E            |                | S1         | G3          |
| <i>Hexastylis lewisii</i>                          | Lewis's Heartleaf         | W1           |                | S3         | G3          |
| <i>Hexastylis naniflora</i>                        | Dwarf-flowered Heartleaf  | T            | T              | S3         | G3          |
| <i>Hexastylis rhombiformis</i>                     | French Broad Heartleaf    | SR-L         |                | S3         | G3          |
| <i>Hexastylis rosei</i>                            | Rose's Heartleaf          | SR-L         |                | S1         | G1          |
| <i>Hexastylis sp. 1</i>                            | Buck Creek Heartleaf      | W7           |                | S1?        | GNR         |
| <i>Hibiscus aculeatus</i>                          | Comfortroot               | T            |                | S1         | G5          |
| <i>Hierochloa hirta</i>                            | Holy Grass                | SR-D         |                | SH         | G5          |
| <i>Hottonia inflata</i>                            | Featherfoil               | SC-V         |                | S1?        | G4          |
| <i>Houstonia lanceolata</i>                        | Glade Mountain Houstonia  | SR-P         |                | S1         | G5T5        |
| <i>Houstonia longifolia var. glabra</i>            | Granite Dome Bluet        | W1           |                | S3         | G5T3Q       |
| <i>Houstonia montana</i>                           | Roan Mountain Bluet       | E            | E              | S2         | G5T2        |
| <i>Houstonia procumbens</i>                        | Creeping Bluet            | SR-P         |                | S1         | G5          |
| <i>Hudsonia montana</i>                            | Mountain Golden-heather   | T            | T              | S1         | G1          |
| <i>Hudsonia tomentosa</i>                          | Sand Heather              | T            |                | S2         | G5          |
| <i>Humulus lupulus var. lupuloides</i>             | Hops                      | W7           |                | S1?        | G5T5        |
| <i>Huperzia appressa</i>                           | Appalachian Fir-clubmoss  | W1           |                | S3         | G5          |
| <i>Huperzia porophila</i>                          | Rock Fir-clubmoss         | SR-P         |                | S2         | G4          |
| <i>Hydrangea cinerea</i>                           | Ashy Hydrangea            | W7           |                | S2         | G5          |
| <i>Hydrastis canadensis</i>                        | Goldenseal                | SC-V         |                | S3         | G3G4        |

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|-----------------------------------------------------------|-------------------------------|-----------------|-------------------|---------------|----------------|
| <b>Vascular Plants</b>                                    |                               |                 |                   |               |                |
| <i>Hydrophyllum macrophyllum</i>                          | Largeleaf Waterleaf           | W1              |                   | S3            | G5             |
| <i>Hymenocallis occidentalis</i> var. <i>occidentalis</i> | Hillside Spider-lily          | SC-H            |                   | SH            | G4?TNR         |
| <i>Hymenocallis pygmaea</i>                               | Waccamaw River Spiderlily     | SC-V            |                   | S1            | G2Q            |
| <i>Hymenophyllum tayloriae</i>                            | Gorge Filmy Fern              | SR-O            |                   | S1S2          | G2             |
| <i>Hypericum adpressum</i>                                | Bog St. John's-wort           | SC-H            |                   | SH            | G3             |
| <i>Hypericum brachyphyllum</i>                            | Coastal Plain St. John's-wort | SC-V            |                   | S1S2          | G5             |
| <i>Hypericum buckleyi</i>                                 | Blue Ridge St. John's-wort    | W1              |                   | S3            | G3             |
| <i>Hypericum fasciculatum</i>                             | Peelbark St. John's-wort      | E               |                   | S1            | G5             |
| <i>Hypericum graveolens</i>                               | Mountain St. John's-wort      | W1              |                   | S2S3          | G3             |
| <i>Hypericum mitchellianum</i>                            | Mitchell's St. John's-wort    | W1              |                   | S2S3          | G3             |
| <i>Hypericum radfordiorum</i>                             | Radford's St. John's-wort     | SC-V            |                   | S2            | G2             |
| <i>Hypericum suffruticosum</i>                            | Pineland St. John's-wort      | SC-H            |                   | SH            | G4G5           |
| <i>Hypopitys lanuginosa</i>                               | Pinesap                       | W7              |                   | S3S4          | G5             |
| <i>Hypoxis juncea</i>                                     | Fringed Yellow Stargrass      | SR-P            |                   | S1            | G4?            |
| <i>Hypoxis rigida</i>                                     | Stiff-leaved Yellow Stargrass | SR-P            |                   | S2            | G4             |
| <i>Ilex amelanchier</i>                                   | Sarvis Holly                  | W1              |                   | S3            | G4             |
| <i>Ilex cassine</i>                                       | Dahoon                        | W1              |                   | S2            | G5             |
| <i>Ilex collina</i>                                       | Long-stalked Holly            | SC-V            |                   | S1            | G3             |
| <i>Ilex longipes</i>                                      | Georgia Holly                 | SR-P            |                   | S1S2          | G5             |
| <i>Ipomoea imperati</i>                                   | Beach Morning-glory           | SC-V            |                   | S2S3          | G5             |
| <i>Ipomoea macrorhiza</i>                                 | Manroot                       | SC-H            |                   | SH            | G3             |
| <i>Ipomopsis rubra</i>                                    | Standing Cypress              | W7              |                   | S1S2          | G4G5           |
| <i>Iresine rhizomatosa</i>                                | Rootstock Bloodleaf           | W1              |                   | S2S3          | G5             |
| <i>Iris prismatica</i>                                    | Slender Blue Iris             | SR-T            |                   | S1S2          | G4G5           |
| <i>Isoetes hyemalis</i>                                   | Wintergreen Quillwort         | W7              |                   | S2S3          | G2G3           |
| <i>Isoetes melanopoda</i> ssp. <i>silvatica</i>           | Eastern Blackfoot Quillwort   | W7              |                   | S1S3          | G5TNR          |
| <i>Isoetes microvela</i>                                  | Thin-wall Quillwort           | T               |                   | S1            | G1             |
| <i>Isoetes piedmontana</i>                                | Piedmont Quillwort            | T               |                   | S2            | G4             |
| <i>Isoetes virginica</i>                                  | Virginia Quillwort            | SR-L            |                   | S1            | G1             |
| <i>Isolepis carinata</i>                                  | Keeled Beakrush               | SR-P            |                   | S1            | G5             |
| <i>Isotria medeoloides</i>                                | Small Whorled Pogonia         | T               | T                 | S1            | G2G3           |
| <i>Isotria verticillata</i>                               | Large Whorled Pogonia         | W1              |                   | S2S3          | G5             |
| <i>Iva microcephala</i>                                   | Small-headed Marsh Elder      | T               |                   | S2            | G5             |
| <i>Jeffersonia diphylla</i>                               | Twinleaf                      | T               |                   | S1            | G5             |
| <i>Juncus articulatus</i>                                 | Jointleaf Rush                | SC-H            |                   | SH            | G5             |
| <i>Juncus brachycarpus</i>                                | Whiteroot Rush                | W7              |                   | S2?           | G4G5           |
| <i>Juncus brevicaudatus</i>                               | Mountain Rush                 | W7              |                   | S1?           | G5             |
| <i>Juncus caesariensis</i>                                | New Jersey Rush               | E               |                   | S1            | G2G3           |
| <i>Juncus dudleyi</i>                                     | Dudley's Rush                 | SR-P            |                   | S1            | G5             |
| <i>Juncus georgianus</i>                                  | Georgia Rush                  | SR-O            |                   | SH            | G3             |
| <i>Juncus longii</i>                                      | Long's Rush                   | W7              |                   | S1S2          | G3Q            |
| <i>Juncus militaris</i>                                   | Bayonet Rush                  | SR-D            |                   | S1            | G5             |
| <i>Juncus secundus</i>                                    | Nodding Rush                  | W7              |                   | S1S2          | G5?            |
| <i>Juniperus communis</i> var. <i>depressa</i>            | Dwarf Juniper                 | T               |                   | S1            | G5T5           |
| <i>Kalmia angustifolia</i>                                | Sheep-laurel                  | T               |                   | S1            | G5             |
| <i>Kalmia cuneata</i>                                     | White Wicky                   | W1              |                   | S3            | G3             |
| <i>Koeleria spicata</i> ssp. <i>spicata</i>               | Soft Trisetum                 | SC-H            |                   | SH            | G5TNR          |
| <i>Krigia biflora</i> ssp. <i>biflora</i>                 | Two-flower Dwarf-dandelion    | W7              |                   | S2            | G5T5           |
| <i>Lachnocaulon minus</i>                                 | Brown Bogbutton               | T               |                   | S2            | G3G4           |
| <i>Lathyrus palustris</i>                                 | Marsh Peavine                 | SR-P            |                   | S1            | G5             |
| <i>Lathyrus venosus</i>                                   | Smooth Peavine                | W1              |                   | S3            | G5             |
| <i>Lechea maritima</i> var. <i>virginica</i>              | Maritime Pinweed              | T               |                   | S1            | G5T3Q          |

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| <b>Vascular Plants</b>                                  |                              |              |                |            |             |
| <i>Lechea torreyi</i> var. <i>congesta</i>              | Torrey's Pinweed             | E            |                | S1         | G4TNR       |
| <i>Leersia lenticularis</i>                             | Catchfly Cutgrass            | SR-P         |                | S2?        | G5          |
| <i>Lemna aequinoctialis</i>                             | Lesser Duckweed              | SR-P         |                | SH         | G5          |
| <i>Lemna minor</i>                                      | Common Duckweed              | W7           |                | S2S3       | G5          |
| <i>Lemna obscura</i>                                    | Little Duckweed              | SR-O         |                | SH         | G5          |
| <i>Lepuropetalon spathulatum</i>                        | Dwarf Saxifrage              | SR-P         |                | SH         | G5          |
| <i>Lespedeza frutescens</i>                             | Violet Lespedeza             | W7           |                | S2?        | G5          |
| <i>Liatris aspera</i>                                   | Rough Blazing-star           | T            |                | S1         | G4G5        |
| <i>Liatris helleri</i>                                  | Heller's Blazing-star        | T            | T              | S2         | G2Q         |
| <i>Liatris microcephala</i>                             | Small-head Blazing-star      | SC-V         |                | S1         | G3G4        |
| <i>Liatris scariosa</i>                                 | New England Blazing-star     | W7           |                | S2         | G5?TNR      |
| <i>Liatris secunda</i>                                  | Sandhill Blazing-star        | W7           |                | S2         | G4          |
| <i>Liatris squarulosa</i>                               | Earle's Blazing-star         | SR-P         |                | S2         | G4G5        |
| <i>Liatris turgida</i>                                  | Shale-barren Blazing-star    | SR-T         |                | S1S2       | G3          |
| <i>Lilaeopsis carolinensis</i>                          | Carolina Grasswort           | SR-O         |                | S2         | G3G5        |
| <i>Lilium canadense</i>                                 | Canada Lily                  | E            |                | S1         | G5          |
| <i>Lilium grayi</i>                                     | Gray's Lily                  | T            |                | S1S2       | G1G2        |
| <i>Lilium philadelphicum</i> var. <i>philadelphicum</i> | Wood Lily                    | E            |                | S1S2       | G5T4T5      |
| <i>Lilium pyrophilum</i>                                | Sandhills Lily               | E            |                | S2         | G2          |
| <i>Limosella australis</i>                              | Awl-leaf Mudwort             | T            |                | S1         | G5          |
| <i>Lindera melissifolia</i>                             | Pondberry                    | E            | E              | S1         | G3          |
| <i>Lindera subcoriacea</i>                              | Bog Spicebush                | SC-V         |                | S2         | G3          |
| <i>Lindernia monticola</i>                              | Flatrock Pimpernel           | W1           |                | S2         | G4          |
| <i>Linum floridanum</i> var. <i>chrysocarpum</i>        | Yellow-fruited Flax          | T            |                | S1S2       | G5?T3?      |
| <i>Linum sulcatum</i>                                   | Glade Flax                   | SC-H         |                | SH         | G5T5        |
| <i>Liparis loeselii</i>                                 | Fen Orchid                   | E            |                | S1         | G5          |
| <i>Lithospermum canescens</i>                           | Hoary Puccoon                | T            |                | S2         | G5          |
| <i>Lithospermum virginianum</i>                         | Virginia Marbleseed          | W1           |                | S3         | G4          |
| <i>Litsea aestivalis</i>                                | Pondspice                    | SC-V         |                | S2S3       | G3?         |
| <i>Lobelia batsonii</i>                                 | Cedar Swamp Lobelia          | W1           |                | S3         | G3          |
| <i>Lobelia boykinii</i>                                 | Boykin's Lobelia             | E            |                | S1S2       | G2G3        |
| <i>Lonicera canadensis</i>                              | American Fly-honeysuckle     | SR-P         |                | S2         | G5          |
| <i>Lonicera flava</i>                                   | Yellow Honeysuckle           | W1           |                | S3         | G5?         |
| <i>Lophiola aurea</i>                                   | Golden-crest                 | E            |                | S2         | G4          |
| <i>Ludwigia alata</i>                                   | Winged Seedbox               | SR-P         |                | S2         | G3G5        |
| <i>Ludwigia brevipes</i>                                | Long Beach Seedbox           | SR-T         |                | S1         | G2          |
| <i>Ludwigia lanceolata</i>                              | Lanceleaf Seedbox            | E            |                | S1         | G3          |
| <i>Ludwigia linifolia</i>                               | Flaxleaf Seedbox             | T            |                | S2         | G4          |
| <i>Ludwigia maritima</i>                                | Seaside Seedbox              | W7           |                | S2S3       | G5          |
| <i>Ludwigia ravenii</i>                                 | Raven's Seedbox              | E            |                | S1         | G1G2        |
| <i>Ludwigia sphaerocarpa</i>                            | Globe-fruit Seedbox          | E            |                | S1         | G5          |
| <i>Ludwigia suffruticosa</i>                            | Shrubby Seedbox              | T            |                | S2         | G5          |
| <i>Lupinus villosus</i>                                 | Lady Lupine                  | E            |                | S1         | G4          |
| <i>Luziola fluitans</i> var. <i>fluitans</i>            | Southern Water Grass         | SR-P         |                | S1S2       | G5T5        |
| <i>Luzula multiflora</i> var. <i>multiflora</i>         | Heath Woodrush               | W7           |                | S2?        | G5T5        |
| <i>Lycopodiella inundata</i>                            | Bog Clubmoss                 | E            |                | S1         | G5          |
| <i>Lycopodiella prostrata</i>                           | Featherstem Clubmoss         | W7           |                | S2?        | G5          |
| <i>Lycopus amplexans</i>                                | Clasping Bugleweed           | W1           |                | S3         | G5          |
| <i>Lycopus angustifolius</i>                            | Southern Bog Water-horehound | SR-P         |                | S1         | G4?Q        |
| <i>Lysimachia asperulifolia</i>                         | Rough-leaf Loosestrife       | E            | E              | S3         | G3          |
| <i>Lysimachia borealis</i>                              | Maystar                      | T            |                | S1         | G5          |
| <i>Lysimachia fraseri</i>                               | Fraser's Loosestrife         | E            |                | S3         | G3          |

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| <b>Vascular Plants</b>                           |                                  |              |                |            |             |
| <i>Lysimachia loomisii</i>                       | Loomis's Loosestrife             | W1           |                | S3         | G3?         |
| <i>Lythrum lanceolatum</i>                       | Southern Winged-loosestrife      | SR-T         |                | S1         | G5T5        |
| <i>Macbridea caroliniana</i>                     | Carolina Bogmint                 | E            |                | S2         | G2G3        |
| <i>Magnolia acuminata</i> var. <i>subcordata</i> | Piedmont Cucumber-tree           | W7           |                | S1?        | G5T3Q       |
| <i>Magnolia grandiflora</i>                      | Southern Magnolia                | W1           |                | S2?        | G5          |
| <i>Magnolia macrophylla</i>                      | Bigleaf Magnolia                 | SC-V         |                | S2         | G5          |
| <i>Malaxis bayardii</i>                          | Appalachian Adder's-mouth        | SR-T         |                | S1         | G1G2        |
| <i>Malaxis spicata</i>                           | Florida Adder's-mouth            | SC-V         |                | S1         | G4?         |
| <i>Marshallia grandiflora</i>                    | Large-flowered Barbara's-buttons | SC-H         |                | SX         | GX          |
| <i>Marshallia legrandii</i>                      | Oak Barrens Barbara's-buttons    | E            |                | S1         | G1          |
| <i>Marshallia trinervia</i>                      | Broadleaf Barbara's-buttons      | SC-H         |                | SH         | G3          |
| <i>Matelea decipiens</i>                         | Glade Milkvine                   | W1           |                | S3         | G5          |
| <i>Matelea obliqua</i>                           | Climbing Milkvine                | SR-P         |                | S1         | G4?         |
| <i>Meehania cordata</i>                          | Meehania                         | SR-P         |                | S2         | G5          |
| <i>Melanthium woodii</i>                         | Ozark Bunchflower                | T            |                | S1         | G5          |
| <i>Melica nitens</i>                             | Three-flowered Melic             | E            |                | S1         | G5          |
| <i>Menyanthes trifoliata</i>                     | Buckbean                         | T            |                | S1         | G5          |
| <i>Mertensia virginica</i>                       | Virginia Bluebells               | W7           |                | S2         | G5          |
| <i>Micranthes careyana</i>                       | Carey Saxifrage                  | W1           |                | S3         | G3          |
| <i>Micranthes caroliniana</i>                    | Carolina Saxifrage               | SR-T         |                | S3         | G3          |
| <i>Micranthes pensylvanica</i>                   | Swamp Saxifrage                  | E            |                | S1         | G5          |
| <i>Milium effusum</i> var. <i>cisatlanticum</i>  | Millet-grass                     | SR-P         |                | S1         | G5T5        |
| <i>Mnesithea cylindrica</i>                      | Carolina Jointgrass              | SC-H         |                | SH         | G4G5        |
| <i>Monarda austroappalachiana</i>                | Ocoee Beebalm                    | W7           |                | S1         | G1          |
| <i>Monarda media</i>                             | Purple Bee-balm                  | SR-P         |                | S1?        | G4?         |
| <i>Monarda punctata</i> var. <i>arkansana</i>    | Arkansas Horsemint               | SR-D         |                | S1         | G5T3        |
| <i>Mononeuria groenlandica</i>                   | Greenland Sandwort               | T            |                | S2         | G5          |
| <i>Mononeuria paludicola</i>                     | Godfrey's Sandwort               | E            |                | S1         | G1          |
| <i>Mononeuria uniflora</i>                       | Single-flowered Sandwort         | E            |                | S1         | G2          |
| <i>Monotropa brittonii</i>                       | Southern Ghost-Pipe              | W7           |                | S1S2       | GNR         |
| <i>Monotropa uniflora</i>                        | Indian-pipe                      | W7           |                | S2S4       | G5          |
| <i>Monotropsis odorata</i>                       | Sweet Pinesap                    | SR-O         |                | S3         | G3          |
| <i>Moranopteris nimbat</i>                       | West Indian Dwarf Polypody       | T            |                | S1         | G4?         |
| <i>Muhlenbergia glabriflora</i>                  | Clay-pan Muhly                   | W7           |                | SH         | G4?         |
| <i>Muhlenbergia glomerata</i>                    | Spiked Muhly                     | SC-V         |                | S1         | G5          |
| <i>Muhlenbergia mexicana</i>                     | Mexican Muhly                    | W7           |                | S1?        | G5          |
| <i>Muhlenbergia sobolifera</i>                   | Rock Muhly                       | T            |                | S2         | G5          |
| <i>Muhlenbergia sylvatica</i>                    | Woodland Muhly                   | W7           |                | S1S2       | G5          |
| <i>Muhlenbergia torreyana</i>                    | Pinebarren Smokegrass            | SC-V         |                | S2         | G3          |
| <i>Myrica gale</i>                               | Sweet Gale                       | E            |                | S1         | G5          |
| <i>Myriophyllum laxum</i>                        | Loose Water-milfoil              | E            |                | S2         | G3          |
| <i>Myriophyllum pinnatum</i>                     | Cutleaf Water-milfoil            | SR-T         |                | S1         | G5          |
| <i>Myriophyllum tenellum</i>                     | Leafless Water-milfoil           | E            |                | S1         | G5          |
| <i>Myriopteris alabamensis</i>                   | Alabama Lipfern                  | SR-P         |                | SH         | G5          |
| <i>Myriopteris gracilis</i>                      | Slender Lipfern                  | SR-D         |                | SH         | G5          |
| <i>Nabalus albus</i>                             | Northern Rattlesnake-root        | SC-V         |                | S2?        | G5          |
| <i>Nabalus roanensis</i>                         | Roan Rattlesnakeroot             | W1           |                | S3         | G3          |
| <i>Najas gracillima</i>                          | Slender Waternymph               | W7           |                | S2         | G5?         |
| <i>Nanopanax trifolius</i>                       | Dwarf Ginseng                    | W1           |                | S3         | G5          |
| <i>Narthecium montanum</i>                       | Appalachian Yellow Asphodel      | SC-H         |                | SX         | GX          |
| <i>Nelumbo lutea</i>                             | American Lotus                   | W7           |                | S2         | G4          |
| <i>Neottia bifolia</i>                           | Southern Twayblade               | W1           |                | S3         | G4          |

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| <b>Vascular Plants</b>                                   |                                  |                 |                   |               |                |
| <i>Neottia cordata</i>                                   | Heartleaf Twayblade              | SR-D            |                   | SH            | G5T5           |
| <i>Nuphar sagittifolia</i>                               | Cape Fear Spatterdock            | W1              |                   | S3            | G5T2           |
| <i>Nymphoides cordata</i>                                | Little Floating-heart            | W7              |                   | S2            | G5             |
| <i>Oenothera perennis</i>                                | Perennial Sundrops               | SC-V            |                   | S2            | G5             |
| <i>Oenothera riparia</i>                                 | Riverbank Evening-primrose       | SR-L            |                   | S2S3          | G2G3           |
| <i>Oenothera unguiculata</i>                             | Southern Sundrops                | SR-T            |                   | S1S2          | G5T2T3         |
| <i>Oldenlandia boscii</i>                                | Bosc's Bluet                     | T               |                   | S2            | G5             |
| <i>Oligoneuron jacksonii</i>                             | Southeastern Bold Goldenrod      | SR-P            |                   | S2            | G5T4           |
| <i>Oligoneuron rigidum</i>                               | Prairie Bold Goldenrod           | T               |                   | S1            | G5T5           |
| <i>Ophioglossum crotalophoroides</i>                     | Bulbous Adder's-tongue           | W7              |                   | S1?           | G5             |
| <i>Ophioglossum nudicaule</i>                            | Slender Adder's-tongue           | W7              |                   | S1?           | G5             |
| <i>Oplismenus setarius</i>                               | Shortleaf Basket Grass           | SR-P            |                   | S1            | G5T5           |
| <i>Orbexilum lupinellus</i>                              | Lupine Scurfpea                  | W1              |                   | S3            | G3G4           |
| <i>Orbexilum macrophyllum</i>                            | Bigleaf Scurfpea                 | SC-H            |                   | SX            | GX             |
| <i>Orbexilum onobrychis</i>                              | Lanceleaf Scurfpea               | SC-H            |                   | SH            | G5             |
| <i>Orbexilum pedunculatum</i>                            | Sampson's Snakeroot              | E               |                   | S1            | G5T5?          |
| <i>Oreojuncus trifidus</i>                               | Highland Rush                    | T               |                   | S1            | G5             |
| <i>Orthochilus ecristatus</i>                            | Spiked Medusa                    | E               |                   | S1            | G2G3           |
| <i>Oxalis macrantha</i>                                  | Sadie Price's Yellow Wood Sorrel | SR-D            |                   | SH            | GNR            |
| <i>Pachysandra procumbens</i>                            | Allegheny Spurge                 | E               |                   | S1            | G4G5           |
| <i>Packera crawfordii</i>                                | Bog Ragwort                      | E               |                   | S1            | G2             |
| <i>Packera millefolium</i>                               | Divided-leaf Ragwort             | SC-V            |                   | S2            | G3             |
| <i>Packera paupercula</i> var. <i>appalachiana</i>       | Prairie Ragwort                  | T               |                   | S1            | G5TNR          |
| <i>Packera paupercula</i> var. <i>paupercula</i>         | Balsam Ragwort                   | SC-V            |                   | S1?           | G5             |
| <i>Packera schweinitziana</i>                            | Schweinitz's Ragwort             | T               |                   | S2            | G5?            |
| <i>Packera serpenticola</i>                              | Buck Creek Ragwort               | T               |                   | S1            | G1             |
| <i>Palustricodon aparinoides</i> var. <i>aparinoides</i> | Marsh Bellflower                 | T               |                   | S2            | G5TNR          |
| <i>Panax quinquefolius</i>                               | Ginseng                          | W1              |                   | S3S4          | G3G4           |
| <i>Panicum dichotomiflorum</i> var. <i>puritanorum</i>   | Puritan Panic Grass              | SR-P            |                   | S1            | G5T4           |
| <i>Panicum flexile</i>                                   | Wiry Panic Grass                 | T               |                   | S1            | G5             |
| <i>Panicum philadelphicum</i> ssp. <i>lithophilum</i>    | Flatrock Panic Grass             | SR-T            |                   | S1            | G2G3Q          |
| <i>Panicum tenerum</i>                                   | Southeastern Panic Grass         | W1              |                   | S3            | G4             |
| <i>Parietaria pensylvanica</i>                           | Pennsylvania Pellitory           | W7              |                   | S2            | G5             |
| <i>Parietaria praetermissa</i>                           | Large-seed Pellitory             | SR-P            |                   | S1            | G3G4           |
| <i>Parnassia caroliniana</i>                             | Carolina Grass-of-Parnassus      | T               |                   | S2            | G3             |
| <i>Parnassia grandifolia</i>                             | Bigleaf Grass-of-Parnassus       | T               |                   | S2            | G3             |
| <i>Paronychia baldwinii</i> ssp. <i>baldwinii</i>        | Annual Dune Whitlow-Wort         | W7              |                   | S1S3          | G5T4           |
| <i>Paronychia baldwinii</i> ssp. <i>riparia</i>          | Perennial Dune Whitlow-wort      | W7              |                   | S1S3          | G5T4           |
| <i>Paronychia fastigiata</i> var. <i>fastigiata</i>      | Forked Whitlow-wort              | W7              |                   | S1S2          | G5T5           |
| <i>Paronychia herniarioides</i>                          | Michaux's Whitlow-wort           | E               |                   | S1            | G2G4           |
| <i>Paronychia montana</i>                                | Mountain Nailwort                | W7              |                   | S1?           | G4             |
| <i>Parthenium auriculatum</i>                            | Glade Wild Quinine               | SR-T            |                   | S3            | G3G4           |
| <i>Parthenium integrifolium</i> var. <i>mabryanum</i>    | Mabry's Wild Quinine             | W1              |                   | S3            | G5T3           |
| <i>Parthenocissus inserta</i>                            | Thicket Creeper                  | SR-P            |                   | S1            | G5             |
| <i>Paspalum bifidum</i>                                  | Pitchfork Crown Grass            | W1              |                   | S3            | G5             |
| <i>Paspalum dissectum</i>                                | Mudbank Crown Grass              | E               |                   | S2            | G4?            |
| <i>Paspalum fluitans</i>                                 | Horsetail Crown Grass            | SR-P            |                   | S1            | G5             |
| <i>Paspalum praecox</i>                                  | Early Crown Grass                | W1              |                   | S2S3          | G4             |
| <i>Paspalum pubiflorum</i> var. <i>glabrum</i>           | Hairy-seed Crown Grass           | W7              |                   | S1?           | G5T5           |
| <i>Paspalum vaginatum</i>                                | Seashore Crown Grass             | SR-P            |                   | S2            | G5             |
| <i>Pedicularis lanceolata</i>                            | Swamp Lousewort                  | T               |                   | S1            | G5             |
| <i>Pediomelum canescens</i>                              | Buckroot                         | W1              |                   | S3            | G4             |

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| <b>Vascular Plants</b>                         |                                 |              |                |            |             |
| <i>Pellaea atropurpurea</i>                    | Purple-stem Cliff-brake         | W1           |                | S3         | G5          |
| <i>Pellaea wrightiana</i>                      | Wright's Cliff-brake            | E            |                | S1         | G5          |
| <i>Peltandra sagittifolia</i>                  | Spoonflower                     | SR-P         |                | S2S3       | G3G4        |
| <i>Persea borbonia</i>                         | Upland Red Bay                  | W7           |                | S2         | G5          |
| <i>Persicaria amphibia</i>                     | Water Smartweed                 | SR-P         |                | S1         | G5          |
| <i>Persicaria densiflora</i>                   | Dense-flower Smartweed          | W1           |                | S3         | G5          |
| <i>Persicaria hirsuta</i>                      | Hairy Smartweed                 | E            |                | S1         | G3G4        |
| <i>Phacelia covillei</i>                       | Buttercup Phacelia              | SR-T         |                | S3         | G3          |
| <i>Phacelia maculata</i>                       | Spotted Phacelia                | E            |                | S1         | G3G4        |
| <i>Phanopyrum gymnocarpon</i>                  | Swamp Panic Grass               | SR-O         |                | S2         | G5          |
| <i>Phaseolus sinuatus</i>                      | Sandhills Bean                  | W1           |                | S3         | G5T3?       |
| <i>Phegopteris connectilis</i>                 | Northern Beech Fern             | E            |                | S2         | G5          |
| <i>Phemeranthus piedmontanus</i>               | Piedmont Fameflower             | E            |                | S1         | G1          |
| <i>Philadelphus hirsutus</i>                   | Hairy Mock-orange               | W1           |                | S2         | G5          |
| <i>Philadelphus inodorus</i>                   | Scentless Mock-orange           | W1           |                | S3         | G4G5        |
| <i>Phlox amplifolia</i>                        | Largeleaf Phlox                 | W1           |                | S2         | G3G5        |
| <i>Phlox divaricata</i> var. <i>divaricata</i> | Wild Blue Phlox                 | W1           |                | S3         | G5T3T5      |
| <i>Phlox subulata</i>                          | Moss Pink                       | SR-P         |                | S1         | G5          |
| <i>Phragmites americanus</i>                   | American Reed                   | W7           |                | S1?        | G5T5        |
| <i>Physalis lanceolata</i>                     | Sandhill Ground Cherry          | W1           |                | S2?        | G3          |
| <i>Phytolacca rigida</i>                       | Maritime Pokeweed               | W1           |                | S2         | G5T5        |
| <i>Pieris floribunda</i>                       | Fetterbush                      | W1           |                | S2S3       | G4          |
| <i>Pinguicula lutea</i>                        | Yellow Butterwort               | SC-V         |                | S1         | G4G5        |
| <i>Pinguicula pumila</i>                       | Small Butterwort                | T            |                | S2         | G4          |
| <i>Pityopsis graminifolia</i>                  | Narrow-leaf Silkgrass           | E            |                | S1         | G5T4        |
| <i>Pityopsis microcephala</i>                  | Small-headed Goldenaster        | W7           |                | S2S3       | G5T5?       |
| <i>Plantago cordata</i>                        | Heart-leaf Plantain             | E            |                | S1         | G4          |
| <i>Plantago sparsiflora</i>                    | Pineland Plantain               | T            |                | S1S2       | G3          |
| <i>Platanthera blephariglottis</i>             | Small White-fringed Orchid      | W7           |                | S2         | G5          |
| <i>Platanthera conspicua</i>                   | Large White Fringed Orchid      | W7           |                | S2S4       | G5T4        |
| <i>Platanthera grandiflora</i>                 | Large Purple-fringed Orchid     | SR-P         |                | S2         | G5          |
| <i>Platanthera herbiola</i>                    | Northern Rein Orchid            | SC-V         |                | S1S2       | G4?T4Q      |
| <i>Platanthera integra</i>                     | Yellow Fringeless Orchid        | T            |                | S1         | G3G4        |
| <i>Platanthera integrilabia</i>                | White Fringeless Orchid         | SC-H         | T              | SH         | G2G3        |
| <i>Platanthera nivea</i>                       | Snowy Orchid                    | E            |                | SH         | G3G4        |
| <i>Platanthera peramoena</i>                   | Purple Fringeless Orchid        | T            |                | S2         | G5          |
| <i>Platanthera shriveri</i>                    | Shriver's Purple Fringed Orchid | E            |                | S1         | G1          |
| <i>Poa paludigena</i>                          | Bog Bluegrass                   | SR-T         |                | S1         | G3G4        |
| <i>Poa palustris</i>                           | Swamp Bluegrass                 | SR-P         |                | S1         | G5          |
| <i>Poa saltuensis</i>                          | A Bluegrass                     | T            |                | S1         | G5          |
| <i>Polemonium reptans</i> var. <i>reptans</i>  | Jacob's Ladder                  | T            |                | S1         | G5T5        |
| <i>Polygala hookeri</i>                        | Hooker's Milkwort               | SC-V         |                | S2S3       | G3          |
| <i>Polygala nana</i>                           | Dwarf Milkwort                  | SR-D         |                | SH         | G5          |
| <i>Polygala senega</i>                         | Seneca Snakeroot                | SC-V         |                | S2         | G4G5        |
| <i>Polygonella articulata</i>                  | Coast Jointweed                 | SC-H         |                | SH         | G5          |
| <i>Polygonum erectum</i>                       | Erect Knotweed                  | W7           |                | S1S2       | G5          |
| <i>Polygonum glaucum</i>                       | Seabeach Knotweed               | E            |                | S1         | G3          |
| <i>Polygonum prolificum</i>                    | Bushy Knotweed                  | W7           |                | S1?        | G5T4T5      |
| <i>Polymnia canadensis</i>                     | Canada Leaf-cup                 | W7           |                | S2         | G5          |
| <i>Ponthieva racemosa</i>                      | Shadow-witch                    | T            |                | S2         | G5          |
| <i>Populus grandidentata</i>                   | Bigtooth Aspen                  | W7           |                | S2         | G5          |
| <i>Portulaca smallii</i>                       | Small's Portulaca               | T            |                | S2         | G3          |

| SCIENTIFIC NAME                                         | COMMON NAME                       | STATE STATUS | FEDERAL STATUS | STATE RANK | GLOBAL RANK |
|---------------------------------------------------------|-----------------------------------|--------------|----------------|------------|-------------|
| <b>Vascular Plants</b>                                  |                                   |              |                |            |             |
| <i>Potamogeton amplifolius</i>                          | Largeleaf Pondweed                | SR-D         |                | S1         | G5          |
| <i>Potamogeton confervoides</i>                         | Conferva Pondweed                 | SR-D         |                | S2         | G5          |
| <i>Potamogeton foliosus</i> var. <i>foliosus</i>        | Leafy Pondweed                    | W1           |                | S2         | G5T5        |
| <i>Potamogeton illinoensis</i>                          | Illinois Pondweed                 | E            |                | S1         | G5          |
| <i>Potamogeton nodosus</i>                              | American Pondweed                 | SR-D         |                | S1         | G5          |
| <i>Primula meadia</i>                                   | Shooting-star                     | SC-V         |                | S2S3       | G5          |
| <i>Prunus alleghaniensis</i> var. <i>alleghaniensis</i> | Allegheny Plum                    | SR-T         |                | S1         | G4T4        |
| <i>Prunus nigra</i>                                     | Canada Plum                       | W7           |                | S1?        | G4G5        |
| <i>Prunus susquehannae</i>                              | Susquehanna Cherry                | SR-P         |                | SH         | G5T4T5      |
| <i>Prunus umbellata</i>                                 | Hog Plum                          | W7           |                | S2         | G5          |
| <i>Prunus virginiana</i> var. <i>virginiana</i>         | Choke Cherry                      | W7           |                | S2         | G5T5        |
| <i>Pseudognaphalium helleri</i>                         | Heller's Rabbit-Tobacco           | E            |                | S2S3       | G4G5T3T4    |
| <i>Pseudognaphalium micradenium</i>                     | Small Rabbit-Tobacco              | SR-T         |                | S1         | G4G5T3?     |
| <i>Ptilimnium ahlesii</i>                               | Carolina Bishopweed               | SR-T         |                | S1         | G1          |
| <i>Ptilimnium costatum</i>                              | Ribbed Bishop-weed                | T            |                | S1         | GNR         |
| <i>Ptilimnium nodosum</i>                               | Harperella                        | E            | E              | S1         | G2          |
| <i>Pycnanthemum clinopodioides</i>                      | Basil Mountain-mint               | W7           |                | S1?        | G1G2        |
| <i>Pycnanthemum curvipes</i>                            | Tennessee Mountain-mint           | SR-T         |                | S1         | G3          |
| <i>Pycnanthemum setosum</i>                             | Awed Mountain-mint                | SR-T         |                | S2         | G4          |
| <i>Pycnanthemum torreyi</i>                             | Torrey's Mountain-mint            | SR-T         |                | S1         | G2          |
| <i>Pycnanthemum virginianum</i>                         | Virginia Mountain-mint            | SR-P         |                | S1?        | G5          |
| <i>Pyrola americana</i>                                 | American Shinleaf                 | W1           |                | S2S3       | G5          |
| <i>Pyrola elliptica</i>                                 | Elliptic Shinleaf                 | T            |                | S1         | G5          |
| <i>Pyxidanthra barbulata</i> var. <i>brevifolia</i>     | Sandhills Pyxie-moss              | T            |                | S2         | G3          |
| <i>Quercus austrina</i>                                 | Bluff Oak                         | SR-P         |                | S1         | G4?         |
| <i>Quercus bicolor</i>                                  | Swamp White Oak                   | W1           |                | S2         | G5          |
| <i>Quercus elliotii</i>                                 | Running Oak                       | E            |                | S2         | G3G5        |
| <i>Quercus georgiana</i>                                | Georgia Oak                       | SR-P         |                | S1         | G3          |
| <i>Quercus ilicifolia</i>                               | Bear Oak                          | E            |                | S2         | G5          |
| <i>Quercus minima</i>                                   | Dwarf Live Oak                    | E            |                | S1         | G5          |
| <i>Quercus muehlenbergii</i>                            | Chinquapin Oak                    | W1           |                | S2         | G5          |
| <i>Quercus palustris</i>                                | Pin Oak                           | W1           |                | S2         | G5          |
| <i>Quercus prinoides</i>                                | Dwarf Chinquapin Oak              | E            |                | S1         | G5          |
| <i>Ranunculus allegheniensis</i>                        | Allegheny Mountain Buttercup      | W7           |                | S2         | G4G5        |
| <i>Ranunculus ambigens</i>                              | Water-plantain Spearwort          | SC-H         |                | SH         | G4          |
| <i>Ranunculus fascicularis</i>                          | Thick-root Buttercup              | SR-P         |                | S1         | G5          |
| <i>Ranunculus flabellaris</i>                           | Yellow Water-crowfoot             | SR-P         |                | S1         | G5          |
| <i>Ranunculus hederaceus</i>                            | Ivy Buttercup                     | T            |                | S1         | G5          |
| <i>Ranunculus laxicaulis</i>                            | Swamp Buttercup                   | W7           |                | S2         | G5?         |
| <i>Ranunculus micranthus</i>                            | Rock Buttercup                    | SR-P         |                | S1         | G5          |
| <i>Rhexia aristosa</i>                                  | Awed Meadow-beauty                | SC-V         |                | S3         | G3G4        |
| <i>Rhexia cubensis</i>                                  | West Indies Meadow-beauty         | W1           |                | S3         | G4G5        |
| <i>Rhodiola rosea</i>                                   | Roseroot                          | E            |                | SH         | G5          |
| <i>Rhododendron cumberlandense</i>                      | Cumberland Azalea                 | SR-P         |                | S1         | G4?         |
| <i>Rhododendron prinophyllum</i>                        | Election Pink                     | T            |                | S1         | G5          |
| <i>Rhododendron smokianum</i>                           | Great Smoky Mountain Rhododendron | SR-T         |                | S1         | G2G3        |
| <i>Rhododendron vaseyi</i>                              | Pink-shell Azalea                 | SR-L         |                | S3         | G3          |
| <i>Rhus michauxii</i>                                   | Michaux's Sumac                   | E            | E              | S2         | G2G3        |
| <i>Rhynchospora alba</i>                                | Northern White Beaksedge          | SR-P         |                | S2         | G5          |
| <i>Rhynchospora careyana</i>                            | Carey's Beaksedge                 | W1           |                | S2         | G4?Q        |
| <i>Rhynchospora cephalantha</i> var. <i>attenuata</i>   | Small Bunched Beaksedge           | W1           |                | S3         | G5T3?       |
| <i>Rhynchospora compressa</i>                           | Flatfruit Beaksedge               | W7           |                | S1         | G4          |

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| <b>Vascular Plants</b>                          |                                   |              |                |            |             |
| <i>Rhynchospora crinipes</i>                    | Alabama Beaksedge                 | T            |                | S1         | G3          |
| <i>Rhynchospora decurrens</i>                   | Swamp Forest Beaksedge            | T            |                | S1S2       | G3G4        |
| <i>Rhynchospora divergens</i>                   | White-seeded Beaksedge            | SR-P         |                | S2         | G4          |
| <i>Rhynchospora galeana</i>                     | Short-bristled Beaksedge          | SR-P         |                | S2S3       | G3?         |
| <i>Rhynchospora harperi</i>                     | Harper's Beaksedge                | SC-V         |                | S2         | G4?         |
| <i>Rhynchospora inundata</i>                    | Narrowfruit Beaksedge             | W1           |                | S3         | G4?         |
| <i>Rhynchospora leptocarpa</i>                  | Brownish Beaksedge                | W1           |                | S3         | G3          |
| <i>Rhynchospora macra</i>                       | Southern White Beaksedge          | T            |                | S2         | G3G4        |
| <i>Rhynchospora microcarpa</i>                  | Southern Beaksedge                | T            |                | S2         | G5          |
| <i>Rhynchospora nitens</i>                      | Shortbeak Beaksedge               | W1           |                | S3         | G4?         |
| <i>Rhynchospora odorata</i>                     | Fragrant Beaksedge                | SC-V         |                | S1         | G4          |
| <i>Rhynchospora oligantha</i>                   | Feather-bristle Beaksedge         | W1           |                | S3         | G4          |
| <i>Rhynchospora pallida</i>                     | Pale Beaksedge                    | W1           |                | S3         | G3          |
| <i>Rhynchospora pinetorum</i>                   | Small's Beaksedge                 | SR-T         |                | S2         | G5?T3T4     |
| <i>Rhynchospora pleiantha</i>                   | Coastal Beaksedge                 | T            |                | S2         | G2G3        |
| <i>Rhynchospora scirpoides</i>                  | Long-beak Beaksedge               | W1           |                | S3         | G4          |
| <i>Rhynchospora</i> sp. 2                       | Croatan Beaksedge                 | W7           |                | S1?        | G1?         |
| <i>Rhynchospora stenophylla</i>                 | Littleleaf Beaksedge              | W1           |                | S3         | G4          |
| <i>Rhynchospora sulcata</i>                     | Grooved Beaksedge                 | SR-P         |                | S1         | G2G4Q       |
| <i>Rhynchospora thornei</i>                     | Thorne's Beaksedge                | SC-V         |                | S2         | G3          |
| <i>Rhynchospora tracyi</i>                      | Tracy's Beaksedge                 | T            |                | S2         | G4          |
| <i>Rhynchospora wrightiana</i>                  | Wright's Beaksedge                | W1           |                | S3         | G5          |
| <i>Robinia hartwigii</i>                        | Hartwig's Locust                  | SR-L         |                | S1S2       | G3T2        |
| <i>Robinia hispida</i> var. <i>fertilis</i>     | Fruitful Locust                   | SR-O         |                | S1         | G4T1T2      |
| <i>Robinia hispida</i> var. <i>kelseyi</i>      | Kelsey's Locust                   | SR-O         |                | S1         | G4T1        |
| <i>Robinia hispida</i> var. <i>rosea</i>        | Boynton's Locust                  | W7           |                | S2?        | G4T3?       |
| <i>Robinia viscosa</i>                          | Clammy Locust                     | SR-T         |                | S1         | G3          |
| <i>Rosa virginiana</i>                          | Virginia Rose                     | SR-P         |                | SH         | G5          |
| <i>Rubus setosus</i>                            | Bristly Blackberry                | W7           |                | S1?        | G4G5        |
| <i>Rubus strigosus</i>                          | Red Raspberry                     | T            |                | S2?        | G5T5        |
| <i>Rudbeckia heliopsisidis</i>                  | Sun-facing Coneflower             | E            |                | S1         | G2          |
| <i>Rudbeckia laciniata</i> var. <i>digitata</i> | Coastal Plain Cutleaf Coneflower  | W7           |                | S2S4       | G5TNR       |
| <i>Rudbeckia laciniata</i> var. <i>humilis</i>  | Blue Ridge Cutleaf Coneflower     | W7           |                | S2?        | G5T3?       |
| <i>Rudbeckia triloba</i> var. <i>beadleii</i>   | Chauncey's Coneflower             | SR-T         |                | S1         | G5TNR       |
| <i>Rudbeckia triloba</i> var. <i>rupestris</i>  | Blue Ridge Three-lobed Coneflower | W7           |                | S1         | G5T3?       |
| <i>Rudbeckia triloba</i> var. <i>triloba</i>    | Common Three-lobed Coneflower     | W7           |                | S2S3       | G5T4T5      |
| <i>Ruellia ciliosa</i>                          | Sandhills Wild-petunia            | T            |                | S2         | G5T3T5      |
| <i>Ruellia humilis</i>                          | Low Wild-petunia                  | T            |                | S1         | G5          |
| <i>Ruellia purshiana</i>                        | Pursh's Wild-petunia              | SC-V         |                | S2         | G3          |
| <i>Ruellia strepens</i>                         | Limestone Wild-petunia            | E            |                | S1         | G4G5        |
| <i>Rugelia nudicaulis</i>                       | Rugel's Ragwort                   | SR-L         |                | S3         | G3          |
| <i>Rumex altissimus</i>                         | Pale Dock                         | W7           |                | S2?        | G5          |
| <i>Sabal palmetto</i>                           | Cabbage Palm                      | T            |                | S1         | G5          |
| <i>Sabatia dodecandra</i>                       | Large Marsh Pink                  | W1           |                | S2S3       | G5?         |
| <i>Sabatia kennedyana</i>                       | Plymouth Gentian                  | T            |                | S2         | G3G4        |
| <i>Sabatia quadrangula</i>                      | Four-angle Sabatia                | W7           |                | S2         | G4G5        |
| <i>Sageretia minutiflora</i>                    | Small-flowered Buckthorn          | T            |                | S1         | G3G4        |
| <i>Sagittaria chapmanii</i>                     | Chapman's Arrowhead               | E            |                | S1         | G3?         |
| <i>Sagittaria engelmanniana</i>                 | Engelmann's Arrowhead             | W1           |                | S2         | G5?         |
| <i>Sagittaria fasciculata</i>                   | Bunched Arrowhead                 | E            | E              | S1         | G2          |
| <i>Sagittaria filiformis</i>                    | Water Arrowhead                   | SR-P         |                | SH         | G4G5        |
| <i>Sagittaria graminea</i>                      | Grassleaf Arrowhead               | W7           |                | S2S3       | G5          |

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| <b>Vascular Plants</b>                                       |                                          |                 |                   |               |                |
| <i>Sagittaria isoetiformis</i>                               | Quillwort Arrowhead                      | T               |                   | S2            | G3             |
| <i>Sagittaria macrocarpa</i>                                 | Streamhead Sagittaria                    | T               |                   | S2            | G2             |
| <i>Sagittaria spatulata</i>                                  | Tidal Sagittaria                         | SR-P            |                   | SH            | G5T4           |
| <i>Sagittaria weatherbiana</i>                               | Grassleaf Arrowhead                      | E               |                   | S2            | G3G4           |
| <i>Salvia azurea</i> var. <i>azurea</i>                      | Azure Sage                               | SR-P            |                   | S2            | G4G5T4?Q       |
| <i>Sarracenia jonesii</i>                                    | Mountain Sweet Pitcherplant              | E               | E                 | S1            | G2             |
| <i>Sarracenia minor</i> var. <i>minor</i>                    | Hooded Pitcherplant                      | E               |                   | S1            | G4T4           |
| <i>Sarracenia oreophila</i>                                  | Green Pitcherplant                       | E               | E                 | S1            | G2             |
| <i>Sarracenia purpurea</i> var. <i>montana</i>               | Southern Appalachian Purple Pitcherplant | E               |                   | S1S2          | G5T1T2         |
| <i>Sceptridium jenmanii</i>                                  | Alabama Grape-fern                       | SC-V            |                   | S2            | G3G4           |
| <i>Sceptridium lunarioides</i>                               | Winter Grape-fern                        | SR-P            |                   | SH            | G4?            |
| <i>Sceptridium multifidum</i>                                | Leathery Grape-fern                      | SR-P            |                   | S1            | G5             |
| <i>Sceptridium oneidense</i>                                 | Blunt-lobed Grape-fern                   | SR-P            |                   | S2            | G4             |
| <i>Schisandra glabra</i>                                     | Magnolia Vine                            | T               |                   | S1            | G3             |
| <i>Schizachyrium littorale</i>                               | Seaside Little Bluestem                  | W1              |                   | S2S3          | G5T5           |
| <i>Schoenoplectus acutus</i> var. <i>acutus</i>              | Hardstem Bulrush                         | SR-P            |                   | SH            | G5T5           |
| <i>Schoenoplectus americanus</i>                             | Olney Threesquare                        | W7              |                   | S1?           | G5             |
| <i>Schoenoplectus etuberculatus</i>                          | Canby's Bulrush                          | SR-P            |                   | S3            | G3G4           |
| <i>Schoenoplectus subterminalis</i>                          | Swaying Bulrush                          | W1              |                   | S3            | G5             |
| <i>Schwalbea americana</i>                                   | Chaffseed                                | E               | E                 | S1            | G2             |
| <i>Scirpus divaricatus</i>                                   | Spreading Bulrush                        | SR-O            |                   | S1S3          | G4             |
| <i>Scirpus flaccidifolius</i>                                | Reclining Bulrush                        | E               |                   | SH            | G2             |
| <i>Scirpus lineatus</i>                                      | Drooping Bulrush                         | T               |                   | S2            | G4             |
| <i>Scirpus pendulus</i>                                      | Rufous Bulrush                           | SR-O            |                   | S1            | G5             |
| <i>Scleria baldwinii</i>                                     | Baldwin's Nutrush                        | T               |                   | S1S2          | G5?            |
| <i>Scleria bellii</i>                                        | Smooth-seeded Hairy Nutrush              | E               |                   | S1            | G2G3           |
| <i>Scleria georgiana</i>                                     | Georgia Nutrush                          | W1              |                   | S3            | G4             |
| <i>Scleria reticularis</i>                                   | Netted Nutrush                           | SC-V            |                   | S2            | G4             |
| <i>Scleria verticillata</i>                                  | Savanna Nutrush                          | SR-P            |                   | S2            | G5             |
| <i>Sclerolepis uniflora</i>                                  | One-flower Hardscale                     | T               |                   | S2            | G4             |
| <i>Scrophularia lanceolata</i>                               | American Figwort                         | SR-P            |                   | S1            | G5             |
| <i>Scutellaria australis</i>                                 | Southern Skullcap                        | E               |                   | SH            | G4T4?          |
| <i>Scutellaria galericulata</i>                              | Hooded Skullcap                          | SC-H            |                   | SH            | G5             |
| <i>Scutellaria incana</i> var. <i>australis</i>              | Mellichamp's Skullcap                    | W7              |                   | SH            | G5TNR          |
| <i>Scutellaria leonardii</i>                                 | Shale-barren Skullcap                    | E               |                   | S2            | G4T4           |
| <i>Scutellaria nervosa</i>                                   | Veined Skullcap                          | E               |                   | S1            | G5             |
| <i>Scutellaria ovata</i> ssp. <i>bracteata</i>               | A Heartleaf Skullcap                     | W7              |                   | S2?           | G5T3T5         |
| <i>Scutellaria ovata</i> ssp. <i>ovata</i> var. <i>ovata</i> | Heartleaf Skullcap                       | W7              |                   | S1            | G5TNR          |
| <i>Scutellaria ovata</i> var. <i>rugosa</i>                  | A Heartleaf Skullcap                     | SR-T            |                   | S1            | G5T4           |
| <i>Scutellaria saxatilis</i>                                 | Rock Skullcap                            | SR-T            |                   | S2            | G3G4           |
| <i>Scutellaria serrata</i>                                   | Showy Skullcap                           | W1              |                   | S2S3          | G4G5           |
| <i>Sedum glaucophyllum</i>                                   | Cliff Stonecrop                          | SR-P            |                   | S2            | G4             |
| <i>Sedum pusillum</i>                                        | Puck's Orpine                            | E               |                   | S1            | G3             |
| <i>Senecio suaveolens</i>                                    | Sweet Indian-plantain                    | E               |                   | S1            | G4             |
| <i>Senna hebecarpa</i>                                       | Wild Senna                               | W7              |                   | S2S3          | G5             |
| <i>Sesuvium maritimum</i>                                    | Slender Sea-purslane                     | E               |                   | S1            | G5             |
| <i>Sesuvium portulacastrum</i>                               | Shoreline Sea-purslane                   | E               |                   | S1            | G5             |
| <i>Seymeria pectinata</i> ssp. <i>pectinata</i>              | Comb Seymeria                            | SC-H            |                   | SH            | G4G5TNR        |
| <i>Shortia brevistyla</i>                                    | Northern Oconee Bells                    | T               |                   | S2            | G2             |
| <i>Shortia galacifolia</i>                                   | Oconee Bells                             | SC-V            |                   | S2            | G2G3           |
| <i>Sida elliotii</i> var. <i>elliotii</i>                    | Coastal Plain Sida                       | SR-P            |                   | S1            | G4G5TNR        |
| <i>Sideroxylon lycioides</i>                                 | Buckthorn Bumelia                        | W1              |                   | S2S3          | G5             |

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| <b>Vascular Plants</b>                              |                                  |                 |                   |               |                |
| <i>Sideroxylon tenax</i>                            | Tough Bumelia                    | T               |                   | S1            | G3?            |
| <i>Silene caroliniana</i> var. <i>caroliniana</i>   | Rock Catchfly                    | W7              |                   | S2S3          | G5T4           |
| <i>Silene caroliniana</i> var. <i>pennsylvanica</i> | Sticky Catchfly                  | W7              |                   | S1S2          | G5T4T5         |
| <i>Silene ovata</i>                                 | Mountain Catchfly                | SC-V            |                   | S3            | G3             |
| <i>Silphium compositum</i> var. <i>venosum</i>      | Georgia Rosinweed                | SR-P            |                   | SH            | G5T3T4         |
| <i>Silphium connatum</i>                            | Virginia Cup-plant               | SC-V            |                   | S2            | G5T3T4         |
| <i>Silphium perfoliatum</i>                         | Northern Cup-plant               | SC-V            |                   | S1            | G5T5?          |
| <i>Silphium terebinthinaceum</i>                    | Prairie Dock                     | SR-P            |                   | S2            | G4G5           |
| <i>Sisyrinchium dichotomum</i>                      | White Irisette                   | E               | E                 | S2            | G2             |
| <i>Smilax hugeri</i>                                | Huger's Carrion-flower           | SR-P            |                   | S3            | G4             |
| <i>Smilax lasioneura</i>                            | Blue Ridge Carrion-flower        | SR-P            |                   | S1            | G5             |
| <i>Smilax pseudochina</i>                           | Long-stalk Greenbrier            | W1              |                   | S3?           | G4G5           |
| <i>Solanum pseudogracile</i>                        | Graceful Nightshade              | SR-T            |                   | S1            | G4             |
| <i>Solidago aestivalis</i>                          | Rough-leaved Goldenrod           | W7              |                   | S1?           | G5T3T5         |
| <i>Solidago arguta</i> var. <i>arguta</i>           | Forest Goldenrod                 | W7              |                   | S2?           | G5T4T5         |
| <i>Solidago gracillima</i>                          | Graceful Goldenrod               | W1              |                   | S3            | G4?            |
| <i>Solidago hispida</i> var. <i>hispida</i>         | Hairy Goldenrod                  | W7              |                   | S1            | G5T5           |
| <i>Solidago lancifolia</i>                          | Lance-leaf Goldenrod             | W7              |                   | S1?           | G2             |
| <i>Solidago leavenworthii</i>                       | Leavenworth's Goldenrod          | E               |                   | S1            | G3G4           |
| <i>Solidago plumosa</i>                             | Yadkin River Goldenrod           | T               |                   | S1            | G1             |
| <i>Solidago ptarmicoides</i>                        | White Prairie Goldenrod          | E               |                   | S1            | G5             |
| <i>Solidago puberula</i>                            | Downy Goldenrod                  | W7              |                   | S2            | G5T4T5         |
| <i>Solidago pulchra</i>                             | Carolina Goldenrod               | W1              |                   | S3            | G3             |
| <i>Solidago radula</i>                              | Western Rough Goldenrod          | E               |                   | S1            | G5?            |
| <i>Solidago salicina</i>                            | Round-leaved Goldenrod           | W1              |                   | S2?           | G5T5           |
| <i>Solidago simulans</i>                            | Granite Dome Goldenrod           | SR-L            |                   | S2            | G2             |
| <i>Solidago spithamea</i>                           | Blue Ridge Goldenrod             | T               | T                 | S2            | G2             |
| <i>Solidago squarrosa</i>                           | Squarrose Goldenrod              | SR-P            |                   | S1            | G4G5           |
| <i>Solidago tarda</i>                               | Atlantic Goldenrod               | SR-O            |                   | S1            | G4?Q           |
| <i>Solidago tortifolia</i>                          | Twisted-leaf Goldenrod           | E               |                   | S1            | G4G5           |
| <i>Solidago uliginosa</i> var. <i>uliginosa</i>     | Bog Goldenrod                    | SR-P            |                   | S1S2          | G5T4T5         |
| <i>Solidago ulmifolia</i> var. <i>ulmifolia</i>     | Elm-leaf Goldenrod               | SR-O            |                   | S1?           | G5T5           |
| <i>Solidago verna</i>                               | Spring-flowering Goldenrod       | T               |                   | S3            | G3             |
| <i>Solidago villosicarpa</i>                        | Coastal Goldenrod                | T               |                   | S1            | G1             |
| <i>Sparganium acaule</i>                            | Greenfruit Bur-reed              | E               |                   | S1            | G5             |
| <i>Spartina pectinata</i>                           | Freshwater Cordgrass             | T               |                   | S1            | G5             |
| <i>Spergularia marina</i>                           | Saltmarsh Sandspurrey            | W7              |                   | S2            | G5             |
| <i>Sphenopholis filiformis</i>                      | Long-leaf Wedgescale             | W1              |                   | S2            | G4             |
| <i>Sphenopholis intermedia</i>                      | Slender Wedgegrass               | W7              |                   | S2            | G5             |
| <i>Spigelia marilandica</i>                         | Pink-root                        | T               |                   | S1            | G4             |
| <i>Spinulum annotinum</i>                           | Stiff Clubmoss                   | SR-P            |                   | S1            | G5             |
| <i>Spiraea alba</i>                                 | Narrow-leaf Meadowsweet          | W1              |                   | S2            | G5             |
| <i>Spiraea corymbosa</i>                            | Shinyleaf Meadowsweet            | E               |                   | S1            | G5T4?          |
| <i>Spiraea latifolia</i>                            | Broadleaf Meadowsweet            | W7              |                   | S2?           | G5T5           |
| <i>Spiraea virginiana</i>                           | Virginia Spiraea                 | T               | T                 | S2            | G2?            |
| <i>Spiranthes eatonii</i>                           | Eaton's Ladies'-tresses          | SR-P            |                   | S2            | G3Q            |
| <i>Spiranthes floridana</i>                         | Florida Ladies'-tresses          | SR-P            |                   | S1            | G1             |
| <i>Spiranthes lacera</i> var. <i>lacera</i>         | Northern Slender Ladies'-tresses | E               |                   | S1            | G5T5           |
| <i>Spiranthes laciniata</i>                         | Lace-lip Ladies'-tresses         | SC-V            |                   | S2            | G4G5           |
| <i>Spiranthes longilabris</i>                       | Giant Spiral Orchid              | E               |                   | S1            | G3             |
| <i>Spiranthes lucida</i>                            | Shining Ladies'-tresses          | E               |                   | S1            | G4             |
| <i>Spiranthes ochroleuca</i>                        | Yellow Ladies'-tresses           | T               |                   | S1            | G4             |

| SCIENTIFIC NAME                                           | COMMON NAME                | STATE<br>STATUS | FEDERAL<br>STATUS | STATE<br>RANK | GLOBAL<br>RANK |
|-----------------------------------------------------------|----------------------------|-----------------|-------------------|---------------|----------------|
| <b>Vascular Plants</b>                                    |                            |                 |                   |               |                |
| <i>Sporobolus heterolepis</i>                             | Prairie Dropseed           | T               |                   | S1            | G5             |
| <i>Sporobolus pinetorum</i>                               | Carolina Dropseed          | W1              |                   | S3            | G3             |
| <i>Sporobolus teretifolius</i>                            | Wireleaf Dropseed          | E               |                   | S1            | G2             |
| <i>Sporobolus virginicus</i>                              | Saltmarsh Dropseed         | T               |                   | S1            | G5             |
| <i>Stachys appalachiana</i>                               | Appalachian Hedge-nettle   | E               |                   | S1            | G1G2           |
| <i>Stachys aspera</i>                                     | Rough Hedge-nettle         | W7              |                   | S2            | G4?            |
| <i>Stachys clingmanii</i>                                 | Clingman's Hedge-nettle    | SR-T            |                   | S2            | G2             |
| <i>Stachys cordata</i>                                    | Heart-leaf Hedge-nettle    | SR-P            |                   | S1            | GNR            |
| <i>Stachys eplingii</i>                                   | Epling's Hedge-nettle      | E               |                   | S1            | G1G2           |
| <i>Stachys hyssopifolia</i> var. <i>hyssopifolia</i>      | Hyssopleaf Hedge-nettle    | W7              |                   | S2            | G5T4T5         |
| <i>Stachys matthewsii</i>                                 | Yadkin Hedge-nettle        | E               |                   | S1            | G1G2           |
| <i>Stachys tenuifolia</i>                                 | Smooth Hedge-nettle        | SR-O            |                   | S1            | G5             |
| <i>Steironema hybridum</i>                                | Lowland Loosestrife        | SR-P            |                   | S2?           | G5             |
| <i>Steironema tonsum</i>                                  | Appalachian Loosestrife    | SR-P            |                   | S2            | G4             |
| <i>Stellaria alsine</i>                                   | Longstalk Starwort         | W1              |                   | S2S3          | G5             |
| <i>Stellaria corei</i>                                    | Core's Starwort            | W1              |                   | S3            | G4             |
| <i>Stenanthium gramineum</i> var. <i>robustum</i>         | Bog Featherbells           | E               |                   | S1            | G4T3           |
| <i>Stenanthium leimanthoides</i>                          | Pinebarren Death-camas     | T               |                   | S1            | G4Q            |
| <i>Stewartia ovata</i>                                    | Mountain Camellia          | SR-P            |                   | S3            | G4             |
| <i>Streptopus amplexifolius</i> var. <i>amplexifolius</i> | White Mandarin             | SR-P            |                   | S1            | G5T5           |
| <i>Stuckenia pectinata</i>                                | Sago Pondweed              | W1              |                   | S2?           | G5             |
| <i>Stylisma aquatica</i>                                  | Water Dawnflower           | E               |                   | S2            | G4             |
| <i>Stylisma pickeringii</i> var. <i>pickeringii</i>       | Pickering's Dawnflower     | SC-V            |                   | S3            | G4T3           |
| <i>Swida asperifolia</i>                                  | Eastern Roughleaf Dogwood  | E               |                   | S1            | G4             |
| <i>Swida racemosa</i>                                     | Gray Dogwood               | SC-V            |                   | S1            | G5             |
| <i>Symphyotrichum concinnum</i>                           | Narrow-leaved Smooth Aster | E               |                   | S2            | G5T4           |
| <i>Symphyotrichum depauperatum</i>                        | Serpentine Aster           | E               |                   | S1            | G2             |
| <i>Symphyotrichum dumosum</i> var. <i>pergracile</i>      | Very Delicate Bushy Aster  | SR-O            |                   | SH            | G5TNR          |
| <i>Symphyotrichum dumosum</i> var. <i>subulifolium</i>    | Subulate Bushy Aster       | SR-O            |                   | S1S2          | G5T3T5         |
| <i>Symphyotrichum elliotii</i>                            | Elliott's Aster            | W1              |                   | S2S3          | G4             |
| <i>Symphyotrichum georgianum</i>                          | Georgia Aster              | T               | C                 | S3            | G3             |
| <i>Symphyotrichum laeve</i>                               | Smooth Blue Aster          | SR-P            |                   | S1S2          | G5T5           |
| <i>Symphyotrichum lanceolatum</i> var. <i>lanceolatum</i> | Panicked Aster             | W7              |                   | S2?           | G5T5           |
| <i>Symphyotrichum novae-angliae</i>                       | New England Aster          | W1              |                   | S3            | G5             |
| <i>Symphyotrichum oblongifolium</i>                       | Aromatic Aster             | T               |                   | S1            | G5             |
| <i>Symphyotrichum pratense</i>                            | Barrens Silky Aster        | SR-P            |                   | S1            | G4?            |
| <i>Symphyotrichum rhiannon</i>                            | Buck Creek Aster           | T               |                   | S1            | G1             |
| <i>Symphyotrichum shortii</i>                             | Short's Aster              | SR-P            |                   | S2            | G5             |
| <i>Symphyotrichum simmondsii</i>                          | Simmonds' Aster            | W1              |                   | S2S3          | G4G5           |
| <i>Synandra hispidula</i>                                 | Synandra                   | T               |                   | S1            | G4             |
| <i>Syngonanthus flavidulus</i>                            | Yellow Hatpins             | W1              |                   | S3            | G5             |
| <i>Taxus canadensis</i>                                   | Canada Yew                 | T               |                   | S1            | G5             |
| <i>Tetragonotheca helianthoides</i>                       | Pineland Squarehead        | W1              |                   | S2S3          | G5             |
| <i>Thalictrum cooleyi</i>                                 | Cooley's Meadowrue         | E               | E                 | S1            | G1             |
| <i>Thalictrum macrostylum</i>                             | Small-leaved Meadowrue     | SC-V            |                   | S2            | G3G4           |
| <i>Thaspium pinnatifidum</i>                              | Mountain Thaspium          | E               |                   | S1            | G2G3           |
| <i>Thermopsis fraxinifolia</i>                            | Ash-leaved Golden-banner   | SC-V            |                   | S2?           | G3?            |
| <i>Thermopsis mollis</i>                                  | Appalachian Golden-banner  | SR-T            |                   | S2            | G3G4           |
| <i>Thermopsis villosa</i>                                 | Aaron's-rod                | SR-T            |                   | S1S2          | G3?            |
| <i>Tiedemannia canbyi</i>                                 | Canby's Dropwort           | E               | E                 | S1?           | G2             |
| <i>Tilia americana</i> var. <i>americana</i>              | American Basswood          | W7              |                   | S1?           | G5T5           |
| <i>Tomostima reptans</i>                                  | Creeping Draba             | SR-P            |                   | SH            | G5             |

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| <b>Vascular Plants</b>                             |                                |              |                |            |             |
| <i>Torreyochloa pallida</i>                        | Pale Mannagrass                | SR-P         |                | S1         | G5          |
| <i>Tradescantia hirsuticaulis</i>                  | Hairy Spiderwort               | W7           |                | S2         | G5          |
| <i>Tradescantia virginiana</i>                     | Virginia Spiderwort            | SR-O         |                | S2S3       | G5          |
| <i>Trepocarpus aethusae</i>                        | White-Nymph                    | W7           |                | S1         | G4G5        |
| <i>Triadenum fraseri</i>                           | Fraser's Marsh St. John's-wort | SR-P         |                | S1?        | G5          |
| <i>Triadenum tubulosum</i>                         | Marsh St. John's-wort          | SR-O         |                | S2         | G4?         |
| <i>Triantha glutinosa</i>                          | Sticky Bog Asphodel            | SC-V         |                | S1         | G5          |
| <i>Trichophorum cespitosum</i>                     | Deerhair Bulrush               | SR-D         |                | S2S3       | G5          |
| <i>Trichostema brachiatum</i>                      | Glade Bluecurls                | E            |                | S1         | G5          |
| <i>Trichostema nesophilum</i>                      | Dune Bluecurls                 | SC-V         |                | S2         | G2          |
| <i>Trichostema setaceum</i>                        | Narrowleaf Bluecurls           | SR-T         |                | S2         | G5          |
| <i>Tridens ambiguus</i>                            | Pineland Triodia               | E            |                | S1         | G4          |
| <i>Tridens carolinianus</i>                        | Carolina Triodia               | W1           |                | S3         | G3G4        |
| <i>Tridens chapmanii</i>                           | Chapman's Redtop               | T            |                | S1S2       | G5T3        |
| <i>Tridens strictus</i>                            | Spike Triodia                  | SC-H         |                | SH         | G5          |
| <i>Trifolium carolinianum</i>                      | Carolina Clover                | SC-H         |                | SH         | G5          |
| <i>Trifolium reflexum</i>                          | Buffalo Clover                 | T            |                | S1S2       | G3G4        |
| <i>Trillium discolor</i>                           | Mottled Trillium               | T            |                | S1         | G3          |
| <i>Trillium flexipes</i>                           | Bent White Trillium            | T            |                | S1         | G5          |
| <i>Trillium pusillum</i> var. 4                    | Carolina Least Trillium        | SR-T         |                | S1         | G3TNR       |
| <i>Trillium pusillum</i> var. 5                    | Dismal Swamp Least Trillium    | SR-T         |                | S1         | G3TNR       |
| <i>Trillium pusillum</i> var. ozarkanum            | Ozark Least Trillium           | E            |                | S1         | G4T3        |
| <i>Trillium pusillum</i> var. pusillum             | Carolina Least Trillium        | E            |                | S1         | G4T3        |
| <i>Trillium pusillum</i> var. virginianum          | Virginia Least Trillium        | E            |                | S1         | G4T3        |
| <i>Trillium recurvatum</i>                         | Recurved Trillium              | T            |                | S1         | G5          |
| <i>Trillium rugelii</i>                            | Southern Nodding Trillium      | W1           |                | S3         | G4          |
| <i>Trillium sessile</i>                            | Sessile-flowered Trillium      | T            |                | S1         | G5          |
| <i>Trillium simile</i>                             | Sweet White Trillium           | SC-V         |                | S2         | G3          |
| <i>Triosteum angustifolium</i> var. angustifolium  | Smooth Lesser Horse-gentian    | W7           |                | S2         | G5T5        |
| <i>Triosteum aurantiacum</i> var. aurantiacum      | Early Horse Gentian            | W7           |                | S2         | G5T5        |
| <i>Triphora trianthophoros</i> var. trianthophoros | Three Birds Orchid             | W1           |                | S2S3       | G4?T4?      |
| <i>Turritis glabra</i>                             | Tower Mustard                  | E            |                | S1         | G5          |
| <i>Urtica chamaedryoides</i>                       | Dwarf Stinging Nettle          | T            |                | S2         | G4G5        |
| <i>Utricularia cornuta</i>                         | Horned Bladderwort             | T            |                | S1S2       | G5          |
| <i>Utricularia floridana</i>                       | Florida Bladderwort            | SR-T         |                | SH         | G3G5        |
| <i>Utricularia geminiscapa</i>                     | Two-flowered Bladderwort       | SC-V         |                | S1         | G4G5        |
| <i>Utricularia macrorhiza</i>                      | Greater Bladderwort            | SR-O         |                | S1?        | G5          |
| <i>Utricularia minor</i>                           | Small Bladderwort              | SC-H         |                | SH         | G5          |
| <i>Utricularia olivacea</i>                        | Dwarf Bladderwort              | T            |                | S2         | G4          |
| <i>Utricularia resupinata</i>                      | Northeastern Bladderwort       | E            |                | S1         | G4          |
| <i>Vaccinium angustifolium</i>                     | Northern Lowbush Blueberry     | SR-P         |                | S1         | G5          |
| <i>Vaccinium hirsutum</i>                          | Hairy Blueberry                | W1           |                | S3         | G4          |
| <i>Vaccinium macrocarpon</i>                       | Cranberry                      | T            |                | S2         | G5          |
| <i>Vaccinium virgatum</i>                          | Small-flower Blueberry         | W7           |                | S1S2       | G4          |
| <i>Valerianella umbilicata</i>                     | Woodland Cornsalad             | W7           |                | S2?        | G4G5        |
| <i>Vandenboschia boschiana</i>                     | Appalachian Filmy-fern         | E            |                | S1         | G4          |
| <i>Verbena hastata</i>                             | Blue Vervain                   | W7           |                | S2S3       | G5          |
| <i>Verbena scabra</i>                              | Sandpaper Vervain              | W7           |                | S2?        | G5          |
| <i>Verbesina virginica</i> var. virginica          | Frostweed                      | W7           |                | S2?        | G5?T5?      |
| <i>Verbesina walteri</i>                           | Walter's Crownbeard            | SR-T         |                | S1         | G4          |
| <i>Veronica americana</i>                          | American Speedwell             | T            |                | S1         | G5          |
| <i>Veronica anagallis-aquatica</i>                 | Water Speedwell                | SR-O         |                | S1         | G5          |

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|----------------------------------------------------------|----------------------------------|--------------|----------------|------------|-------------|
| <b>Vascular Plants</b>                                   |                                  |              |                |            |             |
| <i>Veronicastrum virginicum</i>                          | Culver's-root                    | W7           |                | S2?        | G4          |
| <i>Viola appalachensis</i>                               | Appalachian Violet               | SR-T         |                | S2         | G4          |
| <i>Viola brittoniana</i>                                 | Northern Coastal Violet          | W7           |                | S2?        | G4G5        |
| <i>Viola glaberrima</i>                                  | Smooth Violet                    | W7           |                | S1S3       | G5T3?       |
| <i>Viola labradorica</i>                                 | Alpine Violet                    | W7           |                | S2?        | G5          |
| <i>Viola tripartita</i>                                  | Three-parted Violet              | W7           |                | S1         | G5          |
| <i>Viola villosa</i>                                     | Carolina Violet                  | W7           |                | S2         | G5          |
| <i>Viola walteri</i>                                     | Prostrate Blue Violet            | SR-P         |                | S1         | G5          |
| <i>Waldsteinia lobata</i>                                | Lobed Barren Strawberry          | E            |                | S1         | G3          |
| <i>Warea cuneifolia</i>                                  | Carolina Pineland-cress          | E            |                | SH         | G3          |
| <i>Woodsia appalachiana</i>                              | Appalachian Cliff Fern           | SR-P         |                | S2         | G4          |
| <i>Woodsia ilvensis</i>                                  | Rusty Cliff Fern                 | E            |                | S1         | G5          |
| <i>Xyris brevifolia</i>                                  | Shortleaf Yellow-eyed-grass      | W1           |                | S3         | G4G5        |
| <i>Xyris chapmanii</i>                                   | Chapman's Yellow-eyed-grass      | SR-D         |                | S3         | G3          |
| <i>Xyris flabelliformis</i>                              | Savanna Yellow-eyed-grass        | W1           |                | S3         | G4          |
| <i>Xyris floridana</i>                                   | Florida Yellow-eyed-grass        | SC-V         |                | S1         | G5T4T5      |
| <i>Xyris iridifolia</i>                                  | Iris-leaf Yellow-eyed-grass      | W7           |                | S2         | G4G5T4T5    |
| <i>Xyris scabrifolia</i>                                 | Harper's Yellow-eyed-grass       | SC-V         |                | S2S3       | G3          |
| <i>Xyris serotina</i>                                    | Acid-swamp Yellow-eyed-grass     | SC-H         |                | SH         | G3G4        |
| <i>Xyris smalliana</i>                                   | Small's Yellow-eyed-grass        | W1           |                | S3         | G5          |
| <i>Xyris stricta</i>                                     | Pineland Yellow-eyed-grass       | E            |                | S1         | G4          |
| <i>Yucca aloifolia</i>                                   | Aloe Yucca                       | W1           |                | S2?        | G5          |
| <i>Yucca flaccida</i>                                    | Weakleaf Yucca                   | W7           |                | S1?        | G5          |
| <i>Yucca gloriosa</i>                                    | Moundlily Yucca                  | SR-P         |                | S2?        | G4?         |
| <i>Zannichellia palustris</i>                            | Horned Pondweed                  | W7           |                | S2?        | G5          |
| <i>Zephyranthes simpsonii</i>                            | Rain Lily                        | E            |                | S1         | G2G3        |
| <i>Zizania aquatica</i> var. <i>aquatica</i>             | Indian Wild Rice                 | W7           |                | S2         | G5T5        |
| <b>Mosses</b>                                            |                                  |              |                |            |             |
| <i>Amblystegium humile</i>                               | A Thin-net Moss                  | W7           |                | S2?        | G5T5        |
| <i>Amphidium mougeotii</i>                               | Mougeot's Yoke Moss              | W7           |                | S2?        | G5          |
| <i>Anacamptodon splachnoides</i>                         | Knothole Moss                    | W7           |                | S2?        | G3G5        |
| <i>Andreaea rothii</i>                                   | Roth's andreaea moss             | W7           |                | S2?        | G5          |
| <i>Andreaea rupestris</i>                                | Rock Split Moss                  | W1           |                | S2?        | G5          |
| <i>Anomobryum julaceum</i>                               | Common Silver Moss               | W7           |                | SH         | G5          |
| <i>Aphanorrhegma serratum</i>                            | A Moss                           | SR-O         |                | SH         | G4G5        |
| <i>Archidium donnellii</i>                               | Donnell's Archidium              | SR-O         |                | S1         | G3G5        |
| <i>Archidium ohioense</i>                                | Tokyo Soil Moss                  | W7           |                | SH         | G4G5        |
| <i>Archidium tenerrimum</i>                              | An Earth Moss                    | SR-O         |                | SH         | G5?         |
| <i>Atrichum altecristatum</i>                            | A Catherinea Moss                | W7           |                | S2?        | G5          |
| <i>Atrichum cylindricum</i>                              | A Catherinea Moss                | W7           |                | S2?        | G5          |
| <i>Atrichum tenellum</i>                                 | A Catharinea Moss                | W7           |                | S1?        | G4G5        |
| <i>Barbula indica</i> var. <i>indica</i>                 | Small Twist Teeth Moss           | W7           |                | S2?        | G5?T5?      |
| <i>Bellibarbula recurva</i>                              | Recurved bryoerythrophyllum moss | SR-P         |                | S1?        | G3G5        |
| <i>Blindia acuta</i>                                     | Sharp-pointed Weissia            | W7           |                | S2?        | G5          |
| <i>Brachelyma subulatum</i>                              | A Moss                           | W7           |                | S2?        | G4G5        |
| <i>Brachydontium trichodes</i>                           | Peak Moss                        | SR-D         |                | S1         | G2G4        |
| <i>Brachymenium systylium</i>                            | Mexican Melon-moss               | SR-D         |                | S1         | G5          |
| <i>Brachytheciastrum velutinum</i>                       | Velvet Moss                      | W7           |                | S1?        | G5          |
| <i>Brachythecium acuminatum</i> var. <i>cyrtophyllum</i> | Acuminate Brachythecium          | W7           |                | S2?        | G5TNR       |
| <i>Brachythecium oedipodium</i>                          | Sprawling Grass Moss             | W7           |                | S2?        | G5          |
| <i>Brachythecium reflexum</i>                            | Reflexed Feather Moss            | W7           |                | S2?        | G5          |

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| <b>Mosses</b>                                       |                                    |              |                |            |             |
| <i>Brachythecium rotaeanum</i>                      | Rota's Feather Moss                | SR-D         |                | S1         | G5          |
| <i>Brachythecium rutabulum</i>                      | Rough-stalked Feather Moss         | W7           |                | S2?        | G5          |
| <i>Brachythecium salebrosum</i>                     | Smooth-stalked Yellow Feather Moss | W7           |                | S2?        | G5          |
| <i>Brothera leana</i>                               | Boar Moss                          | W7           |                | S2?        | G3G4        |
| <i>Bruchia brevifolia</i>                           | A Pygmy Moss                       | SR-T         |                | S1?        | G3G4        |
| <i>Bruchia carolinae</i>                            | A Pygmy Moss                       | SR-L         |                | S1?        | G3?         |
| <i>Bruchia fusca</i>                                | A Pygmy Moss                       | SR-T         |                | SH         | G1?         |
| <i>Bruchia hallii</i>                               | A Pygmy Moss                       | SR-T         |                | SH         | G2          |
| <i>Bruchia ravenelii</i>                            | A Pygmy Moss                       | W7           |                | SH         | G3?         |
| <i>Bruchia texana</i>                               | Texas Bruchia Moss                 | W7           |                | SH         | G3G5        |
| <i>Bryhnia novae-angliae</i>                        | Arrowhead Moss                     | W1           |                | S2?        | G5          |
| <i>Bryocrumia vivicolor</i>                         | Gorge Moss                         | SR-T         |                | SH         | G1G2        |
| <i>Bryoerythrophyllum ferruginascens</i>            | Rust Foot Moss                     | SR-D         |                | S1         | G3G4        |
| <i>Bryoerythrophyllum inaequalifolium</i>           | A Foot Moss                        | SR-D         |                | S1         | G4?         |
| <i>Bryoerythrophyllum recurvirostrum</i>            | A Red Foot Moss                    | W7           |                | S2?        | G5          |
| <i>Bryoxiphium norvegicum</i>                       | Sword Moss                         | SR-O         |                | S1         | G5?         |
| <i>Bryum limbatum</i>                               | A Moss                             | SR-D         |                | S1?        | G5?         |
| <i>Bryum riparium</i>                               | Riverside Bryum                    | SR-D         |                | SH         | G2G4        |
| <i>Buxbaumia aphylla</i>                            | Bug-on-a-stick                     | SR-O         |                | SH         | G5          |
| <i>Buxbaumia minakatae</i>                          | Hump-backed Elves                  | SR-T         |                | SH         | G2G4        |
| <i>Campylium stellatum</i>                          | Yellow Starry Fen Moss             | SC-V         |                | S1         | G5          |
| <i>Campylopus atrovirens</i> var. <i>atrovirens</i> | Black Fish Hook Moss               | SR-D         |                | S1?        | G4G5TNR     |
| <i>Campylopus carolinae</i>                         | Savanna Campylopus                 | SR-T         |                | S1S2       | G2          |
| <i>Campylopus oerstedianus</i>                      | Oersted's Campylopus               | SR-D         |                | S1         | G2G3        |
| <i>Campylopus paradoxus</i>                         | Paradoxical Campylopus             | SR-D         |                | S1         | G5          |
| <i>Campylostelium saxicola</i>                      | Sandstone Grimmia                  | W7           |                | S2?        | G3G5        |
| <i>Cirriphyllum piliferum</i>                       | Long Leaf Mustache Moss            | SR-P         |                | S1         | G5          |
| <i>Cleistocarpidium palustre</i>                    | Phascum moss                       | SR-D         |                | S1         | G5?         |
| <i>Coscinodon cribrus</i>                           | Copper Grimmia                     | SR-T         |                | S1         | G3G4        |
| <i>Cryphaea nervosa</i>                             | A Thread Cedar Moss                | SR-T         |                | S1?        | G4?         |
| <i>Cryphaea ravenelii</i>                           | A Thread Cedar Moss                | W7           |                | S2?        | G3?         |
| <i>Cynodontium schisti</i>                          | Cynodontium Moss                   | W7           |                | S1         | G3G5        |
| <i>Cyrto-hypnum pygmaeum</i>                        | Pygmy Cyrto-hypnum Moss            | SR-O         |                | S1?        | G4G5        |
| <i>Dichelyma capillaceum</i>                        | Hair Claw Moss                     | SR-P         |                | S1?        | G5          |
| <i>Dichodontium pellucidum</i>                      | Transparent Fork Moss              | SR-P         |                | S2         | G5          |
| <i>Dicranella rufescens</i>                         | Red Fork Moss                      | SR-O         |                | S1?        | G5?         |
| <i>Dicranella varia</i>                             | Variable Fork Moss                 | SR-O         |                | S1?        | G5          |
| <i>Dicranum bonjeanii</i>                           | Thin-rib Curved-tail Moss          | W7           |                | S2?        | G5          |
| <i>Dicranum fuscescens</i>                          | Fuscos Moss                        | W7           |                | S2?        | G5          |
| <i>Dicranum spurium</i>                             | Rusty Fork Moss                    | W7           |                | S2?        | G5          |
| <i>Dicranum undulatum</i>                           | Bog Broom-moss                     | SR-D         |                | S1         | G5          |
| <i>Didymodon fallax</i>                             | Fallacious Screw Moss              | SR-O         |                | SH         | G5          |
| <i>Didymodon tophaceus</i>                          | Three-ranked Didymodon             | SR-O         |                | S1?        | G5          |
| <i>Diphyscium mucronifolium</i>                     | Grain o'Wheat Moss                 | W7           |                | S1?        | G4          |
| <i>Ditrichum rhynchostegium</i>                     | Ditrichum Moss                     | SR-T         |                | S1?        | G3G5        |
| <i>Elodium paludosum</i>                            | Pond Fern Moss                     | W7           |                | S2?        | G3G5        |
| <i>Encalypta procera</i>                            | Extinguisher Moss                  | SR-D         |                | S1         | G5          |
| <i>Entodon compressus</i>                           | Flattened Entodon                  | SR-P         |                | S1         | G4          |
| <i>Entodon concinnus</i>                            | Lime Entodon                       | SR-P         |                | S1         | G4G5        |
| <i>Entodon sullivantii</i>                          | Sullivant's Entodon                | SR-O         |                | S2         | G3G4        |
| <i>Entosthodon drummondii</i>                       | A Cord Moss                        | W7           |                | SH         | G4G5        |
| <i>Ephemerum cohaerens</i>                          | Northern Short-lived Moss          | SR-T         |                | SH         | G4G5        |

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| <b>Mosses</b>                                  |                                   |              |                |            |             |
| <i>Ephemerum spinulosum</i>                    | Emerald Dewdrops                  | W7           |                | S2?        | G4G5        |
| <i>Eucladium verticillatum</i>                 | Lime-seep Eucladium               | SR-O         |                | S1         | G4          |
| <i>Fabronia ciliaris</i> var. <i>polycarpa</i> | A False Crushed-rice Moss         | W7           |                | S2?        | G5T4T5      |
| <i>Fissidens adianthoides</i>                  | Maiden Hair Moss                  | W7           |                | S1         | G5          |
| <i>Fissidens amoenus</i>                       | Hall's Pocket Moss                | SR-T         |                | S1         | G2          |
| <i>Fissidens appalachensis</i>                 | Appalachian Pocket Moss           | W7           |                | S2S3       | G2G3        |
| <i>Fissidens asplenoides</i>                   | A Plume Moss                      | SR-O         |                | SH         | G3G5        |
| <i>Fissidens elegans</i>                       | A Plume Moss                      | W7           |                | S2?        | G5          |
| <i>Fissidens fontanus</i>                      | Water Pocket Moss                 | W7           |                | S2?        | G5          |
| <i>Fissidens hallianus</i>                     | A Plume Moss                      | SR-O         |                | SH         | GNRQ        |
| <i>Fissidens polypodioides</i>                 | A Moss                            | W7           |                | S2?        | G4G5        |
| <i>Fissidens scalaris</i>                      | A Plume Moss                      | SR-O         |                | SH         | G2?         |
| <i>Fontinalis flaccida</i>                     | A Water Moss                      | W7           |                | S2?        | G4G5        |
| <i>Fontinalis sphagnifolia</i>                 | A Water Moss                      | SR-O         |                | S1?        | G3G5        |
| <i>Fontinalis sullivantii</i>                  | A Water Moss                      | W7           |                | S2?        | G3G5        |
| <i>Fontinalis welchiana</i>                    | Welch's fontinalis moss           | SR-T         |                | S1?        | GU          |
| <i>Funaria serrata</i>                         | A Cord Moss                       | W7           |                | SH         | G4          |
| <i>Grimmia longirostris</i>                    | A Beard Moss                      | SR-D         |                | S1?        | G5          |
| <i>Grimmia olneyi</i>                          | A Beard Moss                      | W7           |                | S2?        | G3G5        |
| <i>Herpetineuron toccoeae</i>                  | Coiled Moss                       | W7           |                | S2?        | G4G5        |
| <i>Herzogiella turfacea</i>                    | Flat Stump Moss                   | SR-P         |                | S1?        | G5          |
| <i>Homalia trichomanoides</i>                  | Lime Homalia                      | SR-P         |                | S1         | G5          |
| <i>Homaliadelphus sharpii</i>                  | Sharp's Homaliadelphus            | SR-P         |                | SH         | G3?         |
| <i>Hygroamblystegium fluviatile</i>            | Brookside Feather Moss            | W7           |                | S2?        | G5          |
| <i>Hygrohypnum closteri</i>                    | Closter's Brook-hypnum            | SR-T         |                | S1         | G3          |
| <i>Hylocomiastrum umbratum</i>                 | Shaded Feather Moss               | SR-P         |                | S1?        | G5          |
| <i>Hypnum fauriei</i>                          | A Cedar Moss                      | W7           |                | S2?        | G5          |
| <i>Hypnum plicatum</i>                         | A Cedar Moss                      | W7           |                | S2?        | G5          |
| <i>Hypnum pratense</i>                         | Meadow Feather Moss               | SR-P         |                | S1?        | G5          |
| <i>Leptodontium excelsum</i>                   | Grandfather Mountain Leptodontium | SR-L         |                | S1         | GNRT2       |
| <i>Leptodontium flexifolium</i>                | Pale-margined Leptodontium        | SR-D         |                | S1         | G5          |
| <i>Leptohymerium sharpii</i>                   | Mount Leconte Moss                | SR-L         |                | S1         | G1          |
| <i>Leskea australis</i>                        | A Dusky Moss                      | W7           |                | S2?        | G4          |
| <i>Leskeella nervosa</i>                       | Common Fine Moss                  | SR-O         |                | SH         | G5          |
| <i>Leucodon andrewsianus</i>                   | Squirrel Tail Moss                | W7           |                | S2?        | G5          |
| <i>Lindbergia brachyptera</i>                  | Lindberg's Maple-moss             | SR-P         |                | S1         | G5          |
| <i>Macrocoma sullivantii</i>                   | Sullivant's Maned-moss            | SR-D         |                | S2         | GNRT3T5     |
| <i>Micromitrium megalosporum</i>               | A Moss                            | W7           |                | S2?        | G4          |
| <i>Micromitrium synoicum</i>                   | A Moss                            | SR-O         |                | S1?        | G4          |
| <i>Neckera complanata</i>                      | Flat Feather Moss                 | SR-O         |                | S1         | G5          |
| <i>Orthodontium pellucens</i>                  | Translucent Orthodontium          | SR-O         |                | S1         | G5          |
| <i>Orthotrichum exiguum</i>                    | Small Wood-bark Moss              | SR-O         |                | SH         | G3?         |
| <i>Orthotrichum keeverae</i>                   | Keever's Bristle-moss             | SR-L         |                | S2         | G2          |
| <i>Orthotrichum obtusifolium</i>               | Blunt Bristle-moss                | SR-P         |                | S1         | G5          |
| <i>Orthotrichum strangulatum</i>               | Drummond Moss                     | SR-P         |                | SH         | G4          |
| <i>Oxyrrhynchium pringlei</i>                  | Pringle's Water Feather Moss      | SR-D         |                | S1         | G2G3        |
| <i>Palamocladium leskeoides</i>                | Palamocladium                     | SR-D         |                | S1         | G3G5        |
| <i>Philonotis cernua</i>                       | Dwarf Apple Moss                  | SR-D         |                | S1         | G4?         |
| <i>Philonotis longiseta</i>                    | An Apple Moss                     | W7           |                | S2?        | G3G4        |
| <i>Philonotis marchica</i>                     | An Apple Moss                     | W7           |                | S2?        | G5          |
| <i>Philonotis uncinata</i>                     | An Apple Moss                     | SR-P         |                | SH         | GNR         |
| <i>Pilosium chlorophyllum</i>                  | A Moss                            | SR-D         |                | S1?        | GNR         |

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| <b>Mosses</b>                        |                                |              |                |            |             |
| <i>Plagiomnium carolinianum</i>      | Carolina Star-moss             | SR-L         |                | S2         | G3          |
| <i>Plagiomnium ellipticum</i>        | Marsh Magnificent Moss         | SR-P         |                | S1?        | G5          |
| <i>Plagiomnium rostratum</i>         | Long-beaked Thread Moss        | SR-P         |                | S1?        | G5          |
| <i>Platydictya confervoides</i>      | Alga-like Matted-moss          | SR-P         |                | S1         | G4G5        |
| <i>Platydictya subtilis</i>          | A Moss                         | W7           |                | S2?        | G5          |
| <i>Platyhypnidium riparioides</i>    | Long-beaked Water Feather Moss | SR-O         |                | S1?        | G4          |
| <i>Pleuridium sullivantii</i>        | A Moss                         | SR-O         |                | SH         | G3G5        |
| <i>Pleurochaete luteola</i>          | Spring-leaved Screw Moss       | SR-O         |                | S1?        | GNR         |
| <i>Pogonatum dentatum</i>            | Hair-like Hair-cap             | SR-P         |                | S1?        | G5          |
| <i>Pohlia lescuriana</i>             | Spherical Bulb Nodding Moss    | SR-T         |                | S1?        | G4G5        |
| <i>Pohlia longicolla</i>             | Long Neck Nodding Moss         | W1           |                | S2?        | G4G5        |
| <i>Pohlia melanodon</i>              | Pink-fruited Thread-moss       | SR-D         |                | S1?        | G4?         |
| <i>Pohlia rabunbaldensis</i>         | A Moss                         | W7           |                | S1         | G1          |
| <i>Polytrichastrum alpinum</i>       | Alpine Hair Moss               | SR-D         |                | S1?        | G5          |
| <i>Polytrichastrum appalachianum</i> | Appalachian Haircap Moss       | W1           |                | S3         | G3          |
| <i>Pterigynandrum filiforme</i>      | Twisted Thread Moss            | W7           |                | S1         | G5          |
| <i>Pylaisia polyantha</i>            | Many-fruited Feather Moss      | W1           |                | S2?        | G5          |
| <i>Racomitrium aciculare</i>         | Dark Mountain Fringe Moss      | SR-P         |                | S1?        | G5          |
| <i>Rauvella scita</i>                | Smaller Fern Moss              | W7           |                | S2?        | G3G5        |
| <i>Rhabdoweisia crenulata</i>        | Himalayan Ribbed-weissia       | SR-D         |                | S1         | G3G5        |
| <i>Rhachithecium perpusillum</i>     | Budding Tortula                | SR-D         |                | S1S2       | G4G5        |
| <i>Rhytidiadelphus subpinnatus</i>   | Subpinnate Gooseneck Moss      | SR-T         |                | S1?        | G5          |
| <i>Rhytidium rugosum</i>             | Golden Tundra-moss             | SR-P         |                | S2         | G5          |
| <i>Rosulabryum andersonii</i>        | Anderson's Melon-moss          | SR-L         |                | SH         | GH          |
| <i>Schlotheimia lancifolia</i>       | Highlands Moss                 | SR-O         |                | S1         | G1          |
| <i>Sciuro-hypnum plumosum</i>        | Rusty Feather Moss             | W7           |                | S2?        | G5          |
| <i>Sciuro-hypnum populeum</i>        | Matted Feather Moss            | SR-P         |                | S1         | G5          |
| <i>Scopelophila cataractae</i>       | Agoyan Cataract Moss           | SR-D         |                | S1         | G3          |
| <i>Scopelophila ligulata</i>         | Copper Moss                    | SR-O         |                | S1         | G5?         |
| <i>Sphagnum angustifolium</i>        | Narrowleaf Peatmoss            | SR-D         |                | S1         | G5          |
| <i>Sphagnum capillifolium</i>        | Northern Peatmoss              | SR-P         |                | S1         | G5          |
| <i>Sphagnum contortum</i>            | Contorted Peatmoss             | T            |                | S1         | G5          |
| <i>Sphagnum cribrosum</i>            | Florida Peatmoss               | W7           |                | S2?        | G3          |
| <i>Sphagnum fallax</i>               | Pretty Peatmoss                | SR-P         |                | S2         | G5          |
| <i>Sphagnum fitzgeraldii</i>         | Fitzgerald's Peatmoss          | W1           |                | S2S3       | G3          |
| <i>Sphagnum flexuosum</i>            | Flexuous Peatmoss              | SR-P         |                | S1         | G5          |
| <i>Sphagnum fuscum</i>               | Brown Peatmoss                 | SR-P         |                | S1         | G5          |
| <i>Sphagnum henryense</i>            | Peatmoss                       | W1           |                | S2S3       | G4?         |
| <i>Sphagnum pylaesii</i>             | Simple Peatmoss                | SR-D         |                | S1         | G4          |
| <i>Sphagnum russowii</i>             | Russow's Peatmoss              | SR-D         |                | S1         | G5          |
| <i>Sphagnum squarrosum</i>           | Squarrose Peatmoss             | SR-P         |                | S1         | G5          |
| <i>Sphagnum subsecundum</i>          | Orange Peatmoss                | SR-P         |                | S1         | G5          |
| <i>Sphagnum subtile</i>              | Peatmoss                       | W1           |                | S3         | G5          |
| <i>Sphagnum tenellum</i>             | Delicate Peatmoss              | SR-D         |                | S1         | G5          |
| <i>Sphagnum torreyanum</i>           | Giant Peatmoss                 | SR-P         |                | S1         | G5          |
| <i>Sphagnum warnstorffii</i>         | Fen Peatmoss                   | SR-D         |                | S1         | G5          |
| <i>Splachnum pensylvanicum</i>       | Southern Dung Moss             | SR-O         |                | SH         | G4?         |
| <i>Syntrichia ammonsiana</i>         | Ammons's Tortula               | SR-O         |                | S1         | G1G3        |
| <i>Syntrichia fragilis</i>           | Fragile Tortula                | SR-D         |                | S1         | G5          |
| <i>Syntrichia papillosa</i>          | Papillose Tortula              | SR-P         |                | S1         | G5          |
| <i>Syrrhopodon incompletus</i>       | Cuban Schliessmund             | SR-P         |                | S1         | G5          |
| <i>Taxiphyllum alternans</i>         | Japanese Yew-moss              | SR-O         |                | S1         | G3?         |

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| <b>Mosses</b>                                                |                      |              |                |            |             |
| <i>Taxiphyllum cuspidifolium</i>                             | A Moss               | SR-T         |                | S1         | G2G4        |
| <i>Tetradontium brownianum</i>                               | Little Georgia       | SR-T         |                | S1         | GNRT3T4     |
| <i>Thuidium alleniorum</i>                                   | Fernmoss             | W7           |                | S2?        | G3G5        |
| <i>Thuidium recognitum</i>                                   | Hokkaido Fern Moss   | W7           |                | S2?        | G5          |
| <i>Tortella flavovirens</i>                                  | Beach Moss           | W7           |                | S3         | G4G5        |
| <i>Tortula plinthobia</i>                                    | A Chain-teeth Moss   | SR-O         |                | S1?        | G4G5        |
| <i>Tuerckheimia svihlae</i>                                  | A Moss               | W7           |                | S2?        | GNR         |
| <i>Warnstorfia fluitans</i>                                  | Floating Sickle-moss | SR-D         |                | S1         | G5          |
| <i>Weissia ludoviciana</i>                                   | A Moss               | SR-T         |                | S1?        | G3G4        |
| <i>Weissia muhlenbergiana</i>                                | A Moss               | W7           |                | S2?        | G5          |
| <i>Weissia sharpii</i>                                       | A Moss               | SR-O         |                | S1?        | G3          |
| <i>Zygodon viridissimus</i> var. 1                           | A Moss               | SR-L         |                | SH         | G5TU        |
| <i>Zygodon viridissimus</i> var. <i>rupestris</i>            | A Moss               | W7           |                | S2?        | G5TNR       |
| <b>Liverworts</b>                                            |                      |              |                |            |             |
| <i>Acrobolbus ciliatus</i>                                   | A Liverwort          | SC-V         |                | S1         | G3?         |
| <i>Aneura sharpii</i>                                        | A Liverwort          | SR-T         |                | S1         | GNR         |
| <i>Barbilophozia barbata</i>                                 | A Liverwort          | SR-D         |                | S1         | G5          |
| <i>Barbilophozia hatcheri</i>                                | A Liverwort          | SR-D         |                | S1         | G5          |
| <i>Bazzania nudicaulis</i>                                   | A Liverwort          | SR-T         |                | S2         | G2G3        |
| <i>Cephalozia pleniceps</i> var. <i>pleniceps</i>            | A Liverwort          | SR-D         |                | SH         | G5T5        |
| <i>Cephaloziella hampeana</i>                                | A Liverwort          | SR-D         |                | S1         | G5          |
| <i>Cephaloziella massalongoi</i>                             | A Liverwort          | W7           |                | S1         | G3G5        |
| <i>Cephaloziella spinicaulis</i>                             | A Liverwort          | SR-P         |                | S1         | G3G4        |
| <i>Cheilolejeunea discoidea</i>                              | A Liverwort          | SR-P         |                | SH         | GU          |
| <i>Cheilolejeunea evansii</i>                                | A Liverwort          | SR-L         |                | S1         | G1G2        |
| <i>Cheilolejeunea rigidula</i>                               | A Liverwort          | SR-P         |                | S2         | G5          |
| <i>Cololejeunea ornata</i>                                   | A Liverwort          | SR-T         |                | SH         | G2G4        |
| <i>Cylindrocolea rhizantha</i>                               | A Liverwort          | SR-P         |                | SH         | G3?         |
| <i>Diplophyllum andrewsii</i>                                | A Liverwort          | W7           |                | S2         | G3          |
| <i>Diplophyllum obtusatum</i>                                | A Liverwort          | SR-D         |                | S1         | G2?         |
| <i>Diplophyllum taxifolium</i> var. <i>mucronatum</i>        | A Liverwort          | SR-L         |                | S1         | G5T1        |
| <i>Diplophyllum taxifolium</i> var. <i>taxifolium</i>        | A Liverwort          | W7           |                | S2?        | G5T5        |
| <i>Drepanolejeunea appalachiana</i>                          | A Liverwort          | SR-T         |                | S1         | G3          |
| <i>Dumortiera hirsuta</i> ssp. <i>nepalensis</i>             | A Liverwort          | W1           |                | S1         | G5T5        |
| <i>Frullania appalachiana</i>                                | A Liverwort          | SR-L         |                | S1?        | G3G4        |
| <i>Frullania donnellii</i>                                   | A Liverwort          | SR-T         |                | SH         | G3?         |
| <i>Frullania oakesiana</i>                                   | A Liverwort          | W7           |                | SH         | G5          |
| <i>Frullania plana</i>                                       | A Liverwort          | W7           |                | S1         | G4          |
| <i>Fuscocephaloziopsis connivens</i> var. <i>bifida</i>      | A Liverwort          | SR-T         |                | S1         | G5T1Q       |
| <i>Fuscocephaloziopsis pleniceps</i> var. <i>caroliniana</i> | A Liverwort          | SR-L         |                | SH         | G5T1        |
| <i>Lejeunea bermudiana</i>                                   | A Liverwort          | SR-P         |                | S1         | G3G4        |
| <i>Lejeunea blomquistii</i>                                  | A Liverwort          | SC-V         |                | S1         | G3          |
| <i>Lejeunea cavifolia</i>                                    | A Liverwort          | SR-P         |                | S1         | G5          |
| <i>Lejeunea glaucescens</i> var. <i>acrogyna</i>             | Raven Rock Liverwort | SR-L         |                | SX         | G5TH        |
| <i>Leptoscyphus cuneifolius</i>                              | A Liverwort          | SR-D         |                | S2         | G4G5T4T5    |
| <i>Lophocolea appalachiana</i>                               | A Liverwort          | SC-V         |                | S1         | G2          |
| <i>Lophocolea muricata</i>                                   | A Liverwort          | SR-D         |                | S1         | G5          |
| <i>Lopholejeunea nigricans</i>                               | A Liverwort          | SR-D         |                | SH         | G4G5        |
| <i>Lophozia excisa</i>                                       | A Liverwort          | SR-D         |                | S1         | G5          |
| <i>Mannia californica</i>                                    | A Liverwort          | SR-T         |                | S1         | G3?         |
| <i>Mannia triandra</i>                                       | A Liverwort          | W7           |                | S1         | G3G4        |

| SCIENTIFIC NAME                                    | COMMON NAME             | STATE STATUS | FEDERAL STATUS | STATE RANK | GLOBAL RANK |
|----------------------------------------------------|-------------------------|--------------|----------------|------------|-------------|
| <b>Liverworts</b>                                  |                         |              |                |            |             |
| <i>Marsupella funckii</i>                          | A Liverwort             | SR-D         |                | S1         | G4G5        |
| <i>Mesoptychia heterocolpos</i>                    | A Liverwort             | SR-D         |                | S1         | G5          |
| <i>Metzgeria consanguinea</i>                      | A Liverwort             | SR-D         |                | S1S2       | G4          |
| <i>Metzgeria pubescens</i>                         | A Liverwort             | W7           |                | SH         | G5          |
| <i>Metzgeria setigera</i>                          | A Liverwort             | W7           |                | SH         | G1          |
| <i>Metzgeria uncigera</i>                          | A Liverwort             | W7           |                | S1         | G3          |
| <i>Metzgeria violacea</i>                          | A Liverwort             | SR-D         |                | S1S2       | G4          |
| <i>Microlejeunea epiphylla</i>                     | A Liverwort             | SR-L         |                | S1         | G2G3        |
| <i>Mylia taylorii</i>                              | A Liverwort             | SR-D         |                | S1         | G5          |
| <i>Nardia scalaris ssp. botryoidea</i>             | A Liverwort             | SR-O         |                | S1         | G5T1        |
| <i>Nardia scalaris ssp. scalaris</i>               | A Liverwort             | SR-D         |                | S1         | G5T5        |
| <i>Neoorthocaulis attenuatus</i>                   | A Liverwort             | W7           |                | S2         | G5          |
| <i>Pellia appalachiana</i>                         | A Liverwort             | W7           |                | S1         | G4          |
| <i>Plagiochasma intermedium</i>                    | A Liverwort             | SR-O         |                | S1         | G3G5        |
| <i>Plagiochasma wrightii</i>                       | A Liverwort             | SR-D         |                | S1         | G3?         |
| <i>Plagiochila austinii</i>                        | A Liverwort             | SR-T         |                | S1S2       | G3          |
| <i>Plagiochila caduciloba</i>                      | A Liverwort             | W1           |                | S3         | G3          |
| <i>Plagiochila echinata</i>                        | A Liverwort             | SR-L         |                | S1         | G2          |
| <i>Plagiochila exigua</i>                          | A Liverwort             | SR-D         |                | S2         | G4?         |
| <i>Plagiochila miradorensis var. miradorensis</i>  | A Liverwort             | SR-P         |                | SH         | G4T4        |
| <i>Plagiochila patula</i>                          | A Liverwort             | SR-P         |                | S1         | G4G5        |
| <i>Plagiochila raddiana</i>                        | A Liverwort             | SR-P         |                | S1         | G5          |
| <i>Plagiochila retrorsa</i>                        | Retorse Leafy Liverwort | W1           |                | S3         | G2G4        |
| <i>Plagiochila sullivantii</i>                     | A Liverwort             | SR-T         |                | S2         | G2          |
| <i>Plagiochila undata</i>                          | A Liverwort             | W7           |                | S2         | G4G5        |
| <i>Plagiochila virginica var. caroliniana</i>      | A Liverwort             | SR-T         |                | S1         | G4T4        |
| <i>Plagiochila virginica var. virginica</i>        | A Liverwort             | SR-L         |                | S1         | G4T3        |
| <i>Porella wataugensis</i>                         | A Liverwort             | SR-L         |                | S1         | G1G2Q       |
| <i>Ptilidium ciliare</i>                           | A Liverwort             | SR-D         |                | S1         | G5          |
| <i>Ptilidium pulcherrimum</i>                      | A Liverwort             | W7           |                | S1         | G5          |
| <i>Radula sullivantii</i>                          | A Liverwort             | W1           |                | S3         | G3          |
| <i>Radula tenax</i>                                | A Liverwort             | W7           |                | S2         | G3G4        |
| <i>Radula voluta</i>                               | A Liverwort             | SR-D         |                | S1         | G3          |
| <i>Reboulia hemisphaerica ssp. dioica</i>          | A Liverwort             | W7           |                | S1         | G5T2?Q      |
| <i>Riccardia jugata</i>                            | A Liverwort             | SR-L         |                | S1?        | G2          |
| <i>Riccia beyrichiana</i>                          | A Liverwort             | W7           |                | S1S2       | G5          |
| <i>Ricciocarpos natans</i>                         | A Liverwort             | W1           |                | S1         | G5          |
| <i>Scapania mucronata</i>                          | A Liverwort             | SR-D         |                | S1         | G5          |
| <i>Sphenolobopsis pearsonii</i>                    | A Liverwort             | SR-O         |                | S2         | G2?         |
| <i>Sphenolobus saxicola</i>                        | A Liverwort             | SR-D         |                | S1         | G3G4        |
| <i>Tritomaria capitata</i>                         | A Liverwort             | W7           |                | S1         | G4          |
| <i>Tritomaria exsectiformis ssp. exsectiformis</i> | A Liverwort             | SR-D         |                | SH         | G5T5        |
| <b>Hornworts</b>                                   |                         |              |                |            |             |
| <i>Aspiromitus adscendens</i>                      | A Hornwort              | W7           |                | S2?        | G3?         |
| <i>Aspiromitus appalachianus</i>                   | A Hornwort              | SR-L         |                | SH         | G1          |
| <i>Nothoceros aenigmaticus</i>                     | A Hornwort              | W1           |                | S3         | G3          |
| <b>Lichens</b>                                     |                         |              |                |            |             |
| <i>Abrothallus hypotrachynae</i>                   | A Lichen                | W7           |                | S1S3       | GNR         |
| <i>Acanthothecis fontana</i>                       | Fontana lichen          | W7           |                | S1         | G1          |
| <i>Acanthothecis leucoxanthoides</i>               | a script lichen         | W7           |                | S1         | GNR         |

| SCIENTIFIC NAME                    | COMMON NAME                         | STATE STATUS | FEDERAL STATUS | STATE RANK | GLOBAL RANK |
|------------------------------------|-------------------------------------|--------------|----------------|------------|-------------|
| <b>Lichens</b>                     |                                     |              |                |            |             |
| <i>Acanthothecis paucispora</i>    | Few-Spored Fissure Lichen           | SR-L         |                | S1         | GNR         |
| <i>Alectoria fallacina</i>         | A Witch's hair lichen               | W7           |                | S1?        | G2          |
| <i>Anzia americana</i>             | American Black-foam Lichen          | SR-T         |                | S1         | G3G5        |
| <i>Anzia ornata</i>                | Ornate Black-foam Lichen            | SR-T         |                | S2         | G1G3        |
| <i>Arthonia cupressina</i>         | Golden Spruce Dots                  | SR-T         |                | S1S2       | GNR         |
| <i>Arthopyrenia betulicola</i>     | Old Birch Spots                     | SR-T         |                | S1S2       | GNR         |
| <i>Arthothelopsis floridensis</i>  | A leaf lichen                       | W7           |                | S1         | GNR         |
| <i>Calicium carolinianum</i>       | Carolina Soot Lichen                | SR-P         |                | SH         | GNR         |
| <i>Cetraria arenaria</i>           | Sand-loving Iceland Lichen          | SC-V         |                | S2         | G4          |
| <i>Cetrelia cetrarioides</i>       | Sea Storm Lichen                    | SR-D         |                | S2         | G4G5        |
| <i>Cladina evansii</i>             | Powder-puff Lichen                  | W7           |                | S2         | G3G5        |
| <i>Cladonia appalachensis</i>      | Appalachian Cupless Cups            | SR-L         |                | SH         | GNR         |
| <i>Cladonia psoromica</i>          | Bluff Mountain Reindeer Lichen      | SR-L         |                | S1         | G1          |
| <i>Cladonia submissis</i>          | Beach Broccoli                      | SR-T         |                | SH         | G4G5        |
| <i>Coniarthonia kermesina</i>      | Hot Dots                            | SR-T         |                | S1         | GNR         |
| <i>Dermiscellum oulocheila</i>     | Catawba dermiscellum                | W7           |                | S1         | GNR         |
| <i>Ephebe americana</i>            | Halloween Hair                      | SR-T         |                | S1         | G2G3        |
| <i>Ephebe lanata</i>               | Woolly Rockshag Lichen              | SR-D         |                | S1         | G5          |
| <i>Ephebe solida</i>               | Solid Rockshag Lichen               | W1           |                | S3         | G3G4        |
| <i>Fellhanera eriniae</i>          | Erin's Fellhanera                   | W7           |                | S1         | G1          |
| <i>Fellhanera hybrida</i>          | Piedmont Crustose Lichen            | W7           |                | S2?        | G2?         |
| <i>Fellhanera montesfumosi</i>     | Smoky Mountain Crustose Lichen      | W7           |                | S1         | G1          |
| <i>Graphis sterlingiana</i>        | Mount Sterling Script Lichen        | W7           |                | S1         | GNR         |
| <i>Gyalectidium appendiculatum</i> | A Leaf Lichen                       | W7           |                | S1?        | GNR         |
| <i>Gymnoderma lineare</i>          | Rock Gnome Lichen                   | E            | E              | S3         | G3          |
| <i>Heterodermia appalachensis</i>  | Appalachian Fringe Lichen           | W1           |                | S2S3       | G2?         |
| <i>Heterodermia erecta</i>         | Erect Centipede Lichen              | SR-T         |                | S1S2       | G1?         |
| <i>Heterodermia pseudospeciosa</i> | Centipede Lichen Gone Fishin'       | W7           |                | S1S2       | G5          |
| <i>Hypotrachyna sinuosa</i>        | Green Loop Lichen                   | SR-D         |                | SH         | G3G5        |
| <i>Hypotrachyna virginica</i>      | Virginia Loop Lichen                | SC-V         |                | S1S2       | G1G2        |
| <i>Lecanora anakeestiicola</i>     | Anakeesta rim-lichen                | SR-L         |                | S1         | GNR         |
| <i>Lecanora masana</i>             | Masa's dots                         | W1           |                | S3         | GNR         |
| <i>Lepra andersoniae</i>           | Glady's Mountain Spikes             | SR-T         |                | S1S2       | GNR         |
| <i>Lepraria lanata</i>             | Appalachian pillows                 | W1           |                | S2S3       | GNR         |
| <i>Lobarina scrobiculata</i>       | Textured Lungwort                   | SR-P         |                | S2?        | G5          |
| <i>Melanelia stygia</i>            | Alpine Camouflage Lichen            | SR-D         |                | S2S3       | G5          |
| <i>Micareopsis irriguata</i>       | Irrigated Rock Lichen               | W7           |                | S2         | GNR         |
| <i>Mycoporum biseptatum</i>        | Forney Flecks                       | W7           |                | SNR        | GNR         |
| <i>Opegrapha moroziana</i>         | Moroziana's Scribble Lichen         | W7           |                | SH         | G1?         |
| <i>Pannaria conoplea</i>           | Mealy-rimmed Shingle Lichen         | SR-D         |                | S1         | G4G5        |
| <i>Phaeographis oricola</i>        | Carolina Beach Drops                | W7           |                | S1S2       | GNR         |
| <i>Physcia pseudospeciosa</i>      | Celebration Day Rosette Lichen      | SR-T         |                | S2S3       | G1G2        |
| <i>Pilophorus fibula</i>           | Appalachian matchsticks             | SR-T         |                | S2         | GNR         |
| <i>Porpidia cinereoatra</i>        | Dark Gray Boulder Lichen            | W7           |                | S1S3       | GNR         |
| <i>Porpidia contraponenda</i>      | Winter's Remembrance Boulder Lichen | SR-T         |                | S1         | G4G5        |
| <i>Porpidia macrocarpa</i>         | Big-fruited Boulder Lichen          | W7           |                | S3         | G4          |
| <i>Rinodina brodoana</i>           | Brodo's pepperpot                   | SR-L         |                | S1         | GNR         |
| <i>Rinodina chrysomelaena</i>      | Lemon Pepperpot                     | SR-P         |                | S1         | GNR         |
| <i>Rockefelleria crossophylla</i>  | Old Gray Crosslobes                 | SR-T         |                | S2         | GNR         |
| <i>Sporodophoron americanum</i>    | White Spot Lichen                   | W7           |                | S3S4       | GNR         |
| <i>Sticta deyana</i>               | Dey's Moon lichen                   | SR-T         |                | S1         | GNR         |
| <i>Sticta limbata</i>              | Powdered Moon Lichen                | SR-D         |                | S1         | G3G4        |

| SCIENTIFIC NAME                 | COMMON NAME                 | STATE<br>STATUS | FEDERAL<br>STATUS | STATE<br>RANK | GLOBAL<br>RANK |
|---------------------------------|-----------------------------|-----------------|-------------------|---------------|----------------|
| <b>Lichens</b>                  |                             |                 |                   |               |                |
| <i>Teloschistes flavicans</i>   | Sunrise Lichen              | SR-P            |                   | S1            | G4G5           |
| <i>Usnea angulata</i>           | Old Man's Beard             | SR-P            |                   | S1            | G3G5           |
| <i>Xanthoparmelia monticola</i> | Mountain Rock-shield Lichen | SR-L            |                   | S1S2          | G2?            |
| <i>Xyleborus nigricans</i>      | Black Caps                  | W7              |                   | S2            | GNR            |

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**Citation**

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| SCIENTIFIC NAME                                               | COMMON NAME               | STATE<br>STATUS | FEDERAL<br>STATUS | STATE<br>RANK | GLOBAL<br>RANK |
|---------------------------------------------------------------|---------------------------|-----------------|-------------------|---------------|----------------|
| <b>Vascular Plants</b>                                        |                           |                 |                   |               |                |
| <i>Andropogon virginicus</i> var. 1                           | Smooth Variant Broomsedge | W2              |                   | S1S2          | G5TNR          |
| <i>Fraxinus biltmoreana</i>                                   | Biltmore Ash              | W2              |                   | S2S4          | G5             |
| <i>Fraxinus smallii</i>                                       | Small's White Ash         | W2              |                   | SU            | GNR            |
| <i>Lindernia saxicola</i>                                     | Riverbank Pimpernel       | W2              |                   | SH            | G1Q            |
| <i>Pontederia cordata</i> var. <i>lancifolia</i>              | Lanceleaf Pickerelweed    | W2              |                   | SU            | G5TNR          |
| <i>Rumex floridanus</i>                                       | Florida Dock              | W2              |                   | SU            | GNR            |
| <b>Liverworts</b>                                             |                           |                 |                   |               |                |
| <i>Fuscocephaloziopsis macrostachya</i> ssp. <i>australis</i> | A Liverwort               | W2              |                   | SU            | G4T1           |
| <i>Marsupella emarginata</i> ssp. <i>emarginata</i>           | A Liverwort               | W2              |                   | SU            | G5T5           |
| <b>Hornworts</b>                                              |                           |                 |                   |               |                |
| <i>Notothylas orbicularis</i> var. <i>pseudotemperata</i>     | A Hornwort                | W2              |                   | SU            | G5T1Q          |

**CITATION**

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| SCIENTIFIC NAME                                    | COMMON NAME                  | STATE<br>STATUS | FEDERAL<br>STATUS | STATE<br>RANK | GLOBAL<br>RANK |
|----------------------------------------------------|------------------------------|-----------------|-------------------|---------------|----------------|
| <b>Vascular Plants</b>                             |                              |                 |                   |               |                |
| <i>Agarista populifolia</i>                        | Agarista                     | W3              |                   | SU            | G4G5           |
| <i>Cyperus houghtonii</i>                          | Houghton's Flatsedge         | W3              |                   | SU            | G4?            |
| <i>Elymus canadensis</i> var. <i>canadensis</i>    | Great Plains Wild-Rye        | W3              |                   | SU            | G5T5           |
| <i>Eustachys glauca</i>                            | Saltmarsh Fingergrass        | W3              |                   | SH            | G4             |
| <i>Hypericum ellipticum</i>                        | Pale St. John's-wort         | W3              |                   | SU            | G5             |
| <i>Hypoxis sessilis</i>                            | Sessile Yellow Stargrass     | W3              |                   | SU            | G3             |
| <i>Lathyrus japonicus</i> var. <i>maritimus</i>    | Beach Pea                    | W3              |                   | SU            | G5T5           |
| <i>Lemna turionifera</i>                           | Turion Duckweed              | W3              |                   | SU            | G5             |
| <i>Rudbeckia laciniata</i> var. <i>bipinnata</i>   | Cutleaf Coneflower           | W3              |                   | SU            | G5TNR          |
| <i>Sabatia capitata</i>                            | Rose Gentian                 | W3              |                   | SU            | G2             |
| <i>Schoenolirion croceum</i>                       | Sunnybell                    | W3              |                   | SU            | G4             |
| <i>Schoenoplectus californicus</i>                 | California Bulrush           | W3              |                   | SU            | G5             |
| <i>Sisyrinchium montanum</i> var. <i>crebrum</i>   | Skull Strict Blue-eyed-grass | W3              |                   | SU            | G5T5           |
| <i>Sisyrinchium montanum</i> var. <i>montanum</i>  | Strict Blue-eyed-grass       | W3              |                   | SU            | G5T5           |
| <i>Symphotrichum dumosum</i> var. <i>strictior</i> | Tradescant Aster             | W3              |                   | SU            | G5T4           |
| <i>Thuja occidentalis</i>                          | Northern White Cedar         | W3              |                   | SU            | G5             |
| <i>Ulmus serotina</i>                              | September Elm                | W3              |                   | SU            | G4             |
| <i>Utricularia foliosa</i>                         | Leafy Bladderwort            | W3              |                   | SU            | G5             |
| <i>Verbesina helianthoides</i>                     | A Crownbeard                 | W3              |                   | SU            | G5             |
| <i>Waldsteinia fragarioides</i>                    | Northern Barren-strawberry   | W3              |                   | SU            | G5             |
| <b>Mosses</b>                                      |                              |                 |                   |               |                |
| <i>Weissia brachycarpa</i>                         | A Moss                       | W3              |                   | SU            | GNR            |
| <b>Lichens</b>                                     |                              |                 |                   |               |                |
| <i>Anaptychia crinalis</i>                         | Hanging Fringe Lichen        | W3              |                   | SU            | G5             |
| <i>Porpidia tuberculosa</i>                        | North Wind Boulder Lichen    | W3              |                   | SU            | G2G4           |

**CITATION**

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| SCIENTIFIC NAME                              | COMMON NAME                | STATE<br>STATUS | FEDERAL<br>STATUS | STATE<br>RANK | GLOBAL<br>RANK |
|----------------------------------------------|----------------------------|-----------------|-------------------|---------------|----------------|
| <b>Vascular Plants</b>                       |                            |                 |                   |               |                |
| <i>Christella hispidula</i>                  | Hairy Maiden Fern          | W4              |                   | SU            | G5             |
| <i>Chrysopogon pauciflorus</i>               | Florida Goldbeard          | W4              |                   | SU            | G4G5           |
| <i>Cicuta bulbifera</i>                      | Bulb-bearing Water-hemlock | W4              |                   | SU            | G5             |
| <i>Elatine americana</i>                     | American Waterwort         | W4              |                   | SU            | G4             |
| <i>Elatine minima</i>                        | Tiny Waterwort             | W4              |                   | SU            | G5             |
| <i>Humulus lupulus</i> var. <i>pubescens</i> | Hops                       | W4              |                   | SU            | G5T4?          |
| <i>Ipomoea brasiliensis</i>                  | Railroad Vine              | W4              |                   | SU            | G5T5           |
| <i>Lemna minuta</i>                          | Least Duckweed             | W4              |                   | SU            | G4             |
| <i>Leucospora multifida</i>                  | Cliff Conobea              | W4              |                   | SU            | G5             |
| <i>Nymphaea mexicana</i>                     | Banana Water-lily          | W4              |                   | SU            | G3G4           |
| <i>Parietaria floridana</i>                  | Florida Pellitory          | W4              |                   | SU            | G5             |
| <i>Paxistima canbyi</i>                      | Canby's Mountain-lover     | W4              |                   | SU            | G2?            |
| <i>Pelazoneuron kunthii</i>                  | Widespread Maiden Fern     | W4              |                   | SU            | G5             |
| <i>Piriqueta caroliniana</i>                 | Carolina Piriqueta         | W4              |                   | S1            | G5?TNR         |
| <i>Polygonella americana</i>                 | Southern Jointweed         | W4              |                   | SU            | G5             |
| <i>Polygonella gracilis</i>                  | Wireweed                   | W4              |                   | SU            | G4G5           |
| <i>Potamogeton natans</i>                    | Floating Pondweed          | W4              |                   | SU            | G5             |
| <i>Psilotum nudum</i>                        | Whiskfern                  | W4              |                   | SU            | G5             |
| <i>Sagittaria calycina</i>                   | California Arrowhead       | W4              |                   | SU            | G5             |
| <i>Sagittaria platyphylla</i>                | Delta Arrowhead            | W4              |                   | SU            | G5             |
| <i>Vigna luteola</i>                         | Wild Cowpea                | W4              |                   | SU            | G5             |

**CITATION**

Wichmann, B. L. and M.L. Wojcik. 2022. Natural Heritage Program List of the Rare Plant Species of North Carolina, 2022. North Carolina Natural Heritage Program, N.C. Department of Natural and Cultural Resources, Raleigh, NC. [www.ncnhp.org](http://www.ncnhp.org)

12/5/2022

**NCNHP 2022 Watch List Category W5**

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| SCIENTIFIC NAME               | COMMON NAME         | STATE<br>STATUS | FEDERAL<br>STATUS | STATE<br>RANK | GLOBAL<br>RANK |
|-------------------------------|---------------------|-----------------|-------------------|---------------|----------------|
| <b>Vascular Plants</b>        |                     |                 |                   |               |                |
| <i>Abies fraseri</i>          | Fraser Fir          | W5              |                   | S2            | G2             |
| <i>Castanea dentata</i>       | American Chestnut   | W5              |                   | S3            | G3             |
| <i>Fraxinus americana</i>     | White Ash           | W5              |                   | S4S5          | G4             |
| <i>Fraxinus caroliniana</i>   | Water Ash           | W5              |                   | S4            | G4             |
| <i>Fraxinus pennsylvanica</i> | Green Ash           | W5              |                   | S4            | G4             |
| <i>Fraxinus profunda</i>      | Pumpkin Ash         | W5              |                   | S3S4          | G4             |
| <i>Juglans cinerea</i>        | Butternut           | W5              |                   | S2S3          | G3             |
| <i>Tsuga canadensis</i>       | Eastern Hemlock     | W5              |                   | S4S5          | G4G5           |
| <i>Tsuga caroliniana</i>      | Carolina Hemlock    | W5              |                   | S2            | G2G3           |
| <b>Lichens</b>                |                     |                 |                   |               |                |
| <i>Sticta fragilinata</i>     | Fragile Moon Lichen | W5              |                   | S2S3          | GNR            |

**CITATION**

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**Rare Plant List Changes<sup>1</sup> over the Time Period 10/1/2021 - 12/5/2022**

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(changes are shown for tracked taxa only)

| Scientific name                                      | Change type     | Initial value                                      | Final value                 |
|------------------------------------------------------|-----------------|----------------------------------------------------|-----------------------------|
| <b>Vascular Plants</b>                               |                 |                                                    |                             |
| <i>Acer nigrum</i>                                   | S rank          | S1?                                                | S1S2                        |
|                                                      | State status    | W7                                                 | SR-P                        |
|                                                      | Tracking status | Watch list                                         | Full tracking               |
| <i>Anemone berlandieri</i>                           | G rank          | G4?                                                | G4G5                        |
|                                                      | S rank          | S2                                                 | S1S2                        |
| <i>Arabis adpressipilis</i>                          | G rank          | G5T4Q                                              | G5T4                        |
| <i>Aristida condensata</i>                           | G rank          | G4?                                                | G4                          |
| <i>Asclepias cinerea</i>                             | Tracking status | Full tracking                                      | Not tracked                 |
| <i>Asclepias michauxii</i>                           | Scientific name | <i>Asclepias cinerea</i>                           | <i>Asclepias michauxii</i>  |
|                                                      | Tracking status | Not tracked                                        | Full tracking               |
| <i>Bacopa rotundifolia</i>                           | S rank          | S1                                                 | SH                          |
| <i>Balduina atropurpurea</i>                         | S rank          | S1                                                 | SH                          |
| <i>Boechera burkii</i>                               | G rank          | G5T3T5                                             | G3G5                        |
|                                                      | State status    | W7                                                 | SR-P                        |
|                                                      | Tracking status | Watch list                                         | Full tracking               |
| <i>Bolboschoenus novae-angliae</i>                   | G rank          | G5                                                 | G3                          |
|                                                      | Tracking status | Not tracked                                        | Full tracking               |
| <i>Camassia scilloides</i>                           | G rank          | G4G5                                               | G5                          |
| <i>Carex canescens</i>                               | Tracking status | Full tracking                                      | Not tracked                 |
| <i>Carex communis</i>                                | Tracking status | Full tracking                                      | Not tracked                 |
| <i>Carex fumosimontana</i>                           | G rank          | GNR                                                | G2                          |
|                                                      | Tracking status | Not tracked                                        | Full tracking               |
| <i>Carex godfreyi</i>                                | Tracking status | Not tracked                                        | Full tracking               |
| <i>Carex lasiocarpa</i> var. <i>americana</i>        | State status    | SCR-V                                              | SC-V                        |
| <i>Carex roanensis</i>                               | G rank          | G2G3                                               | G3                          |
| <i>Carex</i> sp. 3                                   | Scientific name | <i>Carex</i> sp. 2                                 | <i>Carex</i> sp. 3          |
| <i>Carex tenax</i>                                   | G rank          | G5?                                                | G4                          |
| <i>Cayaponia quinqueloba</i>                         | Tracking status | Not tracked                                        | Full tracking               |
| <i>Chelone obliqua</i> var. <i>obliqua</i>           | S rank          | S2                                                 | S1                          |
| <i>Chenopodium berlandieri</i> var. <i>boscianum</i> | S rank          | SNR                                                | SH                          |
|                                                      | Tracking status | Not tracked                                        | Full tracking               |
| <i>Chrysoma pauciflosculosa</i>                      | G rank          | G4G5                                               | G4G5                        |
| <i>Cirsium carolinianum</i>                          | S rank          | S2                                                 | S1                          |
| <i>Clematis catesbyana</i>                           | G rank          | G4G5                                               | G5                          |
| <i>Clinopodium georgianum</i>                        | G rank          | G5                                                 | G4                          |
| <i>Coreopsis delphiniifolia</i>                      | S rank          | SNR                                                | SH                          |
|                                                      | State status    | W3                                                 | SR-T                        |
|                                                      | Tracking status | Watch list                                         | Full tracking               |
| <i>Crataegus succulenta</i>                          | Scientific name | <i>Crataegus succulenta</i> var. <i>succulenta</i> | <i>Crataegus succulenta</i> |
| <i>Crocanthemum nashii</i>                           | G rank          | G3?                                                | G3G4                        |
| <i>Cyperus subsquarrosus</i>                         | S rank          | SH                                                 | S1                          |
| <i>Cyperus surinamensis</i>                          | State status    | W4                                                 | SR-P                        |
|                                                      | Tracking status | Watch list                                         | Full tracking               |
| <i>Cyperus tetragonus</i>                            | G rank          | G4?                                                | G4                          |

<sup>1</sup> changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

(changes are shown for tracked taxa only)

| Scientific name                                         | Change type     | Initial value                                    | Final value               |
|---------------------------------------------------------|-----------------|--------------------------------------------------|---------------------------|
| <i>Dichanthelium cryptanthum</i>                        | G rank          | G3G4Q                                            | GUQ                       |
| <i>Didymoglossum petersii</i>                           | G rank          | G4G5                                             | G4                        |
| <i>Diplachne maritima</i>                               | G rank          | G5T3T4Q                                          | G3G4                      |
| <i>Drosera filiformis</i>                               | Scientific name | <i>Drosera filiformis</i> var. <i>filiformis</i> | <i>Drosera filiformis</i> |
| <i>Echinacea laevigata</i>                              | Federal status  | E                                                | T                         |
|                                                         | State status    | E                                                | T                         |
| <i>Eleocharis atropurpurea</i>                          | S rank          | S1                                               | SNA                       |
| <i>Eleocharis compressa</i> var. <i>compressa</i>       | Tracking status | Not tracked                                      | Full tracking             |
| <i>Eleocharis palustris</i>                             | State status    | W3                                               | SR-O                      |
|                                                         | Tracking status | Watch list                                       | Full tracking             |
| <i>Elymus canadensis</i> var. <i>robustus</i>           | Tracking status | Not tracked                                      | Full tracking             |
| <i>Eriocaulon parkeri</i>                               | S rank          | S1                                               | SH                        |
| <i>Eriogonum tomentosum</i>                             | G rank          | G4G5                                             | G5                        |
| <i>Eryngium ravenelii</i>                               | Tracking status | Full tracking                                    | Not tracked               |
| <i>Eupatorium anomalum</i>                              | S rank          | S1?                                              | S1                        |
|                                                         | State status    | W3                                               | SR-T                      |
|                                                         | Tracking status | Watch list                                       | Full tracking             |
| <i>Eupatorium fernaldii</i>                             | Tracking status | Not tracked                                      | Full tracking             |
| <i>Eupatorium leptophyllum</i>                          | G rank          | G4G5                                             | G5                        |
| <i>Eupatorium maritimum</i>                             | Tracking status | Not tracked                                      | Full tracking             |
| <i>Eupatorium saltuense</i>                             | S rank          | S1?                                              | S1S2                      |
| <i>Eurybia spectabilis</i>                              | S rank          | S2?                                              | S1S2                      |
| <i>Eustachys glauca</i>                                 | Tracking status | Full tracking                                    | Watch list                |
| <i>Euthamia graminifolia</i>                            | S rank          | SNA                                              | S1S2                      |
|                                                         | Tracking status | Not tracked                                      | Full tracking             |
| <i>Gaillardia aestivalis</i> var. <i>aestivalis</i>     | G rank          | N/A (record created after date)                  | G5T5                      |
| <i>Galactia mollis</i>                                  | G rank          | G4G5                                             | G4                        |
| <i>Helenium pinnatifidum</i>                            | G rank          | G4                                               | G5                        |
| <i>Heteranthera dubia</i>                               | S rank          | S1?                                              | SH                        |
|                                                         | State status    | W3                                               | SR-P                      |
|                                                         | Tracking status | Watch list                                       | Full tracking             |
| <i>Heteranthera pauciflora</i>                          | G rank          | G3?                                              | G3                        |
| <i>Hibiscus aculeatus</i>                               | G rank          | G4G5                                             | G5                        |
| <i>Hierochloa hirta</i>                                 | S rank          | S1                                               | SH                        |
| <i>Hypoxis sessilis</i>                                 | Tracking status | Full tracking                                    | Watch list                |
| <i>Ilex longipes</i>                                    | S rank          | S1                                               | S1S2                      |
| <i>Ipomoea imperati</i>                                 | S rank          | S1                                               | S2S3                      |
| <i>Ipomoea macrorhiza</i>                               | G rank          | G3G5                                             | G3                        |
| <i>Juncus georgianus</i>                                | G rank          | G4                                               | G3                        |
|                                                         | S rank          | S1?                                              | SH                        |
|                                                         | State status    | W7                                               | SR-O                      |
|                                                         | Tracking status | Watch list                                       | Full tracking             |
| <i>Lemna aequinoctialis</i>                             | Tracking status | Not tracked                                      | Full tracking             |
| <i>Lemna obscura</i>                                    | Tracking status | Not tracked                                      | Full tracking             |
| <i>Lepuropetalon spathulatum</i>                        | G rank          | G4G5                                             | G5                        |
|                                                         | Tracking status | Not tracked                                      | Full tracking             |
| <i>Lilium philadelphicum</i> var. <i>philadelphicum</i> | S rank          | S2                                               | S1S2                      |
| <i>Lupinus villosus</i>                                 | G rank          | G5                                               | G4                        |
| <i>Luziola fluitans</i> var. <i>fluitans</i>            | G rank          | G4G5TNR                                          | G5T5                      |
|                                                         | S rank          | S2                                               | S1S2                      |
| <i>Monarda punctata</i> var. <i>arkansana</i>           | G rank          | G5TNR                                            | G5T3                      |
|                                                         | S rank          | S1?                                              | S1                        |
|                                                         | State status    | W7                                               | SR-D                      |
|                                                         | Tracking status | Watch list                                       | Full tracking             |

<sup>1</sup> changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

(changes are shown for tracked taxa only)

| Scientific name                                        | Change type     | Initial value                                    | Final value                                 |
|--------------------------------------------------------|-----------------|--------------------------------------------------|---------------------------------------------|
| <i>Myriopteris alabamensis</i>                         | G rank          | G4G5                                             | G5                                          |
|                                                        | S rank          | S1                                               | SH                                          |
| <i>Myriopteris gracilis</i>                            | Tracking status | Not tracked                                      | Full tracking                               |
| <i>Platanthera integra</i>                             | S rank          | S2                                               | S1                                          |
| <i>Platanthera nivea</i>                               | G rank          | G5                                               | G3G4                                        |
| <i>Ponthieva racemosa</i>                              | G rank          | G4G5                                             | G5                                          |
| <i>Potamogeton natans</i>                              | Tracking status | Full tracking                                    | Watch list                                  |
| <i>Potamogeton nodosus</i>                             | S rank          | SH                                               | S1                                          |
| <i>Ptilimnium nodosum</i>                              | Scientific name | <i>Harperella nodosa</i>                         | <i>Ptilimnium nodosum</i>                   |
| <i>Rhododendron smokianum</i>                          | Tracking status | Not tracked                                      | Full tracking                               |
| <i>Rhynchospora sulcata</i>                            | Tracking status | Not tracked                                      | Full tracking                               |
| <i>Sageretia minutiflora</i>                           | G rank          | G4                                               | G3G4                                        |
| <i>Sagittaria chapmanii</i>                            | G rank          | G5T3?                                            | G3?                                         |
| <i>Sagittaria isoetiformis</i>                         | G rank          | G4?                                              | G3                                          |
| <i>Sagittaria macrocarpa</i>                           | G rank          | G5T2                                             | G2                                          |
| <i>Sagittaria weatheriana</i>                          | G rank          | G5T3T4                                           | G3G4                                        |
| <i>Sarracenia minor</i> var. <i>minor</i>              | S rank          | S2                                               | S1                                          |
| <i>Scirpus divaricatus</i>                             | G rank          | G5                                               | G4                                          |
|                                                        | S rank          | S2?                                              | S1S3                                        |
| <i>Scirpus flaccidifolius</i>                          | S rank          | S1                                               | SH                                          |
| <i>Scleria baldwinii</i>                               | G rank          | G4                                               | G5?                                         |
|                                                        | S rank          | S2                                               | S1S2                                        |
| <i>Scutellaria australis</i>                           | S rank          | S1                                               | SH                                          |
| <i>Scutellaria incana</i> var. <i>incana</i>           | Tracking status | Full tracking                                    | Not tracked                                 |
| <i>Scutellaria ovata</i> var. <i>rugosa</i>            | G rank          | G5TNR                                            | G5T4                                        |
|                                                        | Scientific name | <i>Scutellaria ovata</i> ssp. <i>rugosa</i>      | <i>Scutellaria ovata</i> var. <i>rugosa</i> |
|                                                        | State status    | W7                                               | SR-T                                        |
|                                                        | Tracking status | Watch list                                       | Full tracking                               |
| <i>Shortia brevistyla</i>                              | G rank          | G3T2                                             | G2                                          |
| <i>Shortia galacifolia</i>                             | G rank          | G3T2T3                                           | G2G3                                        |
| <i>Silphium compositum</i> var. <i>venosum</i>         | S rank          | SNR                                              | SH                                          |
|                                                        | Tracking status | Not tracked                                      | Full tracking                               |
| <i>Solanum pseudogracile</i>                           | G rank          | GNR                                              | G4                                          |
| <i>Solidago hispida</i> var. <i>hispida</i>            | Tracking status | Not tracked                                      | Full tracking                               |
| <i>Solidago ptarmicoides</i>                           | Scientific name | <i>Oligoneuron album</i>                         | <i>Solidago ptarmicoides</i>                |
| <i>Solidago tarda</i>                                  | S rank          | S1?                                              | S1                                          |
|                                                        | State status    | W3                                               | SR-O                                        |
|                                                        | Tracking status | Watch list                                       | Full tracking                               |
| <i>Sparganium acaule</i>                               | G rank          | GNR                                              | G5                                          |
| <i>Spinulum annotinum</i>                              | S rank          | SNR                                              | S1                                          |
|                                                        | Scientific name | <i>Lycopodium annotinum</i>                      | <i>Spinulum annotinum</i>                   |
|                                                        | Tracking status | Not tracked                                      | Full tracking                               |
| <i>Stenanthium gramineum</i> var. <i>robustum</i>      | G rank          | G4G5T3T5                                         | G4G5T3                                      |
|                                                        | G rank          | G4G5T3T5                                         | G4T3                                        |
| <i>Symphyotrichum dumosum</i> var. <i>pergracile</i>   | Tracking status | Not tracked                                      | Full tracking                               |
| <i>Symphyotrichum dumosum</i> var. <i>subulifolium</i> | S rank          | SNR                                              | S1S2                                        |
|                                                        | Tracking status | Not tracked                                      | Full tracking                               |
| <i>Thermopsis villosa</i>                              | S rank          | S2?                                              | S1S2                                        |
|                                                        | State status    | W7                                               | SR-T                                        |
|                                                        | Tracking status | Watch list                                       | Full tracking                               |
| <i>Tiedemannia canbyi</i>                              | S rank          | S1                                               | S1?                                         |
| <i>Triadenum fraseri</i>                               | S rank          | S1                                               | S1?                                         |
| <i>Trillium pusillum</i> var. 4                        | Scientific name | <i>Trillium pusillum</i> var. <i>virginianum</i> | <i>Trillium pusillum</i> var. 4             |
|                                                        | Tracking status | Not tracked                                      | Full tracking                               |

<sup>1</sup> changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

(changes are shown for tracked taxa only)

| Scientific name                               | Change type     | Initial value                             | Final value                     |
|-----------------------------------------------|-----------------|-------------------------------------------|---------------------------------|
| <i>Trillium pusillum</i> var. 5               | Scientific name | <i>Trillium pusillum</i> var. virginianum | <i>Trillium pusillum</i> var. 5 |
|                                               | Tracking status | Not tracked                               | Full tracking                   |
| <i>Trillium pusillum</i> var. pusillum        | S rank          | S2                                        | S1                              |
| <i>Triosteum angustifolium</i> var. eamesii   | S rank          | S1?                                       | SH                              |
|                                               | State status    | W3                                        | SR-T                            |
|                                               | Tracking status | Watch list                                | Partial tracking                |
| <i>Veronica americana</i>                     | S rank          | S2                                        | S1                              |
| <i>Veronica anagallis-aquatica</i>            | S rank          | S1?                                       | S1                              |
|                                               | State status    | W7                                        | SR-O                            |
|                                               | Tracking status | Watch list                                | Full tracking                   |
| <i>Viola walteri</i>                          | G rank          | G4G5                                      | G5                              |
| <i>Warea cuneifolia</i>                       | G rank          | G4                                        | G3                              |
|                                               | S rank          | S1                                        | SH                              |
| <i>Xyris scabrifolia</i>                      | S rank          | S2                                        | S2S3                            |
| <b>Mosses</b>                                 |                 |                                           |                                 |
| <i>Ditrichum ambiguum</i>                     | Tracking status | Full tracking                             | Not tracked                     |
| <i>Schlotheimia lancifolia</i>                | G rank          | G2                                        | G1                              |
| <b>Liverworts</b>                             |                 |                                           |                                 |
| <i>Drepanolejeunea appalachiana</i>           | G rank          | G2?                                       | G3                              |
| <i>Frullania appalachiana</i>                 | G rank          | G2?                                       | G3G4                            |
| <i>Lejeunea blomquistii</i>                   | G rank          | G1G2                                      | G3                              |
| <i>Lophocolea appalachiana</i>                | G rank          | G1G2Q                                     | G2                              |
| <i>Plagiochila virginica</i> var. caroliniana | G rank          | G3T2                                      | G4T4                            |
| <i>Plagiochila virginica</i> var. virginica   | G rank          | G3T3                                      | G4T3                            |
| <b>Lichens</b>                                |                 |                                           |                                 |
| <i>Anaptychia crinalis</i>                    | Tracking status | Full tracking                             | Watch list                      |
| <i>Arthonia cupressina</i>                    | Tracking status | Not tracked                               | Full tracking                   |
| <i>Arthopyrenia betulicola</i>                | S rank          | S2                                        | S1S2                            |
|                                               | State status    | W7                                        | SR-T                            |
|                                               | Tracking status | Watch list                                | Full tracking                   |
| <i>Calicium carolinianum</i>                  | Tracking status | Not tracked                               | Full tracking                   |
| <i>Cladonia appalachensis</i>                 | S rank          | S1                                        | SH                              |
|                                               | Tracking status | Watch list                                | Full tracking                   |
| <i>Cladonia submissa</i>                      | Tracking status | Not tracked                               | Full tracking                   |
| <i>Coniarthonia kermesina</i>                 | Scientific name | <i>Arthonia kermesina</i>                 | <i>Coniarthonia kermesina</i>   |
|                                               | State status    | W7                                        | SR-T                            |
|                                               | Tracking status | Watch list                                | Full tracking                   |
| <i>Heterodermia appalachensis</i>             | Tracking status | Full tracking                             | Watch list                      |
| <i>Heterodermia erecta</i>                    | S rank          | S1?                                       | S1S2                            |
|                                               | State status    | W7                                        | SR-T                            |
|                                               | Tracking status | Watch list                                | Full tracking                   |
| <i>Hypotrachyna sinuosa</i>                   | S rank          | S1                                        | SH                              |
| <i>Leptra andersoniae</i>                     | S rank          | S1                                        | S1S2                            |
|                                               | Scientific name | <i>Pertusaria andersonii</i>              | <i>Leptra andersoniae</i>       |
|                                               | State status    | W7                                        | SR-T                            |
|                                               | Tracking status | Watch list                                | Full tracking                   |
| <i>Lobarina scrobiculata</i>                  | Scientific name | <i>Lobaria scrobiculata</i>               | <i>Lobarina scrobiculata</i>    |
| <i>Melanelia stygia</i>                       | S rank          | S1S2                                      | S2S3                            |
| <i>Physcia pseudospeciosa</i>                 | S rank          | S1                                        | S2S3                            |
| <i>Pilophorus fibula</i>                      | Tracking status | Not tracked                               | Full tracking                   |
| <i>Rinodina chrysomelaena</i>                 | Tracking status | Not tracked                               | Full tracking                   |

<sup>1</sup> changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

(changes are shown for tracked taxa only)

| Scientific name                 | Change type | Initial value | Final value |
|---------------------------------|-------------|---------------|-------------|
| <i>Xanthoparmelia monticola</i> | S rank      | S2?           | S1S2        |

<sup>1</sup> changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

**EXPLANATION OF INFORMATION** provided in the North Carolina Natural Heritage Program List of Rare Plant Species of North Carolina

The **North Carolina Natural Heritage Program List of Rare Plant Species of North Carolina** is available as a document and a spreadsheet.

## **TAXONOMY**

**Taxonomic Group** – Each taxon is categorized into one of five major groups: Vascular Plant, Moss, Liverwort, Hornwort, and Lichen.

**Scientific Name** – The binomial or trinomial taxon name is provided. Scientific authorities for names have been omitted to save space. Scientific names are standardized to follow the taxon concepts and nomenclature used by the following standard references:

Vascular Plants (dicots, monocots, gymnosperms, ferns, and fern allies): Weakley, A.S. Flora of the Southeastern United States, 2022 Edition. University of North Carolina Herbarium (NCU), North Carolina Botanical Garden, University of North Carolina at Chapel Hill (available online at <https://ncbg.unc.edu/research/unc-herbarium/floras/>)

Lichens: Perlmutter, G. and T. Howard. 2022. Lichens of North Carolina [Internet]. Raleigh (NC): North Carolina Biodiversity Project and North Carolina State Parks. Available from <https://auth1.dpr.ncparks.gov/lichen/index.php>.

Bryophytes (mosses, liverworts, hornworts): Amoroso, J.L., B. Aguero, D. DuMond, and T. Howard. 2022. The Bryophytes of North Carolina [Internet]. Raleigh (NC): North Carolina Biodiversity Project and North Carolina State Parks. Available from <https://auth1.dpr.ncparks.gov/bryophytes/index.php>.

**Common Name:** Common names are not standardized and do not follow a particular concept or flora.

## **STATUS AND RANK**

Please see the [Status and Rank Definitions for Plants](#) document for information about Status and Rank.

## **GEOGRAPHICAL DISTRIBUTION AND HABITAT**

**Habitat Comment** – The physiognomic provinces or geographical region in which each taxon is known to occur is indicated using the symbology described below, followed by known habitat. This information should not be regarded as the only province(s) or regions(s) of the state in which the species could occur; our knowledge of the flora of North Carolina is still very imperfect.

M-Mountains: All parts of North Carolina west of the foot of the Blue Ridge Escarpment.

P-Piedmont: All parts of North Carolina east of the foot of the Blue Ridge Escarpment and west of the Fall Line, including outlying “foothill” ranges, such as the Brushy, Uwharrie, Sauratown, and South mountains. This province is shallowly underlain by crystalline metamorphic, igneous, or (rarely) consolidated sedimentary rocks

S-Sandhills: Portions of Cumberland, Harnett, Hoke, Lee, Moore, Richmond, Scotland, and Montgomery counties consisting mostly of deep aeolian sands of the Middendorf and Pinehurst formations (Cretaceous to Tertiary age). The Sandhills are really part of the coastal plain but are here distinguished because of their distinctive geomorphology and vegetation. Areas somewhat resembling the Sandhills region but occurring in other parts of the state (such as Carolina bay rims and aeolian or beach ridge deposits in the outer Coastal Plain) are considered part of the Coastal Plain Province.

C-Coastal Plain: All parts of North Carolina east of the Fall Line but excluding the Sandhills region and Tidewater. Generally consisting of unconsolidated sands, silts, clays, and peats, though rarely shallowly underlain by consolidated coquina limestone (“marl”).

T-Tidewater: Areas associated with tidal water, such as the ocean and barrier islands, sounds, estuaries, and mainland brackish or salt marshes.

**County** – A listing of the known counties of occurrence in the [NCNHP inventory](#) is provided for each taxon. County names are followed by symbols (defined below). If the species has not been recently verified within the county. The counties listed reflect data currently in the NCNHP database. We request information about any new occurrences in the state. If you would like to provide data and information to contribute to our database and broaden our understanding of the rare flora of North Carolina, please complete a [NCNHP Plant Survey Form](#).

\* All recorded occurrences in the county are either extirpated, have not been found in recent surveys, or have not been surveyed recently enough to be confident they are still present. Occurrences are regarded as historical after they have not been surveyed for 20-40 years (the number of years depending on the species and the amount of habitat alteration in the area). An asterisk should not be regarded as a definitive statement that the species is gone from the county but indicates that its continued existence is uncertain.

+ Counties with obscure or undatable records

? There is some question as to the validity of the county report.

The botanical exploration of North Carolina is far from complete, and many additional county records will be found, generally (but not always) in proximity to counties listed. Most species that do not have county of occurrence information are new to the Rare List and county status information had not been compiled at the time of publication.

Visit the North Carolina Natural Heritage Program [Species/Community Search](#) page for the most up-to-date county occurrence information.

## EXPLANATION OF STATUS AND RANK CODES

### North Carolina Natural Heritage Program List of Rare Plant Species of North Carolina

#### STATUS

The N.C. Natural Heritage Program (NCNHP) works cooperatively with the U.S. Fish and Wildlife Service (USFWS) and the N.C. Plant Conservation Program (NCPCP) to ensure the continued survival of all of North Carolina's rich flora. The advice of these agencies' scientific councils and committees as well as legal protection designations have been considered in the creation of **North Carolina Natural Heritage Program List of Rare Plant Species of North Carolina**. This list incorporates the most recent federal status designations for all plants native to North Carolina and the current state status designation for plants on the state [Protected Plant Species List](#).

Many species that lack formal state or federal legal protection are nonetheless rare in North Carolina. To convey information about the rarity of these plants within the state, the N.C. Natural Heritage Program provides status designations that fall into two categories: Significantly Rare (SR) or Watch List (W). The Program collects data on these species in addition to those with a legal protection status.

#### Federal Legal Status

Definitions are derived from U.S. Endangered Species Act of 1973, Sec. 3 (USES A). For the purposes of the USESA, Congress defined species to include subspecies and varieties. For official definitions and lists of protected species, consult the U.S. Fish and Wildlife Service (USFWS).

**E = Endangered:** any species in danger of extinction throughout all or a significant portion of its range.

**T = Threatened:** any species likely to become Endangered within the foreseeable future throughout all or a significant portion of its range.

**C = Candidate:** any species whose status is currently under review by the USFWS to determine whether it warrants listing under the Endangered Species Act.

#### State Legal Status

Legal definitions are derived from N.C. Plant Protection and Conservation Act (NC General Statutes Chapter 106 Article 19B 106-202.12). For official definitions and lists of protected species, please consult the [North Carolina Plant Conservation Program](#).

**E = Endangered:** any species or higher taxon of plant whose continued existence as a viable component of the State's flora is determined to be in jeopardy by the NC Plant

Conservation Program Board; also, any species of plant determined to be an "endangered species" pursuant to the Federal Endangered Species Act.

**T = Threatened:** any resident species of plant which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range, or one that is designated as threatened by the Federal Fish and Wildlife Service.

**SC-V = Special Concern-Vulnerable:** any species or higher taxon of plant in North Carolina which requires monitoring, but which may be collected and sold under the provisions of the NC Plant Protection and Conservation Act and is likely to become a threatened species within the foreseeable future (02 NCAC 48F .0401).

**SC-H = Special Concern - Historical:** any species or higher taxon of plant in North Carolina which requires monitoring, but which may be collected and sold under the provisions of the NC Plant Protection and Conservation Act and occurred in North Carolina at one time, but for which all known populations are currently considered to be either historical or extirpated (02 NCAC 48F .0401).

### State Natural Heritage Status – Significantly Rare

Significantly Rare is a NCNHP designation. Any plant species which has not been listed by the U.S. Fish and Wildlife Service as Endangered, Threatened, or Candidate or by the N.C. Plant Conservation Program as an Endangered, Threatened, or Special Concern species, but which exists in the state (or once occurred in the state) in small numbers (generally fewer than 100 populations) and has been determined by the NCNHP to need **monitoring and tracking**. Significantly Rare species include species of historical occurrence with some likelihood of rediscovery in the state and species substantially reduced in numbers by habitat destruction, direct exploitation, or disease. Species considered extirpated in the state, with little likelihood of rediscovery, are given no N.C. status (unless already listed by the NC Plant Conservation Program as E, T, or SC).

**SR-L = Significantly Rare-Limited:** the range of the species is **limited** to North Carolina and adjacent states (endemic or near endemic). These species may have relatively few populations in North Carolina and range wide. The preponderance of their distribution is in North Carolina and their fate depends largely on conservation here.

**SR-T = Significantly Rare-Throughout:** the species is rare **throughout** its range with relatively few populations range wide.

**SR-D = SR-Disjunct:** the species is disjunct to North Carolina from a main range in a different part of the country or world.

**SR-P = SR-Peripheral:** the species is at the **periphery** of its range in North Carolina. These species are generally more common elsewhere, occurring in North Carolina peripherally to their main ranges, often in habitats that are unusual in North Carolina.

**SR-O = Significantly Rare-Other:** the range of the species is sporadic or cannot be described by the other Significantly Rare categories.

## RANK

Using a ranking system developed by NatureServe and the Natural Heritage Program Network, the North Carolina Natural Heritage Program (NCNHP) provides two ranks for each element. The [global rank](#) is based on an element's worldwide imperilment and is designated by state Natural Heritage Programs working in coordination with NatureServe; the [state rank](#) is based on the imperilment of the element in North Carolina and is designated by the NCNHP. Element ranks are based on many factors, the most important ones being estimated number of Element Occurrences (EOs), estimated abundance (number of individuals), geographic range, relative threat of destruction, and ecological fragility.

Conservation Ranks are designated and updated by NCNHP for all species known to occur in North Carolina (both native and non-native). The Program follows the methodology and guidance of NatureServe when applying Conservation Ranks. Definitions of NatureServe's Conservation Ranks and Codes are published by NatureServe.

## State Rank

State ranks are designated by the North Carolina Natural Heritage Program (NCNHP), following methodology and guidance from NatureServe. This approach allows for consistency among many programs and across state lines. The definitions provided below follow the [NatureServe Subnational Conservation Status Definitions](#) published by NatureServe.

**S1 = Critically Imperiled** —At very high risk of extirpation in North Carolina due to very restricted range, very few populations or occurrences, very steep declines, severe threats, or other factors.

**S2 = Imperiled** —At high risk of extirpation in North Carolina due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.

**S3 = Vulnerable** — At moderate risk of extirpation in North Carolina due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.

**S4 = Apparently Secure** — At a fairly low risk of extirpation in North Carolina due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors.

**S5 = Secure** — At very low or no risk of extirpation in North Carolina due to a very extensive range, abundant populations or occurrences, with little to no concern from declines or threats.

**SH = Possibly Extirpated** – Known from only historical records but still some hope of rediscovery. There is evidence that the species may no longer be present in North Carolina, but not enough to state this with certainty. Examples of such evidence include (1) that a species has not been documented in approximately 20-40 years despite some searching and/or some evidence of significant habitat loss or degradation; (2) that a species or ecosystem has been searched for unsuccessfully, but not thoroughly enough to presume that it is no longer present in the jurisdiction.

**SX = Presumed Extirpated**—Species or ecosystem is believed to be extirpated from North Carolina. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.

**SU = Unrankable** — Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

**SNA = Not Applicable** — A conservation status rank is not applicable because the species or ecosystem is not a suitable target for conservation activities (e.g., long distance aerial and aquatic migrants, hybrids without conservation value, and non-native species or ecosystems).

**S#S# = Range Rank** —A numeric range rank (e.g., S2S3 or S1S3) is used to indicate any range of uncertainty about the status of the species or ecosystem.

**S#? = Inexact Numeric Rank** —Denotes inexact numeric rank.

## Global Rank

Global ranks are designated by NatureServe and are provided by the North Carolina Natural Heritage Program (NCNHP) for information only. For the most current global ranks, please consult the [NatureServe Explorer](#). The definitions provided below follow the [Definitions of NatureServe Global Conservation Status Definitions](#).

**G1 = Critically Imperiled** — At very high risk of extinction or elimination due to very restricted range, very few populations or occurrences, very steep declines, very severe threats, or other factors.

**G2 = Imperiled** — At high risk of extinction or elimination due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.

**G3 = Vulnerable** — At moderate risk of extinction or elimination due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.

G4 = **Apparently Secure** — At fairly low risk of extinction or elimination due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors.

G5 = **Secure** — At very low risk of extinction or elimination due to a very extensive range, abundant populations or occurrences, and little to no concern from declines or threats.

GH = **Possibly Extinct** — Known from only historical occurrences but still some hope of rediscovery. Examples of evidence include (1) that a species has not been documented in approximately 20-40 years despite some searching and/or some evidence of significant habitat loss or degradation; (2) that a species or ecosystem has been searched for unsuccessfully, but not thoroughly enough to presume that it is extinct or eliminated throughout its range.

GX = **Presumed Extinct** — Not located despite intensive searches and virtually no likelihood of rediscovery.

GU = **Unrankable** — Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

GNA = **Not Applicable** — A conservation status rank is not applicable because the species or ecosystem is not a suitable target for conservation activities. A global conservation status rank may be not applicable for several reasons. Typically, the species is a hybrid without conservation value, or of domestic origin.

G#G# = **Range Rank** — A numeric range rank (e.g., G2G3, G1G3) is used to indicate uncertainty about the exact imperilment of a taxon or ecosystem type.

G#? = **Inexact Numeric Rank** - Denotes inexact numeric rank.

G#T# = **Intraspecific Taxon (trinomial)** - The status of intraspecific taxa (subspecies or varieties) are indicated by a "T-rank" following the species' global rank. T-ranks follow the same principles outlined above. For example, the global rank of a critically imperiled subspecies of an otherwise widespread and common species would be G5T1..

GNR = **Unranked** — Global rank not yet assessed.

G#Q = **Questionable taxonomy that may reduce conservation priority** - Distinctiveness of this entity as a taxon is questionable; resolution of this uncertainty may result in change from a species to a subspecies or hybrid, or inclusion of this taxon or type in another taxon or type, with the resulting taxon having a lower-priority (numerically higher) conservation status rank.

## PLANT TAXA ENDEMIC TO NORTH CAROLINA

This is a list of all taxa (including subspecies) considered to be strictly endemic to North Carolina. The list does not include taxa whose range barely extends into another state, such as taxa endemic to the Roan Mountain area or Great Smoky Mountains National Park.

| SCIENTIFIC NAME                                     | COMMON NAME                       | N.C.<br>STATUS | U.S<br>STATUS | N.C. RANK | GLOBAL RANK |
|-----------------------------------------------------|-----------------------------------|----------------|---------------|-----------|-------------|
| <i>Acanthothecis fontana</i>                        | Fontana Lichen                    | W7             | N/A           | S1        | G1          |
| <i>Allium keeverae</i>                              | Keever's Onion                    | T              | N/A           | S2        | G2          |
| <i>Allium</i> sp. 1                                 | Savanna Onion                     | SR-L           | N/A           | S1S2      | G1G2        |
| <i>Arthonia kermesia</i>                            | Mountain Red Dot Lichen           | W7             | N/A           | S1        | G1          |
| <i>Carex lutea</i>                                  | Golden Sedge                      | E              | E             | S2        | G2          |
| <i>Cladonia psoromica</i>                           | Bluff Mountain<br>Reindeer Lichen | T              | N/A           | S1        | G1          |
| <i>Coreopsis aristulata</i>                         | Short-awned Coreopsis             | SR-L           | N/A           | S1        | G1?         |
| <i>Crataegus oreophila</i>                          | Balsam Mountain Hawthorn          | W7             | N/A           | S2        | G2          |
| <i>Fellhanera erinae</i>                            | Erin's Fellhanera                 | W7             | N/A           | S1        | G1          |
| <i>Fellhanera montesfumosi</i>                      | Smoky Mountain<br>Crustose Lichen | W7             | N/A           | S1        | G1          |
| <i>Gaylussacia orocola</i>                          | Appalachian Dwarf<br>Huckleberry  | SR-L           | N/A           | S1        | G1          |
| <i>Gentiana latidens</i>                            | Balsam Mountain Gentian           | SR-L           | N/A           | S1S2      | G2G3        |
| <i>Graphis sterlingiana</i>                         | Mount Sterling Script<br>Lichen   | W7             | N/A           | S1        | GNR         |
| <i>Heuchera parviflora</i><br>var. <i>saurensis</i> | Sauratown Grotto Alumroot         | W7             | N/A           | SH        | G4TH        |
| <i>Hexastylis rosei</i>                             | Rose's Heartleaf                  | SR-L           | N/A           | S1        | G1          |
| <i>Hexastylis</i> sp. 1                             | Buck Creek Heartleaf              | N/A            | N/A           | S1?       | GNR         |
| <i>Hudsonia montana</i>                             | Mountain Golden-heather           | T              | T             | S1        | G1          |
| <i>Hypericum radfordiorum</i>                       | Radford's St. John's-wort         | SR-L           | N/A           | S2        | G2          |
| <i>Isoetes microvela</i>                            | Thin-wall Quillwort               | T              | N/A           | S1        | G1          |
| <i>Lejeunea glaucescens</i><br>var. <i>acrogyna</i> | Raven Rock Liverwort              | SR-L           | N/A           | SX        | G5TH        |
| <i>Liatris helleri</i>                              | Heller's Blazing-star             | T              | T             | S2        | G2Q         |
| <i>Narthecium montanum</i>                          | Appalachian<br>Yellow Asphodel    | SC-H           | N/A           | SX        | GX          |
| <i>Orbexilum macrophyllum</i>                       | Bigleaf Scurfpea                  | SC-H           | N/A           | SX        | GX          |
| <i>Packera serpenticola</i>                         | Buck Creek Ragwort                | SR-L           | N/A           | S1        | G1          |
| <i>Rhododendron vaseyi</i>                          | Pink-shell Azalea                 | SR-L           | N/A           | S3        | G3          |
| <i>Rhynchospora</i> sp. 2                           | Croatan Beaksedge                 | W7             | N/A           | S1?       | G1?         |
| <i>Scleria bellii</i>                               | Smooth-seeded<br>Hairy Nutrush    | SR-L           | N/A           | S1        | G2G3        |
| <i>Shortia galacifolia</i>                          | Northern Oconee Bells             | E              | N/A           | S2        | G3T2        |
| <i>Solidago plumosa</i>                             | Yadkin River Goldenrod            | T              | N/A           | S1        | G1          |
| <i>Solidago villosicarpa</i>                        | Coastal Goldenrod                 | E              | N/A           | S1        | G1          |
| <i>Symphyotrichum rhiannon</i>                      | Buck Creek Aster                  | T              | N/A           | S1        | G1          |

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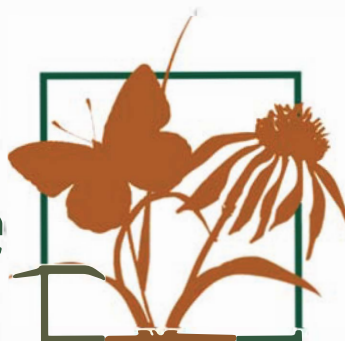
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# NC DEPARTMENT OF NATURAL AND CULTURAL RESOURCES

NORTH CAROLINA

**Natural  
Heritage  
Program**



SCIENCE GUIDING CONSERVATION

