

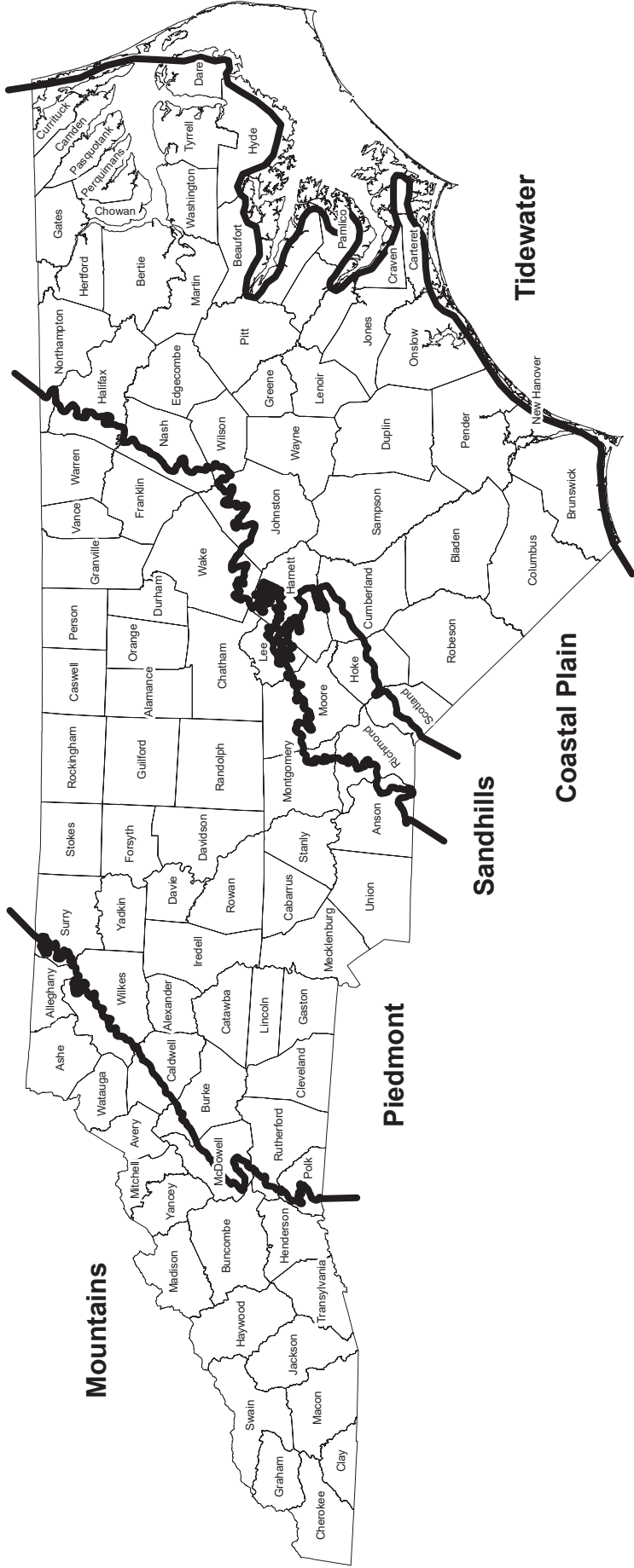
Natural Heritage Program
List of Rare Plant Species of North Carolina
Revised October 2021



Compiled by
Brenda L. Wichmann, Botanist

North Carolina Natural Heritage Program
N.C. Department of Natural and Cultural Resources
Raleigh, NC 27699-1601

www.ncnhp.org



THE COUNTIES AND PHYSIOGRAPHIC PROVINCES OF NORTH CAROLINA

Natural Heritage Program
List of Rare Plant Species of North Carolina
2021

Compiled by
Brenda L. Wichmann, Botanist

North Carolina Natural Heritage Program
N.C. Department of Natural and Cultural Resources
Raleigh, NC 27699-1601

www.ncnhp.org

This list is dynamic and is revised every other year as new data become available. New species are added to the list, and others are dropped from the list as appropriate. 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; by contacting the North Carolina Wildlife Resources Commission, 1701 MSC, Raleigh, NC 27699-1701; or by contacting the North Carolina Plant Conservation Program, Department of Agriculture and Consumer Services, 1060 MSC, Raleigh, NC 27699-1060. 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.

Cover Photo of *Heteranthera reniformis* (Kidneyleaf Mud-plantain) by Jennifer Stanley

TABLE OF CONTENTS

NORTH CAROLINA PLANT LIST – RARE.....	1
Vascular Plants.....	10
Mosses.....	79
Liverworts.....	90
Hornworts.....	96
Lichens.....	96
NORTH CAROLINA PLANT LIST – WATCH.....	100
Vascular Plants.....	102
Mosses.....	140
Liverworts.....	148
Hornworts.....	151
Lichens.....	151
PLANT TAXA ENDEMIC TO NORTH CAROLINA.....	157
EXPLOITED PLANT TAXA IN NORTH CAROLINA.....	158
POTENTIAL NEW TO NORTH CAROLINA PLANTS.....	159
SIGNIFICANT 2021 REVISIONS TO THE PLANT LISTS.....	164
SCIENTIFIC NAME CHANGES TO THE PLANT LIST SINCE 2018.....	169
INDEX OF SCIENTIFIC NAMES.....	173

ACKNOWLEDGMENTS

This list was originally compiled and published by Alan Weakley in 1991. It has been revised and updated over the years by Alan Weakley, Jame Amoroso, Misty Franklin Buchanan, Laura Gadd Robinson, and Brenda L. Wichmann. Special thanks are given to Misty Buchanan, Wesley Knapp, Richard LeBlond, Michael Lee, Harry LeGrand, Suzanne Mason, Linda Rudd, Michael Schafale, Bruce Sorrie, and Alan Weakley for their involvement in the development of the list, to Jame Amoroso, Blanka Aguero, and Paul Davison for assistance with the bryophyte lists, and Gary Perlmutter for assistance with the lichen list.

The list of people who have assisted in the preparation of the vascular plant list, provided information to the NCNHP on rare species occurrences, or otherwise contributed to our understanding of the rare flora of the state are too many to mention, but a partial list of recent contributors includes: Nell Allen, Herb Amyx, Pat Amyx, Geoff Austin, Rex Badgett, Chris Baranski, Moni Bates, Brady Beck, Sean Bloom, Alvin Braswell, Ben Brewer, Ken Bridle, Kevin Caldwell, David Campbell, Angie Carl, Owen Carson, Logan Clark, Crystal Cockman, Ed Corey, Olivia Dannemiller, Becky Dill, Jamey Donaldson, David Dumond, Bryan England, Matt Estep, Rob Evans, Laura Fogo, Sam Fritz, Sue Fruchey, John Fussell, Lisa Gaffney, Jeff Glitzenstein, Cheryl Gregory, Tom Govus, Janet Gray, Steve Hall, Karin Heiman, Jonathan Horton, Stephanie Horton, Tom Howard, Kimberly Israel, Alicia Jackson, Andrew Jenkins, Claudia Jolls, Gary Kauffman, Josh Kelly, Lisa Kelly, Jay Kranyik, Alexander Krings, Mike Kunz, Lenny Lampel, Ron Lance, Charles Lawson, Richard LeBlond, Kira Lideloff, Merrill Lynch, Jeff Marcus, Jim Matthews, David McAdoo, Carol Ann McCormick, Hervey McIver, Patrick McMillan, Rachel Milkereit, William Moye, Carl Nordman, Shawn Oakley, James Padgett, Cary Paynter, Bob Peet, Mark Peifer, Bubba Peifer, Dan Pittillo, Derick Poindexter, Gerald Pottern, Ben Pugh, April Punsalan, Milo Pyne, Lloyd Raleigh, Johnny Randall, Duke Rankin, Evan Raskin, Rebekah Reid, Jerry Reynolds, Jessica Roach, Mark Rose, Tim Savidge, Jess Schaner, Ed Schwartzman, John Shaw, Chris Sheats, Dale Shew, Roger Shew, David Siripoonsup, Alan Smith, Matt Smith, Jennifer Stanley, Lesley Starke, Dale Suiter, Megan Sutton, John Taggart, Craig Ten Brink, Samantha Tessel, Robert Thornhill, Mike Turner, Julie Tuttle, Chris Ulrey, Eric Ungberg, Andy Walker, Wade Wall, Danny Walsh, Bobby Ward, Tom Wentworth, Rickie White, Chris Wilson, and participants in the Carolina Vegetation Survey.

Special recognition is given to Tom Patrick, who was the Georgia Natural Heritage Program's first Botanist and contributed greatly for 33 years to plant conservation and the larger Natural Heritage network. He mentored many North Carolina botanists and provided information about habitat and distribution of rare species that occur in both Georgia and North Carolina.

NORTH CAROLINA PLANT LIST – RARE

INTRODUCTION

The North Carolina Natural Heritage Program (NCNHP) conducts and maintains an inventory of known locations of rare animals and plants in the state as part of its mission to support conservation of natural areas. The primary functions of this inventory list are its use 1) in determining priorities for protection of the state's most important natural areas and the plants and animals contained therein, 2) in determining priorities for inventory, and 3) by public agencies and private persons for environmental assessment and land management planning.

The NCNHP is charged under the Nature Preserves Act (G.S. 143B-135.250 to 143B-135.272) with compiling and maintaining information relevant to the protection of North Carolina's most important natural areas. NCNHP takes the lead role in North Carolina in the inventory of the state's natural diversity and the identification of important natural areas and rare species habitats. The list incorporates the most recent federal status designations determined by the U.S. Fish and Wildlife Service (USFWS) for all animal and plant taxa native to North Carolina. Prior to 2018, NCNHP included Federal Species of Concern (FSC) as a federal status. The FSC list was collectively maintained by the North Carolina offices of the USFWS, but FSC is not an official federal status. Under the guidance of the USFWS Region 4 office, the Raleigh Ecological Services office has revised their focus toward At-Risk Species and as such the NCNHP no longer reports FSC as a federal status. The At-Risk Species list is a dynamic list that includes species proposed for listing under the ESA, Candidate species, and species that have been petitioned for listing. Please refer to the At-Risk Species Finder at <https://www.fws.gov/southeast/finder/#/species/list> for more information.

This list also includes North Carolina legal status information from the N.C. Plant Conservation Program (NCPCP), a unit of the Department of Agriculture and Consumer Services and the agency responsible for the listing and protection of North Carolina's endangered and threatened plants, under provisions of the North Carolina Plant Protection and Conservation Act (N.C. General Statutes - Chapter 106 Article 19B). The NCPCP *List of North Carolina's Endangered, Threatened and Special Concern Plant Species* can be found on the website: <http://www.ncagr.gov/plantindustry/plant/plantconserve/>. NCWRC is responsible for the listing and protection of the state's nongame species of mammals, birds, reptiles, amphibians, freshwater fishes, mollusks, and crustaceans, under N.C. General Statutes - Chapter 113 Article 25. The NCNHP, NCPCP, NCWRC, and USFWS work cooperatively to ensure the continued survival of all of North Carolina's rich flora and fauna. Over the past 40 years and continuing in the future, the advice and protection designations (for example, Endangered, Threatened, and Special Concern) of scientific councils and committees have been considered in the creation of the list.

Many species that lack formal legal protection are nonetheless imperiled in North Carolina. Therefore, NCNHP collects data on these species in addition to those classified under the three protection designations above and places them in two categories: Significantly Rare (SR) and Watch List (W). These species receive no special legal protection; rather, the designation is used to convey information about the species' rarity within the state. The tracking of SR species, along with Endangered, Threatened, and Special Concern species, plays a critical role in how NCNHP evaluates natural areas for their importance in conservation of the state's native biodiversity. These status categories are defined in this list under "N.C. Status."

NCNHP requests locality and population data on the species listed in this publication. Plant survey forms are provided online at <https://www.ncnhp.org/share-data/contribute-your-data/plant-survey-form>. People may complete the online survey form or, if preferred, download the form and email completed forms to natural.heritage@ncdcr.gov or mail to: N.C. Natural Heritage Program; MSC 1651; Raleigh, NC 27699-1651. For the most current information about the range of tracked species in North Carolina, visit www.ncnhp.org. Information, including maps and datasets, on animals, plants, and communities nationwide may be found on NatureServe Explorer (www.natureserve.org/).

**EXPLANATION OF STATUS AND RANK CODES
FOR PLANTS**

Status Codes

In North Carolina, Endangered, Threatened, and Special Concern species have legally protected status through the North Carolina Plant Conservation Program (NCPCP). The Natural Heritage Program maintains database and GIS files on state listed and Significantly Rare species, as well as species considered extirpated in the state. United States Status is designated by the U.S. Fish and Wildlife Service (USFWS) and the U.S. National Marine Fisheries Service (USNMFS) in accordance with the U.S. Endangered Species Act of 1973 (USESA), as amended. Plants and plant varieties (including fungi, hornworts, lichens, mosses), animal species and subspecies, and vertebrate populations are considered for Endangered or Threatened status according to the criteria established under the USESA. Proposals and determinations to add taxa or populations to the Lists of Endangered and Threatened Wildlife and plants are published in the Federal Register. Additionally, the USFWS and the USNMFS periodically publish a Notice of Review or Notice of Reclassification in the Federal Register that presents an updated list of plant and animal taxa that are regarded as candidates or proposed for possible addition to the Lists of Endangered and Threatened Wildlife and Plants. Contact the Asheville or Raleigh Ecological Services Field Offices for more information.

N.C. STATUS – PLANTS

N.C. STATUS CODE	STATUS	DEFINITION
E	Endangered	Any native or once-native species or higher taxon of plant whose continued existence as a viable component of the state's flora is determined to be in jeopardy or any species of plant determined to be an Endangered species pursuant to the Endangered Species Act. (GS19B-106:202.12.)
T	Threatened	Any native or once-native 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 a Threatened species pursuant to the Endangered Species Act. (GS19B-106:202.12.)
SC-V	Special Concern- Vulnerable	Any species or higher taxon of plant which is likely to become a threatened species within the foreseeable future. (NCAC 02 NCAC 48F .0401.)
SC-H	Special Concern- Historical	Any species or higher taxon of plant that occurred in North Carolina at one time, but for which all known populations are currently considered to be either historical or extirpated. (NCAC 02 NCAC 48F .0401)
SR	Significantly Rare	This is a NCNHP designation. Any species which has not been listed by the NCPCP as an Endangered, Threatened, or Special Concern species, but which exists in the state (or once occurred in the state) in small numbers (generally less than 100 statewide populations) and has been determined by the NCNHP to need monitoring. 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.

N.C. STATUS CODE	STATUS	DEFINITION
SR-L	Significantly Rare-Limited	The range of the species is limited to North Carolina and adjacent states (endemic or near endemic). These are species that may have 20-50 populations in North Carolina, but generally fewer than 100 populations 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 (generally fewer than 100 populations range wide).
SR-D	Significantly Rare-Disjunct	The species is disjunct to North Carolina from a main range in a different part of the country or world.
SR-P	Significantly Rare-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.
WL	Watch List	This is an NCNHP designation for any other species believed to be rare and of conservation concern in the state but not warranting active monitoring at this time.

U.S. STATUS – PLANTS

U.S. STATUS CODE	STATUS	DEFINITION
E	Endangered	A taxon that is in danger of extinction throughout all or a significant portion of its range (Public Law 93-205 87 Stat. 884).
T	Threatened	A taxon that is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range (Public Law 93-205 87 Stat. 884).
C	Candidate	Taxa for which the USFWS has on file enough substantial information on biological vulnerability and threat(s) to support proposals to list them as endangered or threatened. Proposed rules have not yet been issued because this action is precluded at present by other listing activity. Development and publication of proposed rules on these taxa are anticipated. The USFWS encourages state and other federal agencies as well as other affected parties to give consideration to these taxa in environmental planning [Federal Register, 5 December 1996 Volume 61(235):64481]. Taxa formerly considered “Category 1” are now considered “Candidate.”

Rank Codes

Natural Heritage Programs and the NatureServe Network have developed a consistent method for evaluating the relative imperilment of both species and ecological communities. These assessments led to the designation of a conservation rank. These ranks provide an estimate of extinction risk. Conservation rank values have been assigned over the past 40 years by the NCNHP, NatureServe, and many collaborators in government agencies, universities, natural history museums, botanical gardens, and other conservation organizations. This information has been developed primarily to help in guiding conservation and informing environmental planning and management.

Conservation ranks are either state (S) or global (G) and are based on a one-to-five scale, ranging from critically imperiled (S1 or G1) to demonstrably secure (S5 or G5). These assessments are based on the best available information, considering a variety of factors such as abundance, distribution, population trends, and threats. Global ranks apply to the species throughout its range. The system is widely used by agencies and organizations nationwide as the best available scientific and objective assessment of a species' imperilment throughout its range.

A rank involving two numbers indicates uncertainty. For example, an S2S3 or a G2G3 rank indicates that the species may be S2 or S3 (or G2 or G3), but that existing data do not allow that determination to be made.

N.C. RANK – PLANTS

N.C. RANK	NUMBER OF EXTANT POPULATIONS	DESIGNATION	DESCRIPTION
S1	1-5	Critically Imperiled	Critically imperiled due to extreme rarity or some factor(s) making it especially vulnerable to extirpation (local extinction) from the state. Typically 5 or fewer occurrences or very few remaining individuals (<1,000).
S2	6-20	Imperiled	Imperiled due to rarity or some factor(s) making it very vulnerable to extirpation from the state. Typically 6 to 20 occurrences or few remaining individuals (1,000 to 3,000).
S3	21-100	Vulnerable	Vulnerable to extinction either because rare or uncommon, found only in a restricted range (even if abundant at some locations), or due to other factors making it vulnerable to extirpation. Typically 21 to 100 occurrences or between 3,000 to 10,000 individuals.
S4	101-1,000	Apparently Secure	Apparently secure and widespread, usually with more than 100 occurrences and more than 10,000 individuals.
S5	1,001+	Secure	Common, widespread, and abundant. Essentially ineradicable under present conditions. Typically with considerably more than 100 occurrences and more than 10,000 individuals.

N.C. RANK	NUMBER OF EXTANT POPULATIONS	DESIGNATION	DESCRIPTION
SH	0?	Historical	Possibly extirpated; known from only historical records but still some expectation of rediscovery. Presence may not have been verified in the past 20-40 years. <i>Note:</i> an element is not automatically assigned an SH rank if it has not been verified in the past 20; some effort must have been made to locate or relocate occurrences before a rank of SH is assigned.
SX	0	Presumed Extirpated	Believed to be extirpated; has not been located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.
SU	Unknown	Unrankable	Currently unrankable due to lack of information or substantially conflicting information about status or trends. More information is needed.
SNR	Unknown	Not Ranked	Statewide rank not yet assessed.
SNA	N/A	Not Applicable	Statewide rank is not applicable because the element is not a suitable target for conservation for one of these reasons: <ul style="list-style-type: none"> • Hybrid – an interspecific hybrid without conservation value; • Exotic Origin – not native to North Carolina; • Accidental/Nonregular – outside usual range and not regularly found in North Carolina; • Not Confidently Present – never documented as present in NC; • Synonym – the taxon is not recognized by the NCNHP.
S_?	---	Uncertain	Denotes inexact or uncertain numeric rank.

GLOBAL RANK - PLANTS

GLOBAL RANK	NUMBER OF EXTANT POPULATIONS	DESIGNATION	DESCRIPTION
G1	1-5	Critically Imperiled	Critically imperiled globally because of extreme rarity or because of some factor(s) making it especially vulnerable to extinction. Typically five or fewer occurrences or very few remaining individuals (<1,000) or acres (<2,000) or linear miles (<10).
G2	6-20	Imperiled	Imperiled globally because of rarity or because of some factor(s) making it very vulnerable to extinction. Typically 6 to 20 occurrences or few remaining individuals (1,000 to 3,000) or acres (2,000 to 10,000) or linear miles (10 to 50).
G3	21-100	Vulnerable	Vulnerable globally either because very rare throughout its range, found only in a restricted range (even if abundant at some locations), or other factors making it vulnerable to extinction. Typically 21 to 100 occurrences or between 3,000 and 10,000 individuals.
G4	101-1,000	Apparently Secure	Uncommon but not rare (although it may be rare in parts of its range, particularly on the periphery) and usually widespread. Apparently not vulnerable in most of its range, but possibly cause for long-term concern. Typically more than 100 occurrences and more than 10,000 individuals.
G5	1,001+	Secure	Common, widespread, and abundant (although it may be rare in parts of its range, particularly on the periphery). Not vulnerable in most of its range. Typically with considerably more than 100 occurrences and more than 10,000 individuals.
GH	0?	Historical	Known only from historical occurrences, but with some expectation that it may be rediscovered. May still be extant; further searching is needed.
GX	0	Presumed Extinct	Believed to be extinct throughout its range (e.g., passenger pigeon) with virtually no likelihood that it will be rediscovered. Not located despite intensive searches of historical sites and other appropriate habitat.
GU	Unknown	Unrankable	Currently unrankable due to lack of information or due to substantially conflicting information about status or trends; need more information.
GNR	Unknown	Not Ranked	Global rank not yet assessed.
G_T_	---	Subspecies or Variety Rank	The rank of a taxonomic subspecies or variety. As an example, G4T1 would apply to a subspecies of a species with an overall rank of G4, but the subspecies warranting a rank of G1.
G ?	---	Uncertain	Denotes inexact or uncertain numeric rank.

GLOBAL RANK	NUMBER OF EXTANT POPULATIONS	DESIGNATION	DESCRIPTION
G_Q	---	Questionable Taxonomy	Taxonomic classification that may reduce conservation priority. Distinctiveness of this entity as a taxon at the current level is questionable. Resolution of this uncertainty may result in change from a species to a subspecies or inclusion of this taxon in another taxon, with the resulting element having a lower-priority conservation status rank.

Physiographic Province/Region. The provinces/regions in which the species is known to occur are indicated. This 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. The provinces are abbreviated as follows:

ABBREVIATION	PROVINCE/REGION	DESCRIPTION
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.

Habitat.

The known habitats are described; as with provinces, these should not be regarded as the only possible habitats of the species in the state.

Counties of Known Occurrence. Following the description of habitats is a listing of the known counties of occurrence in the NCNHP database. We request information about any new occurrences in the state. County names are followed by symbols (defined below) if the species has not been recently verified within the county.

*	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. Unsurveyed occurrences are regarded as historical after 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 Natural Heritage Program website for the most up-to-date county occurrence information: www.ncnhp.org.

LIST FORMAT

Species are grouped by major taxa. Plants are placed in five groups: Vascular Plants, Mosses, Liverworts, Hornworts, and Lichens. Within a given taxon, species are listed alphabetically by scientific name. The following information is presented for each species on the list; “status” indicates the degree of legal recognition (if any); “rank” is a numerical scale of the rarity of a species, regardless of legal protection.

Scientific Name. Taxonomy and nomenclature of vascular plants (dicots, monocots, gymnosperms, ferns, and fern allies) generally follows Weakley, A.S. *Flora of the Southeastern United States, 2020 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/> Scientific authorities for names have been omitted to save space, but follow Weakley, A.S. (2020).

Taxonomy and nomenclature of nonvascular plants (mosses, liverworts, hornworts, and lichens) follow *Bryophyte Flora of North America*, provisional publication, Missouri Botanical Garden (2001), <http://www.mobot.org/plantscience/BFNA/bfnamenu.htm>. L.E. Anderson, H.A. Crum, and W.R. Buck’s *List of the Mosses of North America North of Mexico* (Bryologist 93: 448-499 [1990]); L.E. Anderson’s *A Checklist of Sphagnum in North America North of Mexico* (Bryologist 93: 500-501 [1990]); R. Schuster’s *The Hepaticae and Anthocerotae of North America East of the Hundredth Meridian* (1966, 1969, 1974, 1980, and 1992); M.L. Hicks’ *Liverworts of the Mountains of North Carolina* (1982); M.L. Hicks’ *Guide to the Liverworts of North Carolina* (1992); M.L. Hicks and P.G. Davidson’s *Some Rare, Endemic, and Disjunct Liverworts in North Carolina* (Castanea 54: 255-261 [1989]); G.B. Perlmutter’s *Lichen Checklist for North Carolina* (Perlmutter, G.B. 2005. *Lichen Checklist for North Carolina*, *Evansia* 22[2]: 51-77; <http://lichenportal.org/portal/checklists/checklist.php?cl=1187&pid=103>); Brodo, Sharnoff, and Sharnoff’s *Lichens of North America* (2001); and Esslinger’s *Lichen Checklist for North America* (Esslinger, T.A. 2015. *A Cumulative Checklist for the Lichen-forming Lichenicolous and Allied Fungi of the Continental United States and Canada*. first posted 1 December 1997, most recent version [#23] 19 September 2019; <https://www.ndsu.edu/pubweb/~esslinge/chcklst/chcklst7.htm>).

NUMBER OF PLANT TAXA IN NORTH CAROLINA BY STATUS

Numbers in the table indicate number of taxa – generally species as well as valid unique varieties and subspecies – for each group and status. Because many taxa have both an N.C. and a U.S. status, totals cannot be added across a complete line. The total number of species in North Carolina is an estimate of the species that do occur or have occurred at one time in the state.

GROUP	APPROXIMATE NUMBER IN NORTH CAROLINA	N.C. STATUS				U.S. STATUS		
		E	T	SC	SR	E	T	C
Vascular Plants	4423	172	159	121	295	17	10	2
Mosses	445	0	1	2	131	0	0	0
Liverworts	225	0	0	4	55	0	0	0
Hornworts	7	0	0	0	1	0	0	0
Lichens	220	1	0	2	25	1	0	0
Totals	5,320	173	160	129	507	18	10	2

Scientific Name

Common Name

Status

Rank

Region: Habitat Comments (Counties of Occurrence)

N.C. U.S.

N.C. Global

NORTH CAROLINA PLANT LIST – RARE

Vascular Plants

<i>Acmella repens</i>	SR-D	S1	G5
Creeping Spotflower			
CP: low wet areas and floating mats in alluvial forests and swamps (Columbus, Robeson, Stanly*, Wake)			
<i>Acmispon helleri</i>	T	S3	G3
Carolina Birdfoot-trefoil			
P: woodlands and openings, generally on clayey soils, roadsides (Cabarrus, Caswell, Catawba*, Davidson, Davie*, Granville, Iredell*, Mecklenburg, Moore, Person, Randolph, Rockingham, Rowan, Stanly, Union, Wake, Warren*)			
<i>Aconitum reclinatum</i>	SR-T	S3	G3G4
Trailing Wolfsbane			
M: rich coves, seepage slopes, boulderfields, rocky stream banks, mainly associated with mafic rocks (Ashe, Avery, Buncombe, Caldwell*, Cherokee, Clay*, Graham, Haywood, Henderson, Jackson, Macon, Madison, Mitchell, Swain*, Transylvania*, Watauga, Yancey)			
<i>Adiantum capillus-veneris</i>	T	S1	G5
Venus Hair Fern			
C: coquina limestone (marl) outcrops, also adventitious on mortar of old stone walls in Wilmington, New Hanover County (Buncombe*, Columbus, Swain)			
<i>Adlumia fungosa</i>	SC-V	S2	G4
Climbing Fumitory			
M: coves and cliffs (Alleghany, Avery, Buncombe, Graham, Haywood, Henderson, Jackson*, Macon, Madison, Mitchell, Swain, Yancey)			
<i>Aeschynomene virginica</i>	T	T	SH G2
Sensitive Jointvetch			
TC: freshwater to slightly brackish tidal marshes and wet ditches (Beaufort, Craven, Hyde, Lenoir*)			
<i>Agalinis virgata</i>	T	S2	G3G4Q
Branched Gerardia			
CS: savannas and depression pond shores (Brunswick, Carteret, Craven, Duplin*, New Hanover, Onslow, Pender, Scotland)			
<i>Agastache nepetoides</i>	SR-P	S1	G5
Yellow Giant-hyssop			
P: oak-hickory forests, especially over mafic rocks (Buncombe, Caswell, Durham, Graham, Granville, Madison*, Mitchell, Moore, Orange, Polk, Stokes*, Surry*, Transylvania*, Wake*, Warren*)			

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Agrostis altissima</i> Tall Bentgrass C: wet savannas (Brunswick, Carteret, Onslow, Pender)	SR-T		S2	G4
<i>Agrostis mertensii</i> Arctic Bentgrass M: high elevation rocky summits and balds (Avery, Mitchell*, Yancey)	E		S1	G5
<i>Aletris lutea</i> Yellow Colic-root C: pine savannas (Pender)	T		S1	G4G5
<i>Allium allegheniense</i> Allegheny Onion M: rock outcrops and woodlands over mafic rock at moderate to high elevations (Ashe, Buncombe, Caldwell)	SC-V		S1	G3?
<i>Allium keeverae</i> Keever's Onion P: thin soils around rock outcrops, receiving nutrient-rich seepage (Alexander, Wilkes)	SC-V		S2	G2
<i>Allium</i> sp. 1 Savanna Onion C: wet savannas (Brunswick, Onslow, Pender)	SR-L		S1S2	G1G2
<i>Alnus crispa</i> Green Alder M: balds (Avery, McDowell, Mitchell)	SC-V		S1	G5
<i>Amaranthus pumilus</i> Seabeach Amaranth T: ocean beaches and island-end flats (Brunswick, Carteret, Currituck, Dare, Hyde*, New Hanover, Onslow, Pender)	T	T	S1	G2
<i>Amorpha confusa</i> Savanna Indigo-bush C: wet savannas (Bladen*, Brunswick, Columbus, New Hanover*)	T		S3	G3
<i>Amorpha georgiana</i> Georgia Indigo-bush CS: mesic to moist terraces along blackwater streams and ecotones between pocosins and savannas (Cumberland, Harnett, Hoke, Lee, Lenoir*, Moore, Pender, Richmond, Robeson*, Scotland)	E		S2	G3
<i>Amphicarpum muehlenbergianum</i> Florida Peanut-grass C: natural depression ponds, flatwoods ponds, clay-based Carolina bays (Hoke, Robeson, Scotland)	E		S1	G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Andropogon mohrii</i> Bog Bluestem C: wet savannas (Brunswick, Carteret, Columbus, Craven, Onslow, Pender, Robeson*, Scotland, Washington*)	SR-O		S2	G4?
<i>Anemone berlandieri</i> Southern Anemone P: thin soils around rock outcrops, usually on basic soil (Alexander*, Anson, Mecklenburg*, Montgomery, Moore, Orange, Polk*, Randolph, Rowan*, Rutherford, Stanly, Union)	E		S2	G4?
<i>Anemone caroliniana</i> Prairie Anemone P: clayey woodlands over mafic rocks (Mecklenburg, Rutherford, Stanly*)	E		S1	G5
<i>Anticlea glauca</i> White Camas M: calcareous rock outcrops (Buncombe*, McDowell, Yancey)	SR-P		S1	G4G5
<i>Arabis adpressipilis</i> Hairy Rockcress PM: thin soils around basic rock outcrops (Alexander, Buncombe)	E		S1	G4Q
<i>Arabis patens</i> Spreading Rockcress M: thin soils around limestone and nutrient-rich seepage from amphibolite (Madison, Rutherford, Swain)	SR-T		S1	G3
<i>Arenaria lanuginosa</i> var. <i>lanuginosa</i> Spreading Sandwort TC: maritime grasslands and forests, other sandy sites, shell middens, coquina limestone (marl) outcrops (Beaufort*, Brunswick*, Carteret*, Dare*, Jones, Onslow, Pender*)	SR-P		S1	G5T5
<i>Arethusa bulbosa</i> Bog Rose MP: bogs (Alleghany, Ashe*, Avery, Forsyth*, Henderson*, Transylvania)	E		S1	G5
<i>Aristida condensata</i> Big Three-awn Grass C: bay rims with xeric pine-oak scrub (Bladen, Brunswick, Hoke*, New Hanover, Pender, Richmond*, Scotland*)	T		S2	G4?
<i>Aristida simpliciflora</i> Chapman's Three-awn C: wet savannas (Brunswick, Columbus, Onslow, Pender)	E		S1S2	G3G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Aristida tenuispica</i> Hillsboro Three-awn Grass C: xeric sandhill scrub (New Hanover, Pender)	SR-P		S1	G5
<i>Arnoglossum ovatum</i> var. <i>lanceolatum</i> Savanna Indian-plantain C: wet savannas (Bladen*, Brunswick, Columbus, Jones, Onslow, Pender)	E		S2	G4G5TNR
<i>Asclepias cinerea</i> Carolina Milkweed C: pine savannas (Columbus*)	SC-H		SH	G4?
<i>Asclepias pedicellata</i> Savanna Milkweed C: dry savannas and moist flatwoods (Bladen, Brunswick, Carteret, Columbus, New Hanover, Onslow, Pender, Sampson)	SC-V		S3	G4
<i>Asclepias purpurascens</i> Purple Milkweed PMC: swamps, bottomlands, edges of moist woods (Bertie*, Burke, Davidson, Durham, Granville, Hertford, Johnston, Moore, Pender, Person, Union, Wilkes)	SR-T		S1?	G5?
<i>Asemeia grandiflora</i> Showy Milkwort SC: sandhills (Brunswick, Hoke, Richmond, Robeson, Scotland)	SR-P		S2	G5?
<i>Asplenium bradleyi</i> Bradley's Spleenwort PM: acidic rock outcrops and cliffs (Burke, Cleveland*, Gaston, McDowell, Orange, Polk, Rutherford, Stokes)	SR-P		S2	G4
<i>Asplenium heteroresiliens</i> Carolina Spleenwort C: coquina limestone outcrops (Bladen, Craven, Jones, Onslow*)	E		S2	G2
<i>Asplenium monanthes</i> Single-sorus Spleenwort M: outcrops near waterfalls in escarpment gorges (Jackson, Transylvania)	E		S1	G4
<i>Asplenium pinnatifidum</i> Lobed Spleenwort PM: acidic rock outcrops and cliffs (Caldwell*, Henderson, Macon, Madison, Polk, Rutherford, Transylvania, Wilkes)	SR-P		S2	G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Asplenium ruta-muraria</i> var. <i>cryptolepis</i> American Wall-rue M: limestone outcrops (Burke, Madison, McDowell)	SC-V		S1	G5T5
<i>Astragalus michauxii</i> Sandhills Milk-vetch SC: dry to xeric longleaf pine-oak woodlands and river-deposited sandhills (Bladen, Cumberland, Harnett, Hoke, Moore, New Hanover*, Pender, Richmond, Robeson*, Sampson, Scotland)	SC-V		S3	G3
<i>Athyrium angustum</i> Northern Lady Fern M: rock outcrops and forests at high elevations (Avery, Mitchell)	SR-P		S1	G5
<i>Baccharis glomeruliflora</i> Silverling T: shrubby areas on margins of brackish marshes (Brunswick, New Hanover*, Pender)	E		S1	G4
<i>Bacopa caroliniana</i> Blue Water-hyssop C: Shallow ponds, marshes, natural lakes, and tidal creeks (Bladen, Brunswick, Columbus, New Hanover, Onslow, Pender)	T		S1	G4G5
<i>Bacopa innominata</i> Tropical Water-hyssop C: tidal freshwater marshes (Chowan*, New Hanover*, Pender*)	SC-H		SH	G3G5
<i>Bacopa rotundifolia</i> Round-leaf Water-hyssop C: natural lakes (Hyde*, Pender)	SR-D		S1	G5
<i>Balduina atropurpurea</i> Purple Honeycomb-head C: savannas (Bladen, Brunswick*)	E		S1	G2
<i>Baptisia aberrans</i> Prairie Blue Wild Indigo P: glades and open forests on basic soils (Cabarrus*, Caswell, Durham, Granville, Montgomery, Orange*, Person*)	E		S2	G2
<i>Baptisia alba</i> Thick-pod White Wild Indigo PCS: open woodlands, clearings (Anson, Cabarrus, Davidson, Johnston, Montgomery, Randolph, Rutherford, Stanly, Union)	T		S2	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Baptisia bracteata</i> Creamy Wild Indigo P: open woodlands (McDowell*)	SC-H		SH	G4?
<i>Berberis canadensis</i> American Barberry PM: open forests and glades on basic soils (Alamance*, Alexander*, Buncombe*, Catawba, Davidson, Durham, Granville, Guilford*, Haywood*, Iredell*, Macon, Madison, McDowell, Montgomery, Orange*, Person*, Randolph*, Rockingham, Rutherford, Swain*, Transylvania*)	SC-V		S2	G3G4
<i>Betula cordifolia</i> Mountain Paper Birch M: high elevation forests and landslide scars (Orange, Yancey)	SC-V		S1	G5
<i>Bidens trichosperma</i> Crowned Beggar-ticks CT: brackish marshes (Beaufort*, Chowan*, Craven*, Dare, Tyrrell*)	SR-P		S1	G5?
<i>Boltonia asteroides</i> var. <i>glastifolia</i> White Doll's-daisy CS: clay-based Carolina bays, marshes, savannas (Brunswick, Camden*, Columbus, Hoke, New Hanover, Robeson, Scotland)	SR-O		S2	G5TNR
<i>Borodinia missouriensis</i> Missouri Rockcress P: thin soils around basic rock outcrops (Anson, Madison, Stanly, Union)	SR-D		S1S2	G5
<i>Botrychium angustisegmentum</i> Lance-leaf Moonwort MP: cove forests (Burke, Macon, McDowell)	SR-P		S1	G4
<i>Botrychium matricariifolium</i> Daisy-leaf Moonwort MP: cove forests (Avery, Burke, Haywood, Jackson, Mitchell, Swain, Yancey)	SR-P		S1	G5
<i>Botrychium simplex</i> var. <i>simplex</i> Least Moonwort M: open, grassy sites (Haywood, Jackson, Mitchell, Transylvania)	SR-P		S2	G5T3T4
<i>Bouteloua curtipendula</i> var. <i>curtipendula</i> Sideoats Grama M: dry rocky slopes and bluffs (Swain)	T		S1	G5T5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Bromus ciliatus</i> Fringed Brome M: moist areas near high elevation grassy balds (Alexander, Ashe, Buncombe, Haywood, Henderson, Jackson, Mitchell, Transylvania, Watauga)	SC-V		S1	G5
<i>Bromus latiglumis</i> Riverbank Brome M: river floodplains (Alleghany, Ashe, Jackson, Swain)	SR-P		S1	G5
<i>Buchnera americana</i> American Bluehearts MPS: glades, open forests, streambanks, probably primarily over mafic or calcareous rocks (Cherokee, Cumberland*, Durham*, Harnett*, Orange*, Polk*, Rowan, Sampson*, Union, Wake*)	E		S1	G5?
<i>Buckleya distichophylla</i> Piratebush M: bluffs, dry slopes, forests on lower slopes (Buncombe, Haywood, Macon, Madison, Mitchell, Swain*)	T		S2	G3
<i>Bulbostylis warei</i> Ware's Hair Sedge T: interdunes, riverine sandhills, and other xeric sand deposits (Brunswick*)	SC-H		SH	G3G4
<i>Calamagrostis cainii</i> Cain's Reedgrass M: high elevation rocky summits (Buncombe, Yancey)	E		S1	G1
<i>Calamagrostis canadensis</i> var. <i>canadensis</i> Canada Reedgrass M: bogs and moist areas around high elevation rock outcrops (Alleghany, Ashe, Avery, Haywood*, Jackson, Macon, Mitchell*, Watauga*)	SC-V		S1	G5T5
<i>Calamagrostis porteri</i> Porter's Reed Grass M: middle elevation ridgetop forests (Cherokee, Clay, Graham, Jackson, Macon, Mitchell, Rutherford, Surry, Transylvania*)	SR-P		S2	G4
<i>Callitriche terrestris</i> Terrestrial Water-starwort CP: low, wet places (Granville, Moore, Richmond, Stanly, Union)	SR-O		S2?	G5
<i>Calopogon multiflorus</i> Many-flower Grass-pink C: savannas (Brunswick, Carteret, Onslow, Pender)	E		S1	G2G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Caltha palustris</i> var. <i>palustris</i> Marsh Marigold M: boggy sites (Alleghany, Ashe, Avery*, Buncombe*, Madison*, Watauga, Yancey*)	E		S1	G5T5
<i>Camassia scilloides</i> Wild Hyacinth CP: rich levees, slopes, and bottomlands (Alleghany, Franklin, Northampton, Vance)	T		S1	G4G5
<i>Campanula rotundifolia</i> Bluebells M: high elevation rocky summits (Ashe)	E		S1	G5
<i>Cardamine clematitis</i> Mountain Bittercress M: high elevation seeps, shaded outcrops, and streambanks (Avery, Buncombe, Burke, Caldwell, Clay, Graham, Haywood, Jackson, Macon, Mitchell, Swain, Transylvania, Watauga, Yancey)	SR-T		S2S3	G3
<i>Cardamine dissecta</i> Dissected Toothwort PM: rich woods, cove forests, bottomlands (Anson, Davidson, Durham, Guilford*, Mecklenburg, Montgomery, Randolph, Rowan, Rutherford*, Union)	SC-V		S2	G4?
<i>Cardamine douglassii</i> Douglass's Bittercress P: bottomlands, rich lower slopes (Cumberland, Durham, Granville, Harnett, Hertford*, Northampton, Orange*, Wake)	SR-P		S2	G5
<i>Cardamine longii</i> Long's Bittercress C: tidal marshes and tidal cypress-gum forests (Bladen, Columbus, Craven*, New Hanover, Onslow, Pender, Robeson, Washington)	SC-V		S2	G3?
<i>Cardamine micranthera</i> Small-anthered Bittercress P: seeps, streamside sandbars, and floodplain depressions (Forsyth*, Stokes)	E	E	S1	G2
<i>Cardamine rotundifolia</i> Mountain Watercress MP: seeps, banks of mountain brooks (Alleghany, Ashe, Mitchell, Stokes, Watauga, Yancey)	SR-P		S2	G4
<i>Carex amplisquama</i> Fort Mountain Sedge M: rich woods (Henderson, Polk, Transylvania)	SR-O		S2	G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Carex aquatilis</i> var. <i>substricta</i> Aquatic Sedge M: mafic fens at high elevation (Ashe, Macon)	SR-P		S1	G5TNR
<i>Carex arctata</i> Black Sedge M: northern hardwood and spruce forests, bog edges (Ashe, Watauga)	SC-V		S1	G5
<i>Carex argyrantha</i> Hay Sedge M: wet meadows (Ashe)	E		S1	G5
<i>Carex austrodeflexa</i> Canebrake Sedge CS: streamhead pocosins and floodplains of small blackwater streams (Brunswick, Harnett, Hoke, Moore, Onslow, Pender, Richmond, Scotland)	SR-L		S3	G3G4
<i>Carex baileyi</i> Bailey's Sedge M: bogs and seeps (Alleghany, Ashe, Avery, Haywood, Henderson, Jackson, Mecklenburg*, Transylvania, Watauga)	SR-P		S2	G4
<i>Carex barrattii</i> Barratt's Sedge MS: seepage slopes (Harnett*, Henderson*)	SC-H		SH	G4
<i>Carex basiantha</i> Widow Sedge C: mesic forests, bottomlands, and lower slopes, over calcareous rock (Jones, Pender)	E		S1	G5
<i>Carex bushii</i> Bush's Sedge PM: open wet areas (Ashe*, Cabarrus, Durham*, Gaston*, Granville*, Johnston*, Nash*, Orange, Rowan, Stanly)	SR-P		S1	G4
<i>Carex buxbaumii</i> Brown Bog Sedge MP: bogs and fens (Alleghany, Ashe, Avery, Forsyth*, Henderson, Watauga, Yancey)	SC-V		S2	G5
<i>Carex calcifugens</i> Calcium-fleeing Sedge C: mesic deciduous forests and maritime woodlands (Brunswick, Carteret, Dare, Onslow)	SC-V		S2?	G3
<i>Carex careyana</i> Carey's Sedge M: rich cove forests (Jackson)	T		S1	G4G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Carex cherokeensis</i> Cherokee Sedge MP: floodplains (Bertie, Cherokee, Clay, Macon, Madison, Pender, Polk)	T		S1	G4G5
<i>Carex conoidea</i> Cone-shaped Sedge MP: bogs (Alleghany, Ashe, Iredell*)	T		S1	G5
<i>Carex cristatella</i> Small-crested Sedge M: grassy balds, bogs (Jackson*, Swain*, Yancey)	SC-V		S1	G5
<i>Carex crus-corvi</i> Crowfoot Sedge C: swamp forests (Bertie, Bladen, Columbus, Craven, Currituck, Durham, Edgecombe*, Halifax, Johnston, Lenoir, Martin, Northampton, Pitt, Wayne)	SR-P		S1	G5
<i>Carex decomposita</i> Cypress Knee Sedge C: beaver ponds, old millponds; often on <i>Taxodium ascendens</i> trunks and knees (Brunswick, Camden, Chowan, Cumberland, Currituck, Gates, New Hanover*, Richmond, Scotland, Warren*)	SR-O		S2	G3G4
<i>Carex disjuncta</i> Silvery Sedge CS: beaver ponds, old millponds, impoundments; usually on <i>Nyssa biflora</i> (Dare, Hoke, Hyde, Richmond, Scotland, Tyrrell)	SR-P		S2	G5
<i>Carex eburnea</i> Bristle-leaf Sedge M: calcareous outcrops (Madison*)	T		S1	G5
<i>Carex emmonsii</i> Emmons's Sedge CS: moist woods and stream banks (Columbus, Harnett*, Hoke, Johnston*, Jones, Moore, Northampton*, Onslow, Pender, Tyrrell, Washington, Wayne*)	SR-O		S2	G5
<i>Carex exilis</i> Coastal Sedge S: seepage slopes, wet seepy powerlines (Cumberland, Harnett, Hoke, Moore*)	E		S2	G5
<i>Carex hitchcockiana</i> Hitchcock's Sedge M: moist to dryish forests over calcareous or mafic rocks (Ashe, Buncombe, Jackson, Macon, McDowell)	SR-P		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Carex hormathodes</i> Mash Straw Sedge C: freshwater and slightly brackish tidal marshes (Currituck)	T		S1	G4G5
<i>Carex impressinervia</i> Ravine Sedge CP: rich alluvial forests (Anson, Harnett, Montgomery, Stanly, Union)	SC-V		S2	G2
<i>Carex jamesii</i> James's Sedge PC: rich woods, especially over mafic rocks (Bertie, Caswell, Cumberland, Durham, Halifax, Harnett, Lee, Martin, Moore, Northampton)	SC-V		S2	G5
<i>Carex lasiocarpa</i> var. <i>americana</i> Slender Sedge M: high elevation fens over amphibolite (Ashe)	SC-V		S1	G5T5
<i>Carex lupuliformis</i> False Hop Sedge CP: moist bottomlands, especially in calcareous or mafic areas (Bertie, Brunswick, Chowan, Craven*, Forsyth*, Jones, Moore, Sampson, Tyrrell)	SR-P		S1	G4
<i>Carex lutea</i> Golden Sedge C: ecotones between very wet clay savannas and swamp forests (Onslow, Pender)	E	E	S2	G2
<i>Carex meadii</i> Mead's Sedge P: low wet places over diabase (Durham*, Granville, Macon, Wake*)	E		S1	G4G5
<i>Carex molestiformis</i> Ozark Plateau Sedge M: bottomland forests (Alleghany)	SR-D		S1	G4
<i>Carex oligocarpa</i> Rich-woods Sedge CM: rich woods, mostly over calcareous or mafic rocks (Carteret)	T		S1	G4G5
<i>Carex oligosperma</i> Few-seeded Sedge M: seeps and bogs (Avery, Mitchell, Watauga)	E		S1	G5
<i>Carex pedunculata</i> var. <i>pedunculata</i> Longstalk Sedge M: rich cove forests (Buncombe, Henderson, Polk, Transylvania)	SC-V		S2	G5TNR

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Carex pellita</i> Woolly Sedge P: wet meadows (Cabarrus)	SR-P		S1	G5
<i>Carex projecta</i> Necklace Sedge CMP: bogs, marshes, swamps, brownwater floodplain forests and openings (Avery, Cherokee, Cumberland*, Henderson, Iredell*, Lee, Madison, Mecklenburg, Mitchell, Swain*, Transylvania, Wilkes)	SR-P		S1	G5
<i>Carex purpurifera</i> Purple Sedge M: low elevation, rich forests over limestone or marble (Cherokee, Clay, Graham, Macon, Swain)	SR-P		S3	G4?
<i>Carex radfordii</i> Radford's Sedge M: rich cove forests in the Blue Ridge escarpment region (Jackson, Polk, Transylvania)	T		S1	G3
<i>Carex reniformis</i> Kidney Sedge CP: swamps, open wet areas (Bladen, Johnston*, Pender, Sampson, Wake*)	T		S1	G4?
<i>Carex roanensis</i> Roan Sedge M: forests (Ashe, Avery, Buncombe, Haywood, Madison*, McDowell, Mitchell, Transylvania, Watauga, Yancey)	SR-T		S2	G2G3
<i>Carex socialis</i> Social Sedge C: streambeds and riverbanks (Bladen, Brunswick, Columbus, Cumberland, Pender)	SR-P		S1	G4
<i>Carex</i> sp. 2 Fen Sedge M: seepage over mafic or ultramafic rocks (Alleghany)	SR-T		S1	G1
<i>Carex superata</i> Limestone Forest Sedge P: mesic hardwood forests (Anson)	T		S1?	G4?
<i>Carex tenax</i> Wire Sedge CS: xeric sandhills (Moore, Wayne*)	E		S1	G5?

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Carex trichocarpa</i> Hairy-fruit Sedge M: marshy bogs (Alleghany, Ashe*, Buncombe, Haywood*)	SC-V		S1	G4
<i>Carex trisperma</i> Three-seeded Sedge M: bogs, wet forests at high elevations (Ashe, Avery, Buncombe*, Mitchell*, Swain*, Watauga)	E		S1	G5
<i>Carex utriculata</i> Beaked Sedge M: wet meadows (Alleghany, Henderson)	E		S1	G5
<i>Carex verrucosa</i> Warty Sedge CS: savannas and pinelands (Beaufort*, Brunswick, Columbus*, Cumberland, Dare, Hoke, New Hanover, Onslow, Pender, Robeson, Scotland)	SR-P		S2	G4
<i>Carex vesicaria</i> Inflated Sedge M: bogs (Alleghany, Ashe, Avery, Dare)	E		S1	G5
<i>Carex vestita</i> Velvet Sedge P: low woods (Chatham*, Durham*, Polk)	T		S1	G5
<i>Carya laciniosa</i> Big Shellbark Hickory PC: brownwater river levees (Bertie, Durham, Halifax, Iredell)	T		S1	G5
<i>Carya myristiciformis</i> Nutmeg Hickory C: wet marl forests (Brunswick, Pender)	E		S1	G4
<i>Caulophyllum giganteum</i> Northern Blue Cohosh M: cove forests (Alleghany, Ashe, Graham)	SC-V		S1	G4G5
<i>Celastrus scandens</i> American Bittersweet MP: cove forests and rich woods (Buncombe, Burke, Caswell, Cherokee, Cleveland, Graham, Haywood*, Henderson, Jackson, Macon, Madison*, McDowell, Mitchell*, Randolph*, Rutherford, Surry, Swain*, Watauga*, Wilkes, Yancey*)	E		S2?	G5

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Ceratophyllum australe</i> Southern Hornwort CT: pools in maritime forests, possibly other natural depression wetlands (Carteret*, Chowan)	SR-P		S1	GNR
<i>Chamerion angustifolium</i> ssp. <i>circumvagum</i> Fireweed M: grassy balds, roadsides, disturbed areas (Alleghany, Avery, Caldwell, Haywood, Mitchell, Watauga, Yancey*)	E		S1	G5T5
<i>Chasmanthium nitidum</i> Shiny Spanglegrass C: blackwater bottomlands over marl (Brunswick, Pender*)	T		S1	G3G4
<i>Chelone cuthbertii</i> Cuthbert's Turtlehead MPC: bogs (Alleghany, Ashe, Avery, Burke, Catawba, Cumberland, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Stokes, Swain, Transylvania, Watauga, Wayne, Yancey)	SC-V		S3	G3
<i>Chelone obliqua</i> var. <i>erwiniae</i> Erwin's Turtlehead M: streambanks, swamp forests (Alleghany, Burke, Jackson, McDowell, Rutherford, Transylvania)	SR-T		S2	G4T2T4
<i>Chelone obliqua</i> var. <i>obliqua</i> Purple Turtlehead CPM: streambanks, swamp forests, ecotones of freshwater tidal marshes (Ashe, Gates, Graham, Hertford*, Swain, Watauga)	SR-T		S2	G4T3T4
<i>Chenopodium foggii</i> Fogg's Goosefoot M: rocky, mountain slopes (Haywood*)	SR-T		SH	G2G3
<i>Chenopodium simplex</i> Mapleleaf Goosefoot M: shaded situations, generally at cliff bases, rocky forests. (Alleghany, Ashe*, Jackson)	T		S1	G5
<i>Chrysoma pauciflosculosa</i> Woody Goldenrod C: riverine sand ridges and xeric pine-oak scrub (Columbus, Cumberland, Robeson)	E		S1	G4G5
<i>Cirsium carolinianum</i> Carolina Thistle P: forests and disturbed areas, mostly on basic soils (Burke, Cabarrus*, Granville, Madison, Mecklenburg, Montgomery, Onslow, Rowan, Rutherford, Wake*, Wilkes*)	E		S2	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Cirsium lecontei</i> LeConte's Thistle C: savannas (Bladen*, Brunswick, Carteret, Columbus, Craven, Onslow, Pender, Robeson*)	SC-V		S2	G3
<i>Cirsium nuttallii</i> Nuttall's Thistle C: pine savannas, roadsides, pastures (Columbus, Pender)	SR-P		S1	G5
<i>Clematis catesbyana</i> Coastal Virgin's-bower TCM: dunes, edges of maritime forests, or over dolomite (Carteret, Currituck*, Dare, Jones, McDowell, Onslow, Rutherford, Wake*)	SR-P		S2	G4G5
<i>Clematis occidentalis</i> var. <i>occidentalis</i> Mountain Clematis M: montane oak forests and northern hardwood forests (Ashe, Buncombe)	SC-V		S1	G5T5
<i>Clinopodium georgianum</i> Georgia Calamint SC: rock ledges near blackwater streams and disturbed pine-oak uplands (Anson, Brunswick, Pender, Richmond, Robeson*)	E		S1	G5
<i>Collinsonia tuberosa</i> Piedmont Horsebalm PM: rich hardwood forests (Alamance*, Anson, Chatham, Davie, Guilford*, Henderson*, McDowell, Mecklenburg, Montgomery, Polk, Rutherford)	SR-P		S1S2	G3G4
<i>Collinsonia verticillata</i> Whorled Horsebalm PM: cove forests (Burke, Madison, Polk)	T		S2	G3G4
<i>Conioselinum chinense</i> Hemlock-parsley M: high elevation seepage slopes (Avery)	T		S1	G5
<i>Coptis trifolia</i> Goldthread M: bogs, northern hardwood forests (Alleghany, Ashe*)	T		S1	G5
<i>Corallorhiza maculata</i> var. <i>maculata</i> Spotted Coralroot M: northern hardwood forests (Buncombe*, Haywood*, Henderson*, Jackson*, Macon*, McDowell*, Transylvania, Watauga*, Yancey*)	SR-P		S1	G5T5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Corallorhiza wisteriana</i> Spring Coral-root MPCT: nutrient-rich forests, especially over limestone, mafic rocks or shell rich sands (Buncombe, Carteret*, Catawba*, Cleveland, Davie*, Durham*, Graham*, Harnett, Jackson*, Macon*, Madison, McDowell, New Hanover, Orange*, Polk*, Rutherford, Surry*)	SR-O		S1	G5
<i>Coreopsis aristulata</i> Short-awned Coreopsis C: wet savanna with calcareous influence (Onslow, Pender)	T		S1	G1
<i>Coreopsis grandiflora</i> var. <i>grandiflora</i> Large-flowered Tickseed M: acidic glades (Jackson, Macon)	SR-O		S1	G5T4T5
<i>Coreopsis palustris</i> Beadle's Coreopsis C: swamp forests and swamp edges (Beaufort*, Brunswick, Carteret, Columbus, Craven*, Duplin*, Jones*, Onslow, Pender, Pitt*)	SR-P		S1S2	G3G4Q
<i>Corydalis micrantha</i> Slender Corydalis PM: thin, circumneutral soils on rock outcrops or cliffs (Alexander, Carteret, Jackson*, Madison)	T		S1	G5
<i>Coryphopteris simulata</i> Bog Fern M: bogs (Alleghany, Avery)	E		S1	G4G5
<i>Crataegus coccinea</i> Scarlet Hawthorn MP: deciduous forest understories, pastures, upland thickets (Alexander*, Alleghany*, Ashe)	SR-P		S2?	G5
<i>Crataegus munda</i> var. <i>munda</i> Batesburg Hawthorn C: xeric or subxeric forests, scrublands, disturbed woodlands (Bladen, Cumberland*, Sampson, Wake)	SR-T		S2?	G4G5TNR
<i>Crataegus pallens</i> Pale Hawthorn M: slopes and rock outcrops, especially over mafic substrates (Buncombe)	T		S1	G1
<i>Crataegus senta</i> A Hawthorn CM: upland hills, disturbed forests, pastures (Buncombe*)	SR-T		S1?	G2

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Crataegus succulenta</i> var. <i>succulenta</i> Fleshy Hawthorn M: high elevation rocky summits, mesic forests, pastures, especially over basic soil or mafic substrate (Ashe*, Buncombe, Orange*)	SR-P		S1S2	G5T5
<i>Crinum americanum</i> var. <i>americanum</i> Swamp-lily C: tidal swamp forests, tidal marshes (New Hanover*)	SC-H		SH	G5T5
<i>Crocانthemum bicknellii</i> Plains Sunrose M: rock outcrops, glades, fens (Ashe, Buncombe, Haywood, Henderson, Jackson*, Macon*, Swain*, Transylvania, Yancey)	SC-V		S1	G5
<i>Crocانthemum carolinianum</i> Carolina Sunrose CS: sandhills, pinelands, dry savannas (Brunswick, Carteret, Craven*, Cumberland*, Dare, Hoke, New Hanover, Onslow, Pender, Robeson, Sampson, Wilson*)	E		S1	G4
<i>Crocانthemum corymbosum</i> Pinebarren Sunrose TC: maritime forests (Brunswick, Carteret, Dare)	T		S1	G4G5
<i>Crocانthemum georgianum</i> Georgia Sunrose TC: maritime forests (Brunswick, Carteret, Dare, Hyde, New Hanover)	E		S1	G4
<i>Crocانthemum nashii</i> Florida Scrub Sunrose C: coastal fringe sandhill (Brunswick, New Hanover)	E		S1	G3?
<i>Crocانthemum propinquum</i> Creeping Sunrose MP: rock outcrops, glades (Alleghany, Ashe, Avery*, Buncombe*, Clay, Forsyth, Haywood, Henderson*, Macon, Stokes, Transylvania*, Watauga, Wilkes*, Yancey)	T		S1	G4
<i>Crocانthemum rosmarinifolium</i> Rosemary Sunrose SC: dry clearings and roadsides within longleaf pine ecosystems (Hoke, Richmond, Scotland)	T		S2	G4
<i>Croton monanthogynus</i> Prairie-tea Croton M: calcareous rock outcrops (Madison)	E		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Cuscuta cephalanthi</i> Buttonbush Dodder MP: on woody hosts (Alleghany)	SR-T		S1	G5
<i>Cuscuta coryli</i> Hazel Dodder CPM: on woody or herbaceous hosts (Burke, McDowell, Rutherford)	SR-T		S1?	G5?
<i>Cyperus dentatus</i> Toothed Flatsedge C: marshes (Brunswick*, Currituck*, Dare*)	SC-H		SH	G4
<i>Cyperus granitophilus</i> Granite Flatsedge P: granite flatrocks, other rock outcrops (Alexander*, Anson, Cabarrus, Forsyth*, Franklin, Granville*, Rutherford, Wake, Yadkin*)	T		S2	G3G4Q
<i>Cyperus lecontei</i> LeConte's Flatsedge C: limesink ponds (Brunswick, New Hanover*, Onslow)	T		S2	G4?
<i>Cyperus subsquarrosus</i> Small-flowered Hemicarpha CT: drawdown zones of blackwater rivers, salt marshes (Brunswick*, Columbus*, Dare*)	SC-H		SH	G5
<i>Cyperus tetragonus</i> Four-angled Flatsedge T: maritime forests and barrier island grasslands (Brunswick, Carteret, Dare, New Hanover*, Onslow, Pender)	SC-V		S2	G4?
<i>Cyperus virens</i> Green Flatsedge C: marshes and ditches (Brunswick, Carteret*, Columbus, Dare*, Hyde, New Hanover, Richmond, Tyrrell, Wake*)	SC-V		S1	G5
<i>Cypripedium parviflorum</i> var. <i>parviflorum</i> Small Yellow Lady's-slipper M: upper slopes of rich high elevation forests (Buncombe, Clay, Graham, Henderson, Jackson, Macon)	SR-T		S1S2	G5T3T5
<i>Cystopteris fragilis</i> Fragile Fern M: high elevation cliffs (Ashe, Haywood, Jackson, Mitchell, Watauga)	SR-P		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Cystopteris tennesseensis</i> Tennessee Bladder-fern CM: calcareous rock outcrops (Craven*, Graham*, Jones, Onslow*)	E		S1	G5
<i>Cystopteris tenuis</i> Upland Bladder-fern M: high elevation rocky summits, cliffs (Haywood, Transylvania, Watauga)	SR-P		S1	G5
<i>Dactylorhiza viridis</i> Long-bracted Frog Orchid MP: seeps in cove forests (Ashe, Avery*, Buncombe*, Forsyth*, Haywood*, Jackson*, Macon*, Watauga)	T		S1	G5
<i>Dalibarda repens</i> Robin Runaway M: bogs and moist woods under rhododendrons (Alleghany, Ashe, Transylvania)	E		S2	G5
<i>Danthonia epilis</i> Bog Oatgrass MS: seepage bogs, wet seepy powerlines (Burke, Cumberland, Harnett, Haywood, Henderson, Jackson, Macon, Montgomery, Moore, Richmond, Scotland, Transylvania)	SR-T		S3	G4
<i>Delphinium exaltatum</i> Tall Larkspur MP: grassy balds, glades, woodlands, mostly over mafic rock (Alleghany, Ashe, Avery, Caswell, Durham, Gaston*, Granville*, Haywood, Jackson, McDowell, Mecklenburg*, Mitchell*, Person, Watauga)	T		S2	G3
<i>Dendrolycopodium dendroideum</i> Prickly Ground-pine M: openings and balds (Ashe, Avery, Burke, Graham, Haywood, Henderson*, Jackson, Macon, Swain*, Transylvania*)	SR-P		S2	G5
<i>Dendrolycopodium hickeyi</i> Pennsylvania Ground-pine M: openings, balds, bog margins, and high elevation forests (Avery, Buncombe, Burke*, Haywood, Henderson, Jackson, Macon, Mitchell, Transylvania, Watauga, Yancey)	SR-P		S2?	G5
<i>Deschampsia cespitosa</i> ssp. <i>glauca</i> Tufted Hairgrass M: olivine barrens, high elevation outcrops of mafic rock (Alleghany, Clay)	T		S1	G5T5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Desmodium fernaldii</i> Fernald's Tick-trefoil SC: dry to mesic hardwood-pine woodlands (Brunswick*, Cumberland, Dare*, Duplin*, Edgecombe*, Gates*, Hoke, Jones*, Lenoir*, Martin*, Montgomery, Richmond, Scotland*, Washington*)	SR-P		S1	G4
<i>Desmodium ochroleucum</i> Creamy Tick-trefoil P: sandy or rocky woodland openings (Davie*, Orange*, Swain*)	SC-H		SH	G2G3
<i>Desmodium sessilifolium</i> Sessile Tick-trefoil P: open woodlands (Cabarrus*, Mecklenburg*)	SC-H		SH	G5
<i>Diarrhena americana</i> Eastern Beakgrass M: rich cove forest (Graham, Jackson)	T		S1	G4G5
<i>Dicentra eximia</i> Bleeding Heart MP: rock outcrops (Buncombe, Burke, Graham, Haywood, Henderson, Macon, Madison, McDowell, Mitchell, Rutherford, Swain, Transylvania, Watauga*, Yancey)	SR-P		S3	G4
<i>Dichantheium annulum</i> Ringed Witch Grass CP: dry sandy or rocky open woods and borders of thickets (Alleghany, Chatham*, Clay*, Dare*, Davie*, Durham, Lee*, Mecklenburg*, Montgomery*, Orange*, Person*, Rowan*, Stanly, Stokes*, Wake*)	E		S1	G4
<i>Dichantheium bicknellii</i> Bicknell's Witchgrass MPC: shaded to open woodlands (Alexander, Alleghany, Ashe, Columbus, Granville, Jackson, Macon, Madison, Mitchell, Montgomery, Moore*, Rowan, Union, Yancey)	SR-P		S2	G4?Q
<i>Dichantheium caeruleascens</i> Blue Witchgrass C: marshes, swamps, wet pinelands, maritime grasslands, damp sandy soil. (Brunswick*, Carteret, Currituck, Dare, Hyde, Onslow, Pender)	T		S2	G2G3
<i>Dichantheium cryptanthum</i> Hidden-flowered Witchgrass C: wet streamhead pocosin openings, including utility clearings (Bladen, Brunswick, Carteret, Cumberland, Harnett, Hoke, Johnston*, Moore, New Hanover*, Onslow, Pender, Richmond, Wake*)	SR-T		S2	G3G4Q

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Dichantheium fusiforme</i> Spindle-fruited Witchgrass CS: dry to moist sand of open pine and pine-oak woods and clearings. (Beaufort, Bladen*, Brunswick, Columbus*, Dare, Gates, Hoke, Jones, Moore*, Onslow, Richmond*)	SR-P		S1	G5?
<i>Dichantheium hirstii</i> Hirst Brothers' Witchgrass C: cypress savannas (Onslow)	E		S1	G1
<i>Dichantheium neuranthum</i> Nerved Witchgrass TP: maritime wet grasslands, Piedmont barrens (Brunswick*, Carteret*, Dare, Hyde, New Hanover*, Union)	SR-D		S1S2	G3
<i>Dichantheium spretum</i> Eaton's Witchgrass CP: wet sands and peats of bogs, savannas, meadows, and shores (Carteret, Craven, Onslow, Pender)	E		S1	G5
<i>Dichantheium strigosum</i> var. <i>glabrescens</i> Hairless Witchgrass C: low, open sandy pinelands (Onslow)	T		S1	G5T4T5
<i>Didiplis diandra</i> Water Purslane CS: sluggish streams and ponds (Chowan*, Edgecombe*, Harnett*, Hertford*, Johnston, Moore*, Nash, Perquimans*, Richmond, Wake, Warren*)	SR-P		S1	G5
<i>Didymoglossum petersii</i> Dwarf Filmy-fern M: moist rocks in humid gorges (Graham, Jackson, Macon, Transylvania)	SR-T		S2	G4G5
<i>Diervilla rivularis</i> Riverbank Bush-honeysuckle M: forests (Mitchell, Yancey)	T		S1	G3
<i>Dionaea muscipula</i> Venus Flytrap CST: savannas, seepage bogs, pocosin edges (Beaufort, Bladen, Brunswick, Carteret, Columbus, Craven, Cumberland, Duplin, Hoke, Jones, Lenoir*, Moore*, New Hanover, Onslow, Pamlico, Pender, Robeson*, Sampson)	T		S2	G2
<i>Diplachne maritima</i> Salt-meadow Grass CT: fresh to brackish tidal marshes (Brunswick, Currituck, Dare, Hyde, Tyrrell)	E		S1	G4Q

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Ditrysinia fruticosa</i> Sebastian-bush C: swamp forests (Brunswick, Columbus, Pender*, Robeson)	SR-P		S2	G5
<i>Draba ramosissima</i> Branching Draba MP: calcareous and mafic rock outcrops (Buncombe, Haywood, Jackson, Madison, Rutherford)	SR-P		S2	G4
<i>Drosera filiformis</i> var. <i>filiformis</i> Threadleaf Sundew C: depression ponds, wet borrow pits, and ditches in various habitats including savannas, riverine sand ridges, and bay rims (Bladen, Brunswick, Columbus, Duplin, New Hanover, Robeson, Sampson)	SC-V		S2	G4
<i>Echinacea laevigata</i> Smooth Coneflower P: glades, woodlands, and open areas over mafic rocks (Durham, Granville, Mecklenburg, Montgomery*, Orange*, Rockingham)	E	E	S1S2	G2G3
<i>Echinacea pallida</i> Pale Coneflower P: mafic glades and barrens (Gaston*, Granville, McDowell*, Mecklenburg*, Richmond, Rutherford)	SR-D		S1	G4
<i>Echinacea purpurea</i> Purple Coneflower M: open woods and clearings (Alleghany, Ashe, Chatham, Graham, Jackson*, Madison, McDowell, Randolph, Rutherford*, Vance, Warren, Yadkin*)	SR-O		S1	G4
<i>Eleocharis atropurpurea</i> Purple Spikerush C: clay-based Carolina bays (Scotland*)	SR-D		S1	G4G5
<i>Eleocharis cellulosa</i> Gulfcoast Spikerush CT: interdune ponds, brackish marshes and tidal freshwater marshes (Beaufort, Carteret, Dare, Hyde, Onslow*, Washington)	T		S2	G4G5
<i>Eleocharis elongata</i> Florida Spikerush C: limesink ponds (Brunswick, New Hanover, Onslow)	E		S1	G5?
<i>Eleocharis fallax</i> Creeping Spikerush C: fresh to brackish tidal marshes (Carteret*, Currituck, Dare, Jones, Onslow)	SR-T		S1S2	G4G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Eleocharis montevidensis</i> Sand Spikerush CT: maritime wet grassland (Currituck*, Dare, Hyde, Onslow)	SR-P		S1	G5
<i>Eleocharis parvula</i> Dwarf Spikerush CT: brackish and fresh marshes (Brunswick, Carteret, Craven*, Currituck, Dare, Gaston*, Hyde, Mecklenburg*, Onslow, Tyrrell)	T		S1	G5
<i>Eleocharis robbinsii</i> Robbins' Spikerush CS: limesink ponds, clay-based Carolina bays, peat-burn lakes, millponds, beaver ponds, artificial lakes (Bladen*, Brunswick, Carteret, Craven, Cumberland, Harnett, Hoke, Moore, New Hanover, Onslow, Sampson, Scotland, Washington)	SC-V		S2S3	G4G5
<i>Eleocharis rostellata</i> Beaked Spikerush CT: brackish marshes (Beaufort*, Brunswick, Camden, Carteret, Currituck, Dare, Hyde, Pamlico)	SR-O		S2	G5
<i>Eleocharis uniglumis</i> Saltmarsh Spikerush CT: brackish and freshwater marshes (Currituck*, Dare, Hyde*)	SR-P		S1	G5
<i>Eleocharis vivipara</i> Viviparous Spikerush C: bogs and pools (Bladen, Brunswick, Carteret, Hyde, Moore, New Hanover, Onslow, Pender, Tyrrell)	T		S1	G5
<i>Eleocharis wolfii</i> Wolf's Spikerush P: oak flatwoods, wet meadows (Cabarrus)	SR-T		S1	G3G5
<i>Elymus trachycaulus ssp. trachycaulus</i> Slender Wheatgrass M: olivine barrens (Clay)	T		S1	G5T5
<i>Elymus halophilus</i> Terrell Grass C: brackish marshes, maritime forests and hammocks (Beaufort, Brunswick, Carteret, Craven, Hyde, Washington)	SR-P		S1	G5
<i>Enemion biternatum</i> Eastern Isopyrum PC: rich bottomlands, levees, and lower slopes (Caswell, Chatham*, Cumberland, Durham, Franklin, Granville, Halifax, Harnett, Lee, Northampton, Orange*, Person, Vance)	SC-V		S2	G5

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Epidendrum conopseum</i> Green Fly Orchid C: epiphytic on trees in blackwater river swamps (Bladen, Brunswick, Columbus, New Hanover, Pender)	T		S1S2	G4
<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i> American Willow-herb M: seeps and bogs (Avery, Buncombe, Caldwell, Henderson, Jackson*, Macon, Madison, Mitchell*, Swain*, Watauga, Yancey*)	SR-P		S2	G5T5
<i>Erigenia bulbosa</i> Harbinger-of-spring MP: rich woods (Caswell, Graham)	T		S1	G5
<i>Eriocaulon aquaticum</i> Seven-angled Pipewort CS: blackwater creeks, natural lakes, tidal freshwater marshes (Bladen*, Brunswick*, Columbus, Craven*, Cumberland, Hoke, Moore, New Hanover, Perquimans*, Tyrrell, Washington)	SC-V		S2	G5
<i>Eriocaulon parkeri</i> Estuary Pipewort C: natural lakes (Craven, Hyde, Tyrrell*)	T		S1	G3
<i>Eriocaulon texense</i> Texas Hatpins S: streamhead seepage ecotones and seepage slopes (Cumberland, Richmond)	E		S1	G4
<i>Eriogonum tomentosum</i> Southern Wild-buckwheat C: sandhills (Bladen*)	SC-H		SH	G4G5
<i>Eryngium aquaticum</i> var. <i>ravenelii</i> Marsh Eryngo C: wet flatwoods with a calcareous influence, ditches (Pender)	SR-P		S1	G4T2T3
<i>Erythrina herbacea</i> Coralbean TC: maritime forests (Brunswick, Carteret*, New Hanover)	E		S2	G5
<i>Eupatorium leptophyllum</i> Limesink Dog-fennel C: limesink ponds and clay-based Carolina bays (Brunswick, New Hanover, Robeson, Scotland)	E		S2	G4G5
<i>Eupatorium paludicola</i> Bay Boneset C: cypress savannas, clay-based bays, and small depressions ponds (Brunswick, Onslow, Scotland)	E		S1S2	G2

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Eupatorium resinotum</i> Pine Barren Boneset			SR-O		S3	G3
SC: seepage bogs, impoundments, shrub swamps, openings in streamhead pocosins (Bladen, Cumberland, Harnett, Hoke, Moore, Robeson, Sampson, Scotland)						
<i>Eupatorium saltuense</i> Tall Boneset			SR-L		S1?	G4
P: upland forests, woodland borders (Burke, Caswell*, Granville, McDowell, Person, Rutherford, Sampson, Warren)						
<i>Euphorbia bombensis</i> Southern Seaside Spurge			SR-T		S2?	G4G5
T: seabeaches (Brunswick, Carteret, Dare, New Hanover, Onslow)						
<i>Euphorbia commutata</i> Cliff Spurge			T		S1	G5
MP: thin soil around mafic or calcareous outcrops (Buncombe, Caswell*, Haywood, Rutherford)						
<i>Euphorbia cordifolia</i> Heartleaf Sandmat			T		S1	G5
CS: sandhills (Bladen, Richmond*, Wayne*)						
<i>Euphorbia mercurialina</i> Cumberland Spurge			SC-V		S2	G4
P: rich slopes over gabbro (Anson, Montgomery, Moore, Richmond)						
<i>Euphorbia purpurea</i> Glade Spurge			SR-T		S3	G3
M: forests, especially over mafic rock (Ashe, Buncombe, Clay, Graham, Haywood, Jackson, Macon, Madison, Mitchell, Swain, Watauga*, Yancey)						
<i>Eurybia mirabilis</i> Piedmont Aster			SR-T		S3	G3
P: rich slopes and bottomlands (Anson, Macon*, Mecklenburg, Montgomery, Richmond, Stanly, Union)						
<i>Eurybia spectabilis</i> Showy Aster			SR-O		S2?	G5
CMP: pine barrens and woodland borders (Bertie*, Cabarrus*, Chatham, Chowan*, Craven*, Durham, Gates*, Granville, Hertford, Johnston, Jones, Lee*, Onslow, Pitt*, Polk, Robeson*, Rowan*, Stanly*)						
<i>Eustachys glauca</i> Saltmarsh Fingergrass			SR-P		SH	G4
T: salt marshes (New Hanover*)						

Scientific Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Filipendula rubra</i> Queen-of-the-prairie M: bogs, wet meadows (Buncombe*, Haywood, Macon, Transylvania*, Watauga, Yancey)	E		S1	G4G5
<i>Fimbristylis perpusilla</i> Harper's Fimbry C: drawdown zones of blackwater rivers (Brunswick, Columbus)	T		S1	G2
<i>Fimbristylis vahlii</i> Vahl Fimbry C: mudflats along rivers or reservoirs, also in sandy disturbed areas (Brunswick*)	SR-P		SH	G5
<i>Fleischmannia incarnata</i> Pink Thoroughwort PMC: rich woods and thin woodlands over diabase, calcareous rocks, other basic rocks, or rich alluvium (Alexander, Durham, Madison, Martin*, Polk, Richmond, Warren*, Wilkes)	SR-O		S2	G5
<i>Fothergilla major</i> Large Witch-alder MP: dry ridgetop or bluff forests, seepage wetlands, and Piedmont longleaf pine forests (Burke, Chatham, Gaston*, Harnett, Jackson, McDowell, Montgomery, Orange, Person, Polk, Rutherford, Stanly, Stokes, Surry, Transylvania, Wake)	SR-T		S3	G3
<i>Fragaria americana</i> American Woodland Strawberry M: native habitat unknown (Watauga*)	SR-P		S1	G5
<i>Frasera caroliniensis</i> Columbo M: deciduous forests on mafic soil (Cherokee, Clay, Graham, Macon)	SR-P		S2	G5
<i>Gaillardia aestivalis</i> var. <i>aestivalis</i> Sandhills Blanket-flower S: dry sandy roadsides, dry longleaf pine-oak uplands (Cumberland, Hoke, Moore*, Richmond, Scotland)	E		S2	G5TNR
<i>Galactia mollis</i> Soft Milk-pea CST: loamy sand depressions in longleaf pine-oak uplands (Brunswick*, Cumberland, Hoke, Richmond, Scotland, Wayne*)	T		S2	G4G5
<i>Gaylussacia brachycera</i> Box Huckleberry P: dry ridges and slopes (Durham)	E		S1	G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Gaylussacia nana</i> Dwarf Huckleberry C: coastal fringe sandhill (Brunswick, New Hanover)	E		S1	G4
<i>Gaylussacia orocola</i> Appalachian Dwarf Huckleberry M: bogs (Avery*, Buncombe*, Haywood*, Henderson, Macon*, Transylvania)	E		S1	G1
<i>Gelsemium rankinii</i> Swamp Jessamine C: floodplains of blackwater rivers and streams (Brunswick, Columbus, Cumberland*, New Hanover, Pender, Robeson)	SC-V		S1S2	G5
<i>Gentiana alba</i> Yellow Gentian M: habitat not known (Watauga*)	SC-H		SH	G4
<i>Gentiana latidens</i> Balsam Mountain Gentian M: moist open sites on rocky slopes at higher elevations (Haywood, Jackson, Macon*, Transylvania)	T		S1S2	G1G2
<i>Gentianopsis crinita</i> Fringed Gentian M: sunny or partially shaded seepage areas over calcareous, mafic, or ultramafic rocks (Ashe, Clay, Macon*, Watauga)	E		S1	G5
<i>Geum aleppicum</i> Yellow Avens M: bogs (Avery, Swain*)	E		S1	G5
<i>Geum geniculatum</i> Bent Avens M: high elevation forests, streambanks, seepage slopes (Avery, Caldwell, Mitchell, Watauga)	SC-V		S1S2	G2
<i>Geum laciniatum</i> Rough Avens M: bogs and wet meadows (Avery, Wilkes*)	E		S1	G5
<i>Geum radiatum</i> Spreading Avens M: high elevation rocky summits (Ashe, Avery, Buncombe, Burke*, Haywood, Mitchell, Transylvania, Watauga, Yancey)	E	E	S2	G2

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Gillenia stipulata</i>			T		S2	G5
Indian Physic						
P: forests and open woods, mainly over mafic rocks (Cabarrus*, Chatham*, Davidson, Durham, Granville, Lee*, McDowell, Montgomery, Moore*, Orange*, Person, Stokes, Surry, Transylvania, Union, Wake*)						
<i>Glyceria laxa</i>			SC-V		S2	G5
Lax Mannagrass						
M: seeps (Alleghany, Ashe, Avery, Buncombe, Henderson, Jackson*, Macon, Transylvania)						
<i>Glyceria nubigena</i>			SR-L		S2	G2G3
Smoky Mountain Mannagrass						
M: high elevation seeps (Graham, Haywood, Jackson, Swain, Transylvania)						
<i>Gratiola lutea</i>			SC-V		S1	G5
Golden Hedge-hyssop						
C: drawdown zones of blackwater rivers (Bladen, Brunswick, Columbus, Gates*, Pender, Sampson)						
<i>Gratiola ramosa</i>			SR-P		S1	G4G5
Branched Hedge-hyssop						
CS: cypress savannas and clay-based Carolina bays (Hoke, Robeson*, Scotland)						
<i>Gymnocarpium appalachianum</i>			T		S1	G3
Appalachian Oak Fern						
M: shaded and sheltered crevices on high elevation rocky summits (Ashe)						
<i>Hackelia virginiana</i>			SR-P		S2	G5
Virginia Stickseed						
MP: woods and thickets with circumneutral soil (Alexander, Alleghany, Ashe, Avery*, Buncombe, Burke, Caldwell, Clay*, Granville, Haywood*, Jackson*, Macon*, Madison, Martin, McDowell, Polk*, Rockingham, Rutherford, Surry*, Vance)						
<i>Harperella nodosa</i>			E	E	S1	G2
Harperella						
(= <i>Ptilmnum nodosum</i>) P: rocky riverbeds (Chatham, Granville, Lee)						
<i>Helanidium tenellum</i>			E		S1	G5?
Dwarf-burhead						
C: drawdown zones of clay-based Carolina bays and blackwater rivers (Brunswick*, Columbus*, Robeson, Scotland)						
<i>Helenium brevifolium</i>			E		S1	G4
Littleleaf Sneezeweed						
PMC: bogs, seeps, riverbanks, other wet sites (Alleghany, Brunswick*, Clay, Columbus, Davidson*, Henderson*, Iredell, Lenoir*, Lincoln, Montgomery, Rowan*, Stanly*, Wake*)						

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Helenium pinnatifidum</i> Dissected Sneezeweed C: savannas and open, wet, mucky sites (Bladen, Brunswick, Columbus, New Hanover*, Pender, Robeson*)	SR-P		S2	G4
<i>Helenium vernale</i> Spring Sneezeweed C: savannas and adjacent ditches (Brunswick, Columbus)	E		S1	G4?
<i>Helianthus floridanus</i> Florida Sunflower C: savannas and pocosins (Bladen, Brunswick, Columbus, Robeson)	T		S1	G3G4
<i>Helianthus laevigatus</i> Smooth Sunflower PM: shaly open woods and roadsides (Anson, Burke, Cabarrus, Cleveland*, Davidson, Jackson, McDowell, Montgomery, Rowan, Rutherford, Stanly, Transylvania, Union)	SC-V		S3	G4
<i>Helianthus occidentalis</i> ssp. <i>occidentalis</i> Naked-stem Sunflower M: Rocky or sandy flood-scoured riversides (Buncombe*, Macon*)	SC-H		SX	G5T5
<i>Helianthus schweinitzii</i> Schweinitz's Sunflower P: open woods, roadsides, and other rights-of-way (Anson, Cabarrus, Catawba, Davidson, Gaston, Guilford, Mecklenburg, Montgomery, Randolph, Richmond, Rowan, Stanly, Stokes, Surry, Union)	E	E	S3	G3
<i>Heliotropium curassavicum</i> var. <i>curassavicum</i> Seaside Heliotrope T: salt flats and salt marshes (Hyde*)	SR-P		SH	G5T5
<i>Helonias bullata</i> Swamp Pink M: bogs (Ashe, Henderson, Jackson, Macon, Transylvania)	T	T	S2	G3
<i>Heteranthera pauciflora</i> Atlantic Mud-plantain C: open pools in brownwater or blackwater river floodplains (Bertie*, Durham, Hertford, Martin, Pasquotank, Perquimans, Wake, Washington)	SR-P		S1	G3?
<i>Heuchera hispida</i> Hispid Alumroot P: rich, rocky woods (Alleghany, Ashe, Wilkes)	SR-P		S1	G3?

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Heuchera pubescens</i> Downy Alumroot MP: rock outcrops (Haywood*, Madison, Stokes*, Surry, Yadkin)	SR-P		S1	G4?
<i>Hexalectris spicata</i> Crested Coralroot PMC: dry or mesic woods on basic soils (Alleghany, Burke*, Cabarrus, Catawba, Clay, Cumberland, Davidson*, Davie*, Durham, Franklin*, Granville, Harnett, Hoke, Iredell, Jackson*, Johnston*, Jones*, Lincoln, Macon, Madison*, Mecklenburg, Orange, Polk*, Randolph, Rutherford, Stanly, Surry*)	SR-P		S2	G5
<i>Hexastylis contracta</i> Mountain Heartleaf M: acidic forests under rhododendron (Buncombe, Caldwell, Henderson)	E		S1	G3
<i>Hexastylis naniflora</i> Dwarf-flowered Heartleaf P: rich deciduous forests, bluffs, and ravines (Alexander, Burke, Caldwell, Catawba, Cleveland, Gaston, Iredell, Lincoln, Polk, Rutherford)	T	T	S3	G3
<i>Hexastylis rhombiformis</i> French Broad Heartleaf MP: cove forests (Buncombe, Burke, Henderson, Polk, Transylvania)	SR-L		S3	G3
<i>Hexastylis rosei</i> Rose's Heartleaf (= <i>Hexastylis</i> sp. 3) P: moist acid forests under <i>Rhododendron maximum</i> (Caldwell)	SR-L		S1	G1
<i>Hibiscus aculeatus</i> Comfortroot C: bay forests, sand ridges, and roadsides (Carteret, New Hanover, Robeson)	T		S1	G4G5
<i>Hierochloa hirta</i> Holy Grass M: bogs (Ashe, Macon, Watauga*)	SR-D		S1	G5
<i>Hottonia inflata</i> Featherfoil CPT: pools in blackwater or brownwater swamps, interdune ponds (Bertie, Dare, Edgecombe*, Gates, Halifax, Johnston, Lenoir, Martin, Tyrrell)	SC-V		S1?	G4
<i>Houstonia lanceolata</i> Glade Mountain Houstonia M: calcareous barrens, dry woodlands, shallow soils around mafic and calcareous rock outcrops (Burke, Cherokee*, Henderson*, Jackson*, Macon*, Madison*)	SR-P		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Houstonia montana</i> Roan Mountain Bluet M: high elevation rocky summits, grassy balds (Ashe, Avery, Caldwell, Mitchell, Watauga, Yancey)	E	E	S2	G2
<i>Houstonia procumbens</i> Creeping Bluet CT: beach dunes, moist to wet sandy pinelands (Brunswick)	SR-P		S1	G5
<i>Hudsonia montana</i> Mountain Golden-heather M: gorge rim outcrops, rocky summits, pine-oak/heath ridges (Burke, McDowell)	T	T	S1	G1
<i>Hudsonia tomentosa</i> Sand Heather T: openings in maritime forest, blowouts, and dunes (Currituck, Dare)	T		S2	G5
<i>Huperzia porophila</i> Rock Fir-clubmoss M: in spray zone of waterfalls (Ashe, Jackson, Macon, Polk*, Rutherford, Transylvania)	SR-P		S2	G4
<i>Hydrastis canadensis</i> Goldenseal MP: cove forests, other rich deciduous forests (Alleghany, Buncombe, Durham, Graham, Haywood, Jackson, Macon, Madison, McDowell, Mitchell, Polk*, Rockingham, Stokes, Swain, Watauga*, Yancey)	SC-V		S3	G3G4
<i>Hymenocallis occidentalis</i> var. <i>occidentalis</i> Woodland Spiderlily M: wooded hillsides (McDowell*)	SC-H		SH	G4?TNR
<i>Hymenocallis pygmaea</i> Waccamaw River Spiderlily C: banks of blackwater rivers (Brunswick, Columbus, Pender)	SC-V		S1	G2Q
<i>Hymenophyllum tayloriae</i> Gorge Filmy Fern M: moist grottoes and spray cliffs in escarpment gorges with high rainfall (Jackson, Macon, Transylvania)	SR-O		S1S2	G2
<i>Hypericum adpressum</i> Bog St. John's-wort C: streamside seepage areas, depression ponds and other isolated wetlands (Halifax*, Northampton*)	SC-H		SH	G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Hypericum brachyphyllum</i> Coastal Plain St. John's-wort C: wet pine savannas (Brunswick, Columbus, New Hanover, Onslow, Pender)	SC-V		S1S2	G5
<i>Hypericum fasciculatum</i> Peelbark St. John's-wort CS: beaver ponds, low pinelands, pools (Bladen*, Brunswick, Carteret, Columbus, Cumberland*, Moore, New Hanover*, Robeson)	E		S1	G5
<i>Hypericum radfordiorum</i> Radford's St. John's-wort P: thin soils around rock outcrops in the Brushy Mountains (Alexander, Caldwell*, Wilkes)	SC-V		S2	G2
<i>Hypericum suffruticosum</i> Pineland St. John's-wort C: pine savannas (Bladen*, Sampson*)	SC-H		SH	G4G5
<i>Hypoxis juncea</i> Fringed Yellow Stargrass C: savannas (Bladen, Brunswick, Carteret, Craven, Hoke, Pender)	SR-P		S1	G4?
<i>Hypoxis rigida</i> Stiff-leaved Yellow Stargrass CS: savannas and seepage slopes associated with streamheads (Brunswick, Cumberland, Hoke, Moore*)	SR-P		S2	G4
<i>Hypoxis sessilis</i> Sessile Yellow Stargrass CS: savannas, pinelands (Brunswick, Hoke, Pender, Robeson)	SR-P		S1	G4
<i>Ilex collina</i> Long-stalked Holly M: bogs, wet streamsides, or high elevation forests (Ashe, Haywood, Swain, Watauga)	SC-V		S1	G3
<i>Ilex longipes</i> Georgia Holly P: upland forests and woodlands (Anson*, Gaston, Iredell, Johnston*, Lincoln, Mecklenburg, Nash*, Rutherford, Union, Wilson*)	SR-P		S1	G5
<i>Ipomoea imperati</i> Beach Morning-glory T: sea beaches and foredunes (Brunswick, Carteret, Hyde, Onslow)	SC-V		S1	G5
<i>Ipomoea macrorhiza</i> Manroot TC: low marshy places, dunes (Brunswick*)	SC-H		SH	G3G5

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Iris prismatica</i> Slender Blue Iris CM: bogs, marshes, and wet powerline clearings (Anson, Beaufort, Brunswick, Camden*, Dare, Gates*, Harnett, Hoke, Johnston, Montgomery, New Hanover, Pamlico, Pasquotank*, Perquimans*)	SR-T		S1S2	G4G5
<i>Isoetes microvela</i> Thin-wall Quillwort C: emergent riverbanks, calcareous influenced riverbanks (Brunswick, Jones, Onslow, Pender, Sampson)	T		S1	G1
<i>Isoetes piedmontana</i> Piedmont Quillwort P: granite flatrocks and diabase glades (Anson, Franklin, Granville, Rowan, Rutherford, Wake)	T		S2	G4
<i>Isoetes virginica</i> Virginia Quillwort P: upland depression swamp forests, clayey soils (Caswell, Chatham*, Person, Rowan*, Union*)	SR-L		S1	G1
<i>Isolepis carinata</i> Keeled Beakrush PC: wet places, granitic flatrocks (Anson, Moore, Pender, Tyrrell, Union)	SR-P		S1	G5
<i>Isotria medeoloides</i> Small Whorled Pogonia MP: forests, especially with white pine (Burke, Cherokee, Guilford, Haywood, Henderson, Jackson, Macon, McDowell, Rutherford, Surry*, Transylvania, Yancey)	T	T	S1	G2G3
<i>Iva microcephala</i> Small-headed Marsh Elder C: clay-based Carolina bays (Robeson, Scotland)	T		S2	G5
<i>Jeffersonia diphylla</i> Twinleaf M: rich cove forests, especially over calcareous rocks (Jackson, Madison)	T		S1	G5
<i>Juncus articulatus</i> Jointleaf Rush C: marshes (Dare*)	SC-H		SH	G5
<i>Juncus caesariensis</i> New Jersey Rush M: seepage bog (Clay, Henderson)	E		S1	G2G3
<i>Juncus dudleyi</i> Dudley's Rush M: calcareous seepages and riverscours (Bladen*)	SR-P		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Juncus militaris</i> Bayonet Rush C: exposed peaty-sandy shorelines of lakes (Washington)	SR-D		S1	G5
<i>Juniperus communis</i> var. <i>depressa</i> Dwarf Juniper MP: high elevation granitic domes, low elevation rocky summits (Buncombe*, Cleveland, Gaston, Macon, Rutherford)	T		S1	G5T5
<i>Kalmia angustifolia</i> Sheep-laurel C: sandy, xeric to mesic hillsides (Gates)	T		S1	G5
<i>Koeleria spicata</i> ssp. <i>spicata</i> Soft Trisetum M: mountain cliffs at high elevations on metabasalt (Mitchell*)	SC-H		SH	G5TNR
<i>Lachnocaulon minus</i> Brown Bogbutton CS: depression ponds and ditches (Brunswick, New Hanover, Onslow, Pender, Robeson, Scotland)	T		S2	G3G4
<i>Lathyrus palustris</i> Marsh Peavine CT: bottomlands, streambanks, and marshes (Beaufort*, Chowan*, Gates, Herford, Martin* Perquimans*, Washington*)	SR-P		S1	G5
<i>Lechea maritima</i> var. <i>virginica</i> Maritime Pinweed T: barren dunefields with <i>Hudsonia tomentosa</i> (Currituck, Dare)	T		S1	G5T3Q
<i>Lechea torreyi</i> var. <i>congesta</i> Torrey's Pinweed CS: longleaf pine sandhills and pine flatwoods (Brunswick, Onslow, Pender)	E		S1	G4TNR
<i>Leersia lenticularis</i> Catchfly Cutgrass C: low woods (Bertie, Bladen, Chatham, Craven, Halifax, Johnston, Martin)	SR-P		S2?	G5
<i>Liatris aspera</i> Rough Blazing-star M: glades, open woods, fens (Ashe, Burke*, Cherokee, Clay*, Cleveland*, Henderson*, Jackson*, Macon*, McDowell, Polk*, Rutherford, Stanly, Stokes, Transylvania*)	SC-V		S1	G4G5
<i>Liatris helleri</i> Heller's Blazing-star M: high elevation rocky summits, cliffs (Ashe, Avery, Burke, Caldwell, Mitchell*, Watauga)	T	T	S2	G2Q

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Liatris microcephala</i> Small-head Blazing-star M: rock outcrops, glades, dry woodlands (Macon*, Polk*, Rutherford)	SC-V		S1	G3G4
<i>Liatris squarrulosa</i> Earle's Blazing-star PSM: diabase glades, open woods especially over mafic rocks; also loamy-sand soils in longleaf pine-oak sandhills (Anson, Bladen, Cumberland, Durham, Graham, Granville, Harnett*, Hoke, McDowell, Orange*, Person, Richmond, Robeson, Rutherford, Scotland, Stokes*, Swain*, Wake)	SR-P		S2	G4G5
<i>Liatris turgida</i> Shale-barren Blazing-star M: dry rocky woods (Buncombe*, Burke, Cleveland, Polk*, Rutherford)	SR-T		S1S2	G3
<i>Lilaeopsis carolinensis</i> Carolina Grasswort TC: freshwater marshes, pools, tidal marshes (Brunswick, Camden, Currituck, Dare, Hyde, Martin, New Hanover, Pasquotank, Perquimans, Washington)	SR-O		S2	G3G5
<i>Lilium canadense</i> Canada Lily MP: bogs, wet meadows (Alleghany, Avery*, Cabarrus, Graham, Haywood, Henderson, Randolph, Rutherford*, Stanly, Watauga)	E		S1	G5
<i>Lilium grayi</i> Gray's Lily M: bogs, wet meadows, seeps, grassy balds, high elevation forests (Alleghany, Ashe, Avery, Buncombe, Caldwell, Haywood, Henderson*, McDowell, Mitchell, Watauga, Yancey)	T		S1S2	G1G2
<i>Lilium philadelphicum</i> var. <i>philadelphicum</i> Wood Lily M: grassy balds, glades (Ashe, Avery, Haywood, Mitchell, Polk*, Swain, Watauga, Yancey)	E		S2	G5T4T5
<i>Lilium pyrophilum</i> Sandhills Lily CS: streamhead pocosin ecotones and openings (Cumberland, Harnett, Hoke, Lee, Moore, Nash*, Northampton*, Richmond, Scotland)	E		S2	G2
<i>Limosella australis</i> Awl-leaf Mudwort T: tidal marshes (Currituck, Dare)	T		S1	G5
<i>Lindera melissifolia</i> Pondberry C: Carolina bays and seasonally wet depressions (Bladen*, Cumberland, Onslow, Orange*, Sampson)	E	E	S1	G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Lindera subcoriacea</i> Bog Spicebush SP: streamhead pocosins, white cedar swamps, seepage slopes (Anson*, Chatham, Cumberland, Hoke, Johnston, Lee, Montgomery, Moore, Richmond, Robeson, Scotland, Wake)	SC-V		S2	G3
<i>Linum floridanum</i> var. <i>chrysocarpum</i> Yellow-fruited Flax C: pine savannas (Brunswick, Columbus, Onslow, Pender)	T		S1S2	G5?T3?
<i>Linum sulcatum</i> Glade Flax P: diabase barrens (Durham*, Granville*)	SC-H		SH	G5
<i>Liparis loeselii</i> Fen Orchid MT: seeps, bay swamps (Alleghany, Ashe*, Avery*, Dare, Jackson*, Madison, Rutherford*, Swain, Transylvania, Watauga*, Yancey)	E		S1	G5
<i>Lithospermum canescens</i> Hoary Puccoon P: diabase glades, open woods over diabase (Durham, Granville)	T		S2	G5
<i>Litsea aestivalis</i> Pondspice C: limesink ponds, other pools (Bladen, Brunswick, Carteret, Craven, Cumberland, Gates, Hoke, Lenoir, New Hanover, Onslow, Pender, Sampson, Wayne)	SC-V		S2S3	G3?
<i>Lobelia boykinii</i> Boykin's Lobelia C: depression ponds and meadows and clay-based cypress savannas (Bladen*, Cumberland, Hoke, Onslow, Robeson, Scotland)	E		S1S2	G2G3
<i>Lonicera canadensis</i> American Fly-honeysuckle M: bogs, moist woods (Alleghany, Buncombe, Clay, Graham, Haywood, Jackson, Macon, Mitchell*, Transylvania, Watauga, Yancey)	SR-P		S2	G5
<i>Lophiola aurea</i> Golden-crest C: very wet, mucky habitats in pine savannas (Brunswick, Columbus, New Hanover, Onslow)	E		S2	G4
<i>Ludwigia alata</i> Winged Seedbox TC: interdune ponds, marshes (Brunswick, Camden, Carteret, Craven, Currituck, Dare, Hyde, New Hanover*, Onslow*, Pasquotank, Tyrrell*)	SR-P		S2	G3G5

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Ludwigia brevipes</i> Long Beach Seedbox			SR-T		S1	G2
CS: natural lake shores, blackwater stream shores and impoundments, and freshwater interdune ponds (Brunswick, Columbus, Craven*, Cumberland, Currituck, Dare, Gates*, Harnett*, Hyde*, Johnston*, Robeson*, Sampson*, Wayne*)						
<i>Ludwigia lanceolata</i> Lanceleaf Seedbox			E		S1	G3
TC: interdune ponds, open wet areas (Brunswick, Carteret, Dare*, New Hanover)						
<i>Ludwigia linifolia</i> Flaxleaf Seedbox			T		S2	G4
CT: limesink ponds (Brunswick, Carteret, Columbus, New Hanover, Onslow)						
<i>Ludwigia ravenii</i> Raven's Seedbox			E		S1	G1G2
C: savannas, swamps, marshes, wet open places (Brunswick*, Carteret, Chowan*, Columbus, Craven, Duplin*, Gates*, Jones, New Hanover*, Pamlico*, Perquimans*, Sampson)						
<i>Ludwigia sphaerocarpa</i> Globe-fruit Seedbox			E		S1	G5
CS: bogs, pools, and lake shores (Bladen*, Columbus, Craven, Dare*, Hoke*, Johnston*, Moore, New Hanover, Richmond, Washington)						
<i>Ludwigia suffruticosa</i> Shrubby Seedbox			T		S2	G5
CS: limesink ponds, clay-based Carolina bays (Bladen*, Brunswick, Columbus, New Hanover, Onslow, Robeson, Scotland)						
<i>Lupinus villosus</i> Lady Lupine			E		S1	G5
C: sandhills and other dry sandy woods (Bladen, Brunswick*, Cumberland, Pender)						
<i>Luziola fluitans</i> var. <i>fluitans</i> Southern Water Grass			SR-P		S2	G4G5TNR
C: pools, lakes, streams (Bladen, Brunswick, Columbus, Dare, Moore, Pender, Richmond, Scotland, Tyrrell, Washington)						
<i>Lycopodiella inundata</i> Bog Clubmoss			E		S1	G5
M: bogs and seeps (Avery, Haywood, Watauga)						
<i>Lycopus angustifolius</i> Southern Bog Water-horehound			SR-P		S1	G4?Q
C: bogs and marshes (Columbus, Richmond, Washington)						

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Lysimachia asperulifolia</i> Rough-leaf Loosestrife CS: pocosin/savanna ecotones, pocosins (Beaufort, Bladen, Brunswick, Carteret, Columbus*, Craven, Cumberland, Harnett, Hoke, New Hanover, Onslow, Pamlico, Pender, Richmond, Scotland)	E	E	S3	G3
<i>Lysimachia fraseri</i> Fraser's Loosestrife M: wet forest borders, roadsides, alluvial meadows (Buncombe*, Haywood*, Henderson*, Jackson, Macon, Polk, Swain, Transylvania)	E		S3	G3
<i>Lythrum lanceolatum</i> Southern Winged-loosestrife C: marshes and low, wet places (Craven, New Hanover*, Onslow, Pender)	SR-T		S1	G5
<i>Macbridea caroliniana</i> Carolina Bogmint C: blackwater swamps, savanna/pocosin ecotones, ditches (Bladen, Brunswick, Columbus, Harnett, Johnston, Jones*, Pender, Robeson, Tyrrell)	E		S2	G2G3
<i>Magnolia macrophylla</i> Bigleaf Magnolia P: rich deciduous forests (Gaston, Henderson, Iredell, Lincoln, Surry, Wake)	SC-V		S2	G5
<i>Malaxis bayardii</i> Appalachian Adder's-mouth MP: upland forests (Caldwell*, Davidson*, Davie*, McDowell, Rowan*)	SR-T		S1	G1G2
<i>Malaxis spicata</i> Florida Adder's-mouth CT: maritime swamp forests, calcareous but mucky outer coastal plain swamps (Brunswick, Carteret, Chowan, Craven, Dare, Jones, Pender*)	SC-V		S1	G4?
<i>Marshallia grandiflora</i> Large-flowered Barbara's-buttons MP: bogs, dry basic soils (Henderson*, Polk*)	SC-H		SX	GX
<i>Marshallia legrandii</i> Oak Barrens Barbara's-buttons P: clayey upland soils over diabase (Granville)	E		S1	G1
<i>Marshallia trinervia</i> Broadleaf Barbara's-buttons M: moist rocky streambanks and in calcareous clays (Macon*)	SC-H		SH	G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Matelea obliqua</i> Climbing Milkvine M: dry, rocky woodlands over calcareous rocks (Madison)	SR-P		S1	G4?
<i>Meehanian cordata</i> Meehanian M: cove forests, boulderfields (Alleghany, Ashe, Avery*, Haywood, Madison, Watauga, Wilkes, Yancey)	SR-P		S2	G5
<i>Melanthium woodii</i> Ozark Bunchflower M: circumneutral soil of woodlands over mafic rocks such as amphibolite or other calcareous substrates (Polk)	T		S1	G5
<i>Melica nitens</i> Three-flowered Melic M: open calcareous woods (Madison, Polk)	E		S1	G5
<i>Menyanthes trifoliata</i> Buckbean M: bogs (Alleghany*, Watauga)	T		S1	G5
<i>Micranthes caroliniana</i> Carolina Saxifrage MP: high to middle elevation moist cliffs and rock outcrops (Alleghany, Ashe, Avery, Mitchell, Watauga, Wilkes, Yancey)	SR-T		S3	G3
<i>Micranthes pensylvanica</i> Swamp Saxifrage MP: bogs, seeps (Wake*, Watauga)	E		S1	G5
<i>Milium effusum</i> var. <i>cisatlanticum</i> Millet-grass M: high elevation forests or openings (Swain)	SR-P		S1	G5T5
<i>Mnesithea cylindrica</i> Carolina Jointgrass P: open woodlands and roadsides (Anson*, Union)	SC-H		SH	G4G5
<i>Monarda media</i> Purple Bee-balm M: grassy balds (Avery, Graham, Jackson)	SR-P		S1?	G4?

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Mononeuria groenlandica</i> Greenland Sandwort MP: high elevation and low elevation rocky summits (Alleghany, Ashe, Avery, Burke, Caldwell, Henderson, McDowell, Mitchell, Stokes, Surry, Wilkes)	T		S2	G5
<i>Mononeuria paludicola</i> Godfrey's Sandwort T: tidal freshwater marshes (Craven, Jones*)	E		S1	G1
<i>Mononeuria uniflora</i> Single-flowered Sandwort P: granite flatrocks (Anson, Rowan*, Rutherford)	E		S1	G4
<i>Monotropsis odorata</i> Sweet Pinesap PM: dry forests and bluffs (Alamance*, Alleghany*, Buncombe, Burke, Caldwell, Catawba, Chatham, Cherokee, Clay, Cleveland, Durham, Haywood, Henderson, Jackson, Macon, McDowell, Mecklenburg, Orange, Person*, Polk, Randolph, Rutherford, Stokes, Swain*, Transylvania, Wake, Yancey)	SR-O		S3	G3
<i>Moranopteris nimbata</i> West Indian Dwarf Polypody M: spray zone behind waterfalls (Macon)	T		S1	G4?
<i>Muhlenbergia glomerata</i> Spiked Muhly M: olivine barrens, fens, mafic cliffs (Ashe, Avery, Clay)	SC-V		S1	G5
<i>Muhlenbergia sobolifera</i> Rock Muhly M: dripping cliffs and rocky slopes (Alexander, Ashe, Avery, Jackson, Macon, Madison, McDowell*, Mitchell*, Transylvania*)	T		S2	G5
<i>Muhlenbergia torreyana</i> Pinebarren Smokegrass CS: cypress savannas (Brunswick, Cumberland, Hoke, Onslow, Pender, Richmond, Robeson)	SC-V		S2	G3
<i>Myrica gale</i> Sweet Gale M: bogs (Henderson)	E		S1	G5
<i>Myriophyllum laxum</i> Loose Water-milfoil CS: limesink ponds, waters of natural lakes (Brunswick, Carteret, Craven*, Cumberland, Hoke, Onslow)	E		S2	G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Myriophyllum pinnatum</i> Cutleaf Water-milfoil CS: pools and ditches (Bladen, Brunswick, Currituck*)	SR-T		S1	G5
<i>Myriophyllum tenellum</i> Leafless Water-milfoil C: waters of natural lakes (Bladen, Tyrrell, Washington)	E		S1	G5
<i>Myriopteris alabamensis</i> Alabama Lipfern M: calcareous outcrops (Madison)	SR-P		S1	G4G5
<i>Nabalus albus</i> Northern Rattlesnake-root M: hardwood forests (Ashe, Granville, Haywood*, Henderson*, Jones, McDowell, Mitchell, Montgomery, Onslow, Rutherford, Transylvania*)	SC-V		S2?	G5
<i>Nartheccium montanum</i> Appalachian Yellow Asphodel M: bogs (Henderson*)	SC-H		SX	GX
<i>Neottia cordata</i> Heartleaf Twayblade M: habitat in North Carolina not known (Mitchell*)	SR-D		SH	G5
<i>Oenothera perennis</i> Perennial Sundrops MPC: wet meadows and bogs (Alleghany, Ashe, Avery*, Burke, Cabarrus, Clay, Hertford*, Iredell*, Jackson, Macon, McDowell, Transylvania, Tyrrell*, Watauga)	SC-V		S2	G5
<i>Oenothera riparia</i> Riverbank Evening-primrose C: Freshwater tidal marshes and freshwater tidal swamp forests (Brunswick, Camden, Currituck, Dare, Hyde, New Hanover, Pender, Tyrrell, Washington)	SR-L		S2S3	G2G3
<i>Oenothera unguiculata</i> Southern Sundrops CP: wet clay savannas (Carteret*, Dare, Jones, New Hanover, Onslow, Pender)	SR-T		S1S2	G2G3
<i>Oldenlandia boscii</i> Bosc's Bluet C: clay-based Carolina bays (Brunswick, Columbus, Cumberland, Hoke, Robeson, Scotland)	T		S2	G5
<i>Oligoneuron album</i> Prairie Goldenrod P: diabase glades (Granville, Rowan*)	E		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Oligoneuron jacksonii</i> Southeastern Bold Goldenrod P: glades, barrens, other open sites over mafic or calcareous rock (Cabarrus, Durham, Granville, Mecklenburg*, Person, Rockingham, Union)	SC-V		S2	G4
<i>Oligoneuron rigidum</i> Prairie Bold Goldenrod MP: glades, barrens, other open sites over mafic or calcareous rock (Buncombe*, Haywood*, Macon, Madison*, McDowell)	T		S1	G5
<i>Oplismenus setarius</i> Shortleaf Basket Grass TC: maritime forests, bottomlands (Bladen, Brunswick, Carteret, Columbus, Dare, Onslow, Pender, Washington)	SR-P		S1	G5
<i>Orbexilum macrophyllum</i> Bigleaf Scurfpea M: low mountain forests or outcrops? (Polk*)	SC-H		SX	GX
<i>Orbexilum onobrychis</i> Lanceleaf Scurfpea M: habitat in North Carolina not known (Haywood*)	SC-H		SH	G5
<i>Orbexilum pedunculatum</i> Sampson's Snakeroot MP: open woodlands (Cherokee, Durham*, Orange, Transylvania*)	E		S1	G5?
<i>Oreojuncus trifidus</i> Highland Rush M: high elevation rocky summits (Ashe, Buncombe, Mitchell*)	T		S1	G5
<i>Orthochilus ecristatus</i> Spiked Medusa C: mesic pinelands with blackjack oak, sandhills, and dry-mesic to mesic longleaf pinelands. (Bladen*, Cumberland*, Hoke, New Hanover, Sampson*)	E		S1	G2G3
<i>Oxalis macrantha</i> Sadie Price's Yellow Wood Sorrel P: rich woodlands (Stanly*)	SR-D		SH	GNR
<i>Pachysandra procumbens</i> Allegheny Spurge P: cove forests (Polk)	E		S1	G4G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Packera crawfordii</i> Bog Ragwort CM: bogs, fens, and wet savannas (Onslow, Pender, Watauga, Yancey)	E		S1	G2
<i>Packera millefolium</i> Blue Ridge Ragwort M: granitic domes, other outcrops (Buncombe, Haywood, Henderson, Jackson, Macon, McDowell, Polk, Rutherford, Transylvania)	SC-V		S2	G3
<i>Packera paupercula</i> var. <i>appalachiana</i> Appalachian Ragwort M: mafic and calcareous glades, rock outcrops, and cliffs (Ashe, Madison)	T		S1	G5TNR
<i>Packera paupercula</i> var. <i>paupercula</i> Balsam Ragwort PMC: fens, bogs, and diabase glades (Avery*, Burke, Caldwell*, Granville, McDowell, Nash*, Rutherford, Transylvania*, Watauga*)	SC-V		S1?	G5T5
<i>Packera schweinitziana</i> New England Ragwort M: grassy balds (Avery, Buncombe, Mitchell, Watauga, Yancey)	T		S2	G5?
<i>Packera serpenticola</i> Buck Creek Ragwort M: serpentine barrens (Clay)	T		S1	G1
<i>Palustricodon aparinoides</i> var. <i>aparinoides</i> Marsh Bellflower M: bogs and other wet, open sites (Alleghany, Ashe, Avery, Burke, Cherokee, Clay*, Haywood, Henderson, Jackson, Macon, Mitchell*, Transylvania, Wilkes*, Yancey)	T		S2	G5TNR
<i>Panicum dichotomiflorum</i> var. <i>puritanorum</i> Puritan Panic Grass C: wet sands and peats of seasonally exposed pond and lake shores (Onslow, Pender)	SR-P		S1	G5T4
<i>Panicum flexile</i> Wiry Panic Grass PM: glades and openings over mafic rocks (Ashe*, Durham, Granville, Henderson, Orange*)	T		S1	G5
<i>Panicum philadelphicum</i> ssp. <i>lithophilum</i> Flatrock Panic Grass MP: soil islands on granite flatrocks (Anson, Granville)	SR-T		S1	G2G3Q

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Parietaria praetermissa</i> Large-seed Pellitory TC: shell middens, disturbed sites, maritime forests (Brunswick*, Carteret, Hyde, New Hanover*, Onslow)	SR-P		S1	G3G4
<i>Parnassia caroliniana</i> Carolina Grass-of-Parnassus CS: wet savannas (Bladen, Brunswick, Columbus, Cumberland, Harnett, Hoke, Lee*, Onslow, Pender, Scotland)	T		S2	G3
<i>Parnassia grandifolia</i> Bigleaf Grass-of-Parnassus MCP: fens and seeps over calcareous or mafic rocks (Alleghany, Ashe, Avery*, Brunswick, Buncombe*, Clay, Columbus, Haywood, Macon, McDowell, Pender, Transylvania, Watauga)	T		S2	G3
<i>Paronychia herniarioides</i> Michaux's Whitlow-wort S: sandhills (Scotland)	E		S1	G2G4
<i>Parthenium auriculatum</i> Glade Wild Quinine PM: glades and openings over mafic rocks (Alexander, Burke, Caswell, Durham, Franklin, Granville, Guilford*, Macon*, Mecklenburg, Montgomery, Orange, Person, Rockingham*, Rutherford, Stanly, Warren*)	SR-T		S3	G3G4
<i>Parthenocissus inserta</i> Thicket Creeper M: rich alluvial forests (Polk)	SR-P		S1	G5
<i>Paspalum dissectum</i> Mudbank Crown Grass CTP: mudflats, other open wet areas (Brunswick, Columbus, Craven, Moore, Onslow, Pender, Scotland, Union*)	E		S2	G4?
<i>Paspalum fluitans</i> Horsetail Crown Grass CP: drawdown riverbanks and seepage areas in swamp forests (Bertie*, Bladen*, Chatham*, Harnett, Johnston, Martin*, Northampton*, Wake)	SR-P		S1	G5
<i>Paspalum vaginatum</i> Seashore Crown Grass CPT: brackish marshes, low wet places (Carteret, Dare, Hyde, Onslow, Tyrrell)	SR-P		S2	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Pedicularis lanceolata</i> Swamp Lousewort M: bottomlands, swampy woods (Buncombe*, Cherokee*, Clay, Haywood, Jackson*, Macon*, Watauga*)	T		S1	G5
<i>Pellaea wrightiana</i> Wright's Cliff-brake P: rock outcrops, mafic or with nutrient-rich seepage (Alexander, Stanly, Union)	E		S1	G5
<i>Peltandra sagittifolia</i> Spoonflower C: pocosins, other wet, peaty sites (Brunswick, Carteret, Columbus*, Craven, Dare, Jones, New Hanover, Onslow, Pender)	SR-P		S2S3	G3G4
<i>Persicaria amphibia</i> Water Smartweed MPC: marshes, wet disturbed areas (Beaufort*)	SR-P		S1	G5
<i>Persicaria hirsuta</i> Hairy Smartweed CS: depression ponds, Carolina bays, lakeshores, drawdown zones of blackwater riverbanks (Bladen, Brunswick, Carteret*, Onslow*, Richmond, Scotland)	E		S1	G3G4
<i>Phacelia covillei</i> Buttercup Phacelia PC: bottomlands, rich lower slopes (Alamance, Caswell, Chatham, Franklin, Harnett, Lee, Moore, Orange, Vance)	SR-T		S3	G3
<i>Phacelia maculata</i> Flatrock Phacelia P: granite flatrocks and creek bottomlands (Cleveland)	E		S1	G3G4
<i>Phanopyrum gymnocarpon</i> Swamp Panic Grass C: tidal and blackwater cypress-gum swamps (Bertie, Bladen, Columbus, Martin, Pender, Robeson)	SR-O		S2	G5
<i>Phegopteris connectilis</i> Northern Beech Fern M: spray zone of waterfalls, spruce-fir forests, high elevation seepage bogs (Buncombe, Haywood, Jackson, Macon, Mitchell, Swain*, Transylvania, Yancey)	E		S2	G5
<i>Phemeranthus piedmontanus</i> Piedmont Fameflower P: shallow soil over mafic rock, where periodically wet by seepage (Granville)	E		S1	G1

Scientific Name Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Phlox subulata</i> Moss Pink			SR-P		S1	G5
M: outcrops and glades, especially over mafic rocks (Ashe, Buncombe, Jackson*, Macon*, Madison, Yancey)						
<i>Pinguicula lutea</i> Yellow Butterwort			SC-V		S1	G4G5
C: savannas (Bladen*, Brunswick, Columbus, New Hanover, Pender)						
<i>Pinguicula pumila</i> Small Butterwort			T		S2	G4
C: savannas (Brunswick, Carteret, Columbus, Onslow, Pender)						
<i>Pityopsis graminifolia</i> A Silkgrass			E		S1	G4
C: longleaf pine sandhills, other dry woodlands (Brunswick, Columbus)						
<i>Plantago cordata</i> Heart-leaf Plantain			E		S1	G4
P: beds of small, slate-bottomed, perennial streams (Davidson)						
<i>Plantago sparsiflora</i> Pineland Plantain			T		S1S2	G3
C: wet savannas (Bladen, Brunswick, Columbus, Onslow, Pender)						
<i>Platanthera grandiflora</i> Large Purple-fringed Orchid			SR-P		S2	G5
M: bogs, seeps, grassy balds, high elevation moist forests and banks (Alleghany, Ashe, Avery, Buncombe, Clay, Haywood*, Macon, McDowell, Mitchell, Swain, Transylvania*, Watauga, Yancey)						
<i>Platanthera herbiola</i> Northern Rein Orchid			SC-V		S1S2	G4Q
M: bogs and moist forests (Buncombe*, Burke, Cherokee, Clay*, Forsyth*, Graham*, Haywood, Jackson*, Macon, Mitchell, Swain*, Transylvania, Watauga)						
<i>Platanthera integra</i> Yellow Fringeless Orchid			T		S2	G3G4
CMP: savannas (Brunswick, Carteret, Cherokee*, Columbus, Craven, Forsyth*, Henderson*, Jones, Onslow, Pamlico*, Pender, Robeson*, Rowan*)						
<i>Platanthera integrilabia</i> White Fringeless Orchid			T	T	S1	G2G3
M: bogs (Cherokee*, Henderson*)						

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Platanthera nivea</i> Snowy Orchid			E		SH	G5
C: wet savannas (Beaufort*, Bladen*, Brunswick, Columbus*, Craven, Dare*, Hoke*, New Hanover*, Pender*, Robeson*)						
<i>Platanthera peramoena</i> Purple Fringeless Orchid			T		S2	G5
MP: bogs, forests (Buncombe*, Burke*, Caldwell*, Clay, Durham, Forsyth, Franklin, Graham, Guilford, Haywood*, Henderson*, Jackson, Macon, Mitchell, Orange, Swain*, Transylvania, Warren, Watauga, Yancey*)						
<i>Platanthera shriveri</i> Shriver's Purple Fringed Orchid			E		S1	G1
M: damp, open woods, often along seeps (Watauga)						
<i>Poa paludigena</i> Bog Bluegrass			SR-T		S1	G3G4
M: bogs (Ashe, Avery, Watauga)						
<i>Poa palustris</i> Swamp Bluegrass			SR-P		S1	G5
M: spruce-fir forests, grassy balds (Ashe, Avery, Haywood*, Henderson*, Macon, Mitchell, Polk*, Swain, Yancey*)						
<i>Poa saltuensis</i> Old-pasture Bluegrass			T		S1	G5
M: olivine barrens (Clay, Haywood)						
<i>Polemonium reptans</i> var. <i>reptans</i> Jacob's Ladder			T		S1	G5T5
PM: moist, nutrient-rich forests such as bottomlands and rich slopes (Ashe, Iredell, Rockingham, Stokes*, Watauga*)						
<i>Polygala hookeri</i> Hooker's Milkwort			SC-V		S2S3	G3
C: savannas (Brunswick, Carteret, Columbus, Craven, New Hanover, Onslow, Pender)						
<i>Polygala nana</i> Dwarf Milkwort			SR-D		SH	G5
M: habitat in North Carolina not known (Buncombe*)						
<i>Polygala senega</i> Seneca Snakeroot			SC-V		S2	G4G5
MP: woodlands and in thin soil around outcrops, usually over mafic or calcareous rocks (Ashe, Burke*, Cherokee, Clay, Durham, Jackson, Macon, McDowell, Orange*, Rockingham*, Stanly, Transylvania, Wake)						

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Polygonella articulata</i> Coast Jointweed C: sandhills (Gates)	SC-H		SH	G5
<i>Polygonum glaucum</i> Seabeach Knotweed T: ocean and sound beaches (Beaufort*, Brunswick, Carteret, Dare, Hyde, New Hanover*)	E		S1	G3
<i>Ponthieva racemosa</i> Shadow-witch C: blackwater forests and swamps, especially over marl (Beaufort*, Brunswick, Carteret, Craven, Jones, Onslow, Pender)	T		S2	G4G5
<i>Portulaca smallii</i> Small's Portulaca P: granite flatrocks and diabase glades (Cabarrus, Forsyth, Franklin, Granville, Rowan, Wake)	T		S2	G3
<i>Potamogeton amplifolius</i> Largeleaf Pondweed C: submersed in blackwater streams (Brunswick, Craven*)	SR-D		S1	G5
<i>Potamogeton confervoides</i> Conferva Pondweed SC: beaverponds and old millponds on blackwater creeks (Craven, Cumberland, Gates*, Harnett, Hoke, Moore, Richmond, Scotland)	SR-D		S2	G5
<i>Potamogeton illinoensis</i> Illinois Pondweed C: alkaline waters of streams, rivers, lakes, and ponds (Brunswick*, Dare)	E		S1	G5
<i>Potamogeton natans</i> Floating Pondweed M: lakes and artificial impoundments (Buncombe*)	SR-D		SH	G5
<i>Potamogeton nodosus</i> American Pondweed CMP: ponds and streams with moderate to high pH (Carteret*, Haywood*, Perquimans*, Vance*)	SR-D		SH	G5
<i>Primula meadia</i> Shooting-star MP: mafic cliffs, dry coniferous woodlands, and associated nutrient-rich alluvial forests (Anson, Buncombe, Davidson*, Forsyth*, Haywood, Henderson, Iredell*, Jackson, Macon, Mecklenburg*, Montgomery, Orange*, Rutherford, Stanly, Union, Watauga*)	SC-V		S2S3	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Prunus alleghaniensis</i> var. <i>alleghaniensis</i> Allegheny Plum M: dry rocky woodlands (McDowell, Rutherford)	SR-T		S1	G4T4
<i>Prunus susquehanae</i> Susquehanna Cherry MP: rocky forests (Durham*)	SR-P		SH	G4G5
<i>Pseudognaphalium helleri</i> Heller's Rabbit-tobacco PS: dry woodlands and openings (especially over mafic rocks), longleaf pine sandhills (Anson*, Cabarrus, Davidson, Davie*, Forsyth*, Franklin*, Gaston, Granville, Guilford*, Halifax*, Hoke, Iredell*, Mecklenburg, Montgomery, Northampton*, Orange*, Person*, Richmond*, Rowan*, Scotland*, Union, Wake)	E		S2S3	G3G4
<i>Pseudognaphalium micradenium</i> Small Rabbit-tobacco P: dry woodlands (Caswell, Durham*, Granville*, Person, Stokes*, Vance)	SR-T		S1	G3?
<i>Ptilimnium ahlesii</i> Carolina Bishopweed C: tidal freshwater marshes (Brunswick, New Hanover)	SR-T		S1	G1
<i>Ptilimnium costatum</i> Big Bishopweed CT: tidal swamps or marshes (New Hanover)	T		S1	GNR
<i>Pycnanthemum curvipes</i> Tennessee Mountain-mint M: dry rocky woodlands and rock outcrops (Buncombe, Haywood, Madison)	SR-T		S1	G3
<i>Pycnanthemum setosum</i> Awned Mountain-mint C: blackwater swamps (Brunswick, Columbus, Craven, Gates, Jones, Pender, Tyrrell)	SR-T		S2	G4
<i>Pycnanthemum torreyi</i> Torrey's Mountain-mint PM: dry upland forests and woodlands, over mafic rocks (Alexander*, Ashe*, Caswell, Cleveland*, Gaston*, Granville*, Haywood*, Jackson*, Macon*, Orange, Person*, Wilkes*)	SR-T		S1	G2
<i>Pycnanthemum virginianum</i> Virginia Mountain-mint CMP: forests, woodland borders, bogs (Alleghany, Brunswick, Caswell, Henderson, Wake)	SR-P		S1?	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Pyrola elliptica</i> Elliptic Shinleaf M: moist forests (Ashe, Watauga*)	T		S1	G5
<i>Pyxidantha brevifolia</i> Sandhills Pyxie-moss S: sandhills (Brunswick*, Cumberland, Harnett, Hoke, Moore)	T		S2	G3
<i>Quercus austrina</i> Bluff Oak CP: bluff and bottomland forests over circumneutral soil (Anson, Craven, Johnston*, Montgomery, Richmond, Sampson)	SR-P		S1	G4?
<i>Quercus elliotii</i> Running Oak CP: mesic pine flatwoods and dry, silty sites (Bladen, Brunswick, Columbus, Duplin*, New Hanover*, Pender*, Robeson)	E		S2	G3G5
<i>Quercus georgiana</i> Georgia Oak P: dry slopes and bluffs (Rutherford)	SR-P		S1	G3
<i>Quercus ilicifolia</i> Bear Oak P: dry summits and rocky woods on Piedmont monadnocks (Alleghany, Burke, Gaston, Stokes, Surry, Wilkes)	E		S2	G5
<i>Quercus minima</i> Dwarf Live Oak C: pine flatwoods, coastal fringe sandhills (Bladen, Brunswick, Carteret, New Hanover)	E		S1	G5
<i>Quercus prinoides</i> Dwarf Chinquapin Oak PM: dry, rocky slopes (Caldwell, Caswell, Cleveland*, Gaston*, Guilford*, Iredell*, Jackson*, Polk*, Rowan, Rutherford, Stanly*)	E		S1	G5
<i>Ranunculus ambigens</i> Water-plantain Spearwort CP: open wet areas (Bertie*, Orange*, Perquimans*)	SC-H		SH	G4
<i>Ranunculus fascicularis</i> Thick-root Buttercup MP: serpentine and diabase barrens (Clay)	SR-P		S1	G5

Scientific Name	Status		Rank			
	Common Name		N.C.	U.S.	N.C.	Global
	Region:	Habitat Comments (Counties of Occurrence)				
<i>Ranunculus flabellaris</i>		SR-P		S1	G5	
Yellow Water-crowfoot						
	C:	pools in blackwater swamps (Bertie, Edgecombe*, Gates*)				
<i>Ranunculus hederaceus</i>		T		S1	G5	
Ivy Buttercup						
	C:	marshes (Currituck*, Onslow)				
<i>Ranunculus micranthus</i>		SR-P		S1	G5	
Rock Buttercup						
	P:	rich woods on circumneutral soil (Caswell, Durham, Person*)				
<i>Rhexia aristosa</i>		SC-V		S3	G3G4	
Awed Meadow-beauty						
	C:	clay-based Carolina bays and limesink ponds (Bladen, Brunswick*, Cumberland*, Hoke, Onslow, Robeson, Sampson, Scotland)				
<i>Rhodiola rosea</i>		E		SH	G5	
Roseroot						
	M:	high elevation rocky summits (Ashe*, Avery*, Caldwell*, Mitchell*, Watauga*, Yancey*)				
<i>Rhododendron cumberlandense</i>		SR-P		S1	G4?	
Cumberland Azalea						
	M:	grassy or shrub balds (Graham*, Haywood, Jackson, Macon, Swain, Transylvania)				
<i>Rhododendron prinophyllum</i>		T		S1	G5	
Election Pink						
	M:	high elevation forests (Ashe)				
<i>Rhododendron vaseyi</i>		SR-L		S3	G3	
Pink-shell Azalea						
	M:	high elevation oak forests, heath balds, spruce-fir forests, and rocky areas (Avery, Buncombe, Caldwell, Haywood, Jackson, Macon*, McDowell, Mitchell*, Transylvania, Watauga, Yancey)				
<i>Rhus michauxii</i>		E	E	S2	G2G3	
Michaux's Sumac						
	SCP:	sandhills, sandy forests, woodland, woodland edges (Cumberland, Davie, Durham, Franklin, Hoke, Johnston*, Lincoln*, Mecklenburg, Moore, Nash, Orange*, Richmond, Robeson, Scotland, Union*, Wake, Wilson*)				
<i>Rhynchospora alba</i>		SR-P		S2	G5	
Northern White Beaksedge						
	MCS:	fens, bogs, pocosin openings, limesink ponds (Alleghany, Ashe, Bladen, Brunswick, Craven, Cumberland*, Currituck, Dare, Mitchell, Pender*, Rutherford, Tyrrell, Watauga, Yancey)				

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Rhynchospora crinipes</i> Alabama Beaksedge S: seepy banks of blackwater rivers (Hoke, Moore)	T		S1	G3
<i>Rhynchospora decurrens</i> Swamp Forest Beaksedge C: swamp forests (Brunswick, Columbus, Onslow, Pender)	T		S1S2	G3G4
<i>Rhynchospora divergens</i> White-seeded Beaksedge C: wet savannas (Brunswick, Columbus, Onslow, Pender)	SR-P		S2	G4
<i>Rhynchospora galeana</i> Short-bristled Beaksedge C: savannas (Brunswick, Carteret, Columbus, Craven, Cumberland, Onslow, Pender)	SR-P		S2S3	G3?
<i>Rhynchospora harperi</i> Harper's Beaksedge C: limesink ponds and cypress savannas (Brunswick, Carteret, Onslow)	SC-V		S2	G4?
<i>Rhynchospora macra</i> Southern White Beaksedge S: sandhill seeps, blackwater impoundments, streamhead pocosins (Carteret, Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	T		S2	G3G4
<i>Rhynchospora microcarpa</i> Southern Beaksedge CTP: maritime wet grasslands, clay-based Carolina bays, limesink ponds, swamp forests (Brunswick, Carteret, Columbus, Dare, Onslow, Pender, Scotland)	T		S2	G5
<i>Rhynchospora odorata</i> Fragrant Beaksedge T: maritime wet grasslands (Brunswick, Carteret, Dare, Hyde, Pender*)	SC-V		S1	G4
<i>Rhynchospora pinetorum</i> Small's Beaksedge C: wet savannas, maritime wet grasslands (Brunswick, Carteret, Columbus, Onslow, Pender)	SR-T		S2	G3G4
<i>Rhynchospora pleiantha</i> Coastal Beaksedge C: limesink ponds (Bladen, Brunswick, Carteret, New Hanover, Onslow)	T		S2	G2G3
<i>Rhynchospora thornei</i> Thorne's Beaksedge C: wet savannas (Brunswick, Onslow, Pender)	SC-V		S2	G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Rhynchospora tracyi</i> Tracy's Beaksedge C: clay-based Carolina bays, limesink ponds (Brunswick, Hoke, New Hanover, Onslow, Scotland)	T		S2	G4
<i>Robinia hartwigii</i> Hartwig's Locust M: high elevation granitic domes (Jackson, Macon, Mitchell*)	SR-L		S1S2	G2
<i>Robinia hispida</i> var. <i>fertilis</i> Fruitful Locust M: acidic cove forests, northern hardwoods forests, high elevation granitic domes (Alleghany, Avery, Burke*, Graham*, Haywood, Jackson, Macon*, Stokes, Swain, Wilkes)	SR-O		S1	G4T1Q
<i>Robinia hispida</i> var. <i>kelseyi</i> Kelsey's Locust M: high elevation red oak forests, dry rocky woods (Buncombe*, Burke*, Haywood, Henderson, Madison, McDowell, Transylvania*)	SR-O		S1	G4T1
<i>Robinia viscosa</i> Clammy Locust MP: open woods (Catawba*, Henderson, Jackson*, Rutherford, Transylvania)	SR-T		S1	G3
<i>Rosa virginiana</i> Virginia Rose M: moist to dry forests and woodlands (Ashe*, Buncombe*)	SR-P		SH	G5
<i>Rubus strigosus</i> Red Raspberry M: high elevation spruce-fir forests and openings (Buncombe, Haywood, Jackson, Swain, Yancey)	T		S2?	G5
<i>Rudbeckia heliopsidis</i> Sun-facing Coneflower C: moist pine flatwoods and woodland borders (Harnett, Moore)	E		S1	G2
<i>Rudbeckia triloba</i> var. <i>beadlei</i> Chauncey's Coneflower M: mafic cliffs (Buncombe, Graham, Madison*, Swain)	SR-T		S1	G5TNR
<i>Ruellia ciliosa</i> Sandhills Wild-petunia S: sandhills, especially in loamy, submesic swales (Cumberland, Hoke, Richmond, Scotland)	T		S2	G3G5
<i>Ruellia humilis</i> Low Wild-petunia P: diabase glades (Durham, Granville, Wake)	T		S1	G5

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Ruellia purshiana</i>			SC-V		S2	G3
Pursh's Wild-petunia						
PM: glades and woodlands, mostly over mafic or calcareous rocks (Alamance, Caswell, Cleveland, Davidson, Durham, Forsyth*, Gaston, Granville, Madison, Montgomery, Orange, Randolph*, Rutherford*, Stanly, Wake*)						
<i>Ruellia strepens</i>			E		S1	G4G5
Limestone Wild-petunia						
C: low woods over marl (Bertie, Pender, Richmond)						
<i>Rugelia nudicaulis</i>			SR-L		S3	G3
Rugel's Ragwort						
M: spruce-fir forests (Haywood, Jackson, Swain)						
<i>Sabal palmetto</i>			T		S1	G5
Cabbage Palm						
TC: maritime forests on the southeastern coast (Brunswick, Carteret*, Dare, New Hanover)						
<i>Sabatia kennedyana</i>			T		S2	G3G4
Plymouth Gentian						
C: drawdown zones on banks of blackwater rivers (Brunswick, Columbus)						
<i>Sageretia minutiflora</i>			T		S1	G4
Small-flowered Buckthorn						
C: shell middens (Carteret, Onslow, Pender)						
<i>Sagittaria chapmanii</i>			T		S1	G3?
Chapman's Arrowhead						
C: limesink ponds (Bladen, Carteret, Columbus, Onslow)						
<i>Sagittaria fasciculata</i>			E	E	S1	G2
Bunched Arrowhead						
M: bogs and mountain swamp forests (Buncombe*, Henderson)						
<i>Sagittaria filiformis</i>			SR-P		SH	G4G5
Water Arrowhead						
C: blackwater streams, rivers, and lakes (Bladen, Columbus*, Craven*, Pender, Wilson*)						
<i>Sagittaria isoetiformis</i>			T		S2	G4?
Quillwort Arrowhead						
CS: limesink ponds, clay-based Carolina bays, beaver ponds, natural lakes (Bladen, Brunswick*, Columbus, Cumberland, Hoke, New Hanover, Sampson, Scotland, Washington)						

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Sagittaria macrocarpa</i> Streamhead Sagittaria S: shoreline of blackwater stream impoundment (Hoke, Moore)	T		S2	G2
<i>Sagittaria spatulata</i> Tidal Sagittaria CT: tidal freshwater to brackish marshes (Hyde*)	SR-P		SH	G4
<i>Sagittaria weatherbiana</i> Grassleaf Arrowhead C: fresh to slightly brackish marshes, streams, swamps, and pond margins (Beaufort*, Bladen*, Brunswick*, Columbus, Craven, Currituck*, Duplin, Gates*, Hyde*, New Hanover, Onslow, Pasquotank*, Pender, Pitt*, Sampson*, Wake*)	E		S2	G3G4
<i>Salvia azurea</i> var. <i>azurea</i> Azure Sage SC: sandhills (Anson, Hoke, New Hanover*, Richmond, Scotland)	SR-P		S2	G4G5T4?Q
<i>Sarracenia jonesii</i> Mountain Sweet Pitcherplant M: bogs (Buncombe, Henderson, Macon, Transylvania)	E	E	S1	G2
<i>Sarracenia minor</i> var. <i>minor</i> Hooded Pitcherplant C: savannas (Brunswick, Columbus, New Hanover)	E		S2	G4T4
<i>Sarracenia oreophila</i> Green Pitcherplant M: seepage bogs (Clay)	E	E	S1	G2
<i>Sarracenia purpurea</i> var. <i>montana</i> Southern Appalachian Purple Pitcherplant M: mountain bogs, seepage bogs (Henderson, Jackson, Macon, Transylvania)	E		S1S2	G5T1T2
<i>Sceptridium jenmanii</i> Alabama Grape-fern MP: moist to dryish forests and disturbed areas (Buncombe*, Burke, Cherokee, Clay*, Davie*, Granville, Iredell*, Jackson*, McDowell, Mecklenburg*, Rockingham*, Rutherford, Stokes*, Transylvania*)	SC-V		S2	G3G4
<i>Sceptridium lunarioides</i> Winter Grape-fern P: dry pine woods (Davie*)	SR-P		SH	G4?

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Sceptridium multifidum</i> Leathery Grape-fern M: grassy balds (Alleghany, Avery, Mitchell)	SR-P		S1	G5
<i>Sceptridium oneidense</i> Blunt-lobed Grape-fern MP: cove forests, bogs (Avery*, Buncombe*, Burke, Cherokee, Forsyth*, Haywood*, Jackson, Macon, McDowell, Mitchell*, Rutherford, Yancey*)	SR-P		S2	G4
<i>Schisandra glabra</i> Magnolia Vine CP: rich slopes and floodplain islands (Gaston, Martin)	T		S1	G3
<i>Schoenoplectus acutus</i> var. <i>acutus</i> Hardstem Bulrush C: natural lakes (Carteret*, Craven*, Hyde*)	SR-P		SH	G5T5
<i>Schoenoplectus etuberculatus</i> Canby's Bulrush CS: blackwater creeks (Bladen, Brunswick, Carteret, Columbus, Craven*, Cumberland, Dare*, Harnett, Hoke, Hyde*, Johnston*, Moore, Onslow, Pender*, Randolph*, Richmond, Scotland, Wayne*)	SR-P		S3	G3G4
<i>Schwalbea americana</i> Chaffseed SC: savannas and moist to dryish pinelands with frequent fire (Bladen, Cumberland, Hoke, Moore*, Pender*, Scotland)	E	E	S1	G2
<i>Scirpus divaricatus</i> Spreading Bulrush C: swamp forests (Bladen, Duplin)	SR-O		S2?	G5
<i>Scirpus flaccidifolius</i> Reclining Bulrush C: swamp forests (Northampton)	E		S1	G2
<i>Scirpus lineatus</i> Drooping Bulrush C: low rich woods over marl (Brunswick, Carteret, Craven, Jones, New Hanover, Onslow, Pender)	T		S2	G4
<i>Scirpus pendulus</i> Rufous Bulrush PC: wet places over mafic rocks (Cabarrus, Carteret, Durham*, Granville, Onslow)	SR-O		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Scleria baldwinii</i> Baldwin's Nutrush C: wet savannas (Brunswick, Carteret, Columbus, Pender)	T		S2	G4
<i>Scleria bellii</i> Smooth-seeded Hairy Nutrush C: pine savannas over limestone, diabase glades (Granville*, Onslow, Pender)	E		S1	G2G3
<i>Scleria reticularis</i> Netted Nutrush CS: clay-based Carolina bays, limesink ponds (Brunswick, Cumberland, Hoke, New Hanover, Onslow, Sampson, Scotland)	SC-V		S2	G4
<i>Scleria verticillata</i> Savanna Nutrush TC: calcareous wet savannas, maritime wet grasslands influenced by shell deposits (Brunswick, Carteret, Columbus, Dare, Hyde, New Hanover*, Onslow, Pender, Tyrrell)	SR-P		S2	G5
<i>Sclerolepis uniflora</i> One-flower Hardscale C: clay-based Carolina bays, blackwater river foodplains, limesink ponds (Brunswick, Columbus, Cumberland, Hoke, Moore, New Hanover*, Robeson, Sampson*, Scotland)	T		S2	G4
<i>Scrophularia lanceolata</i> American Figwort P: woodlands and forests (Guilford, Lincoln*)	SR-P		S1	G5
<i>Scutellaria australis</i> Southern Skullcap PS: alluvial forests (Anson*, Granville*, Johnston*, Lee*, Orange*, Richmond*, Wake*)	E		S1	G4?
<i>Scutellaria galericulata</i> Hooded Skullcap M: spring-fed seepage (Buncombe*)	SC-H		SH	G5
<i>Scutellaria leonardii</i> Shale-barren Skullcap P: diabase glades (Durham, Granville, Moore*, Orange*)	E		S2	G4
<i>Scutellaria nervosa</i> Veined Skullcap P: alluvial forests (Chatham*, Durham*, Granville, Halifax, Jackson*, Northampton, Person, Wake, Warren*)	E		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Scutellaria ovata</i> var. <i>rugosa</i> Appalachian Skullcap M: rocky forests, boulderfields (Buncombe, Madison, Rutherford)	SR-T		S1	G5TNR
<i>Scutellaria saxatilis</i> Rock Skullcap MP: northern hardwoods forests, rocky woodlands (Alleghany, Ashe, Cherokee, Graham, Mitchell, Watauga*, Yancey)	SR-T		S2	G3G4
<i>Sedum glaucophyllum</i> Cliff Stonecrop PM: rock outcrops, mainly calcareous or mafic (Jackson, Macon, Montgomery, Rockingham, Stokes)	SR-P		S2	G4
<i>Sedum pusillum</i> Puck's Orpine P: granite flatrocks (Anson)	E		S1	G3
<i>Senecio suaveolens</i> Sweet Indian-plantain M: bottomlands (Buncombe*, Henderson, Transylvania*)	E		S1	G4
<i>Sesuvium maritimum</i> Slender Sea-purslane T: seabeaches, marshes (Brunswick, Carteret, Dare, New Hanover)	E		S1	G5
<i>Sesuvium portulacastrum</i> Shoreline Sea-purslane T: seabeaches (Brunswick, Carteret, Dare, New Hanover, Onslow)	E		S1	G5
<i>Seymeria pectinata</i> ssp. <i>pectinata</i> Comb Seymeria C: dry pinelands, longleaf pine sandhills (Brunswick*)	SC-H		SH	G4G5TNR
<i>Shortia brevistyla</i> Northern Oconee Bells M: moist slopes, creekbanks, and rock outcrops in humid gorges (McDowell)	T		S2	G2
<i>Shortia galacifolia</i> Oconee Bells M: moist slopes, creekbanks, and rock outcrops in humid escarpment gorges (Jackson*, Macon, Swain*, Transylvania)	SC-V		S2	G3
<i>Sida elliottii</i> var. <i>elliottii</i> Coastal Plain Sida P: stream banks, sandy woodlands (Iredell)	SR-P		S1	G4G5TNR

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Sideroxylon tenax</i> Tough Bumelia T: maritime forests and scrub (Brunswick, New Hanover)	T		S1	G3?
<i>Silene ovata</i> Mountain Catchfly M: rich slopes, cove forests, montane oak-hickory forests (Avery, Buncombe, Cherokee, Graham, Haywood, Henderson, Jackson, Macon, Madison, Mitchell, Rutherford*, Swain, Yancey)	SC-V		S3	G3
<i>Silphium connatum</i> Virginia Cup-plant MP: floodplains, rich alluvial woods (Alleghany, Ashe, Forsyth, Iredell, Rockingham, Stokes, Surry, Yadkin)	SC-V		S2	G3G4
<i>Silphium perfoliatum</i> Common Cup-plant PM: floodplains (Alleghany, Ashe, Cabarrus, Forsyth, Iredell*, Mecklenburg, Stokes, Surry)	SC-V		S1	G5
<i>Silphium terebinthinaceum</i> Prairie Dock P: diabase glades, other open or semi-open sites over mafic rock (Cabarrus, Davie, Durham, Granville, Mecklenburg, Person, Stanly, Union, Wake*)	SR-P		S2	G4G5
<i>Sisyrinchium dichotomum</i> White Irisette M: thin woods, especially over amphibolite, in the escarpment region (Burke, Henderson, McDowell, Polk, Rutherford)	E	E	S2	G2
<i>Smilax hugeri</i> Huger's Carrion-flower MP: deciduous forests (Anson, Clay, Cumberland, Graham, Macon, Richmond, Swain)	SR-P		S3	G4
<i>Smilax lasioneura</i> Blue Ridge Carrion-flower MP: oak-hickory forests over mafic rocks (Guilford*, Henderson, McDowell, Polk, Rutherford)	SR-P		S1	G5
<i>Solanum pseudogracile</i> Graceful Nightshade T: dunes (Brunswick, Carteret, New Hanover*, Onslow, Pamlico)	SR-T		S1	GNR
<i>Solidago leavenworthii</i> Leavenworth's Goldenrod C: savannas, pocosin borders, clay-based Carolina bays, peaty seeps (Carteret*, Columbus, Robeson, Sampson, Scotland*)	E		S1	G3G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Solidago plumosa</i> Yadkin River Goldenrod P: crevices of outcrops in rocky, flood-scoured riverbanks (Montgomery, Stanly)	T		S1	G1
<i>Solidago radula</i> Western Rough Goldenrod P: dry woodlands over mafic rocks (Montgomery, Stanly, Wake*)	E		S1	G5?
<i>Solidago simulans</i> Granite Dome Goldenrod M: high and low elevation granitic domes south of the Asheville Basin (Buncombe, Graham, Jackson, Macon, Rutherford, Swain, Transylvania)	SR-L		S2	G2
<i>Solidago spithamea</i> Blue Ridge Goldenrod M: high elevation rocky summits (Avery, Mitchell, Watauga)	T	T	S2	G2
<i>Solidago squarrosa</i> Squarrose Goldenrod M: moist forests at high elevations (Buncombe*, Jackson, Watauga)	SR-P		S1	G4G5
<i>Solidago tortifolia</i> Twisted-leaf Goldenrod CS: dry savannas and mesic flats (Bladen, Brunswick, Hoke, Jones*, New Hanover*, Pender, Richmond, Robeson*, Scotland)	E		S1	G4G5
<i>Solidago uliginosa</i> var. <i>uliginosa</i> Bog Goldenrod MSP: bogs, seeps (Ashe, Clay*, Haywood, Macon*, Madison*, Mitchell, Transylvania, Watauga, Yancey)	SR-P		S1S2	G5T4T5
<i>Solidago ulmifolia</i> var. <i>ulmifolia</i> Elm-leaf Goldenrod PM: rocky forests and woodlands, especially on mafic and calcareous substrates (Burke, Durham*, Jackson, McDowell, Rockingham, Rutherford)	SR-O		S1?	G5T5
<i>Solidago verna</i> Spring-flowering Goldenrod CS: mesic to moist pinelands, pocosin ecotones (Bladen, Brunswick, Carteret, Columbus, Craven, Cumberland, Duplin, Harnett, Hoke, Johnston, Jones, Moore, New Hanover, Onslow, Pamlico, Pender, Richmond, Sampson, Scotland)	T		S3	G3
<i>Solidago villosicarpa</i> Coastal Goldenrod C: edges and openings in maritime upland forests (Brunswick, Craven, Dare, New Hanover*, Onslow, Pender)	T		S1	G1

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Sparganium acaule</i> Greenfruit Bur-reed M: bogs, stream margins (Avery*, Jackson*, Macon, Watauga)	E		S1	GNR
<i>Spartina pectinata</i> Freshwater Cordgrass MCS: freshwater marshes, spray zones of waterfalls, other moist sites (Alleghany, Ashe, Chowan*, Mitchell*, Montgomery*, Pasquotank, Transylvania)	T		S1	G5
<i>Spigelia marilandica</i> Pink-root M: open woods (Cherokee)	T		S1	G4
<i>Spiraea corymbosa</i> Rock Spiraea P: open woods, thin soil over rock (Alexander, Alleghany, Catawba, Stokes)	E		S1	G4?
<i>Spiraea virginiana</i> Virginia Spiraea M: riverbanks (Ashe, Buncombe, Graham, Macon, Mitchell, Swain, Transylvania, Yancey)	T	T	S2	G2
<i>Spiranthes eatonii</i> Eaton's Ladies'-tresses CS: pine savannas and pine-oak sandhills (Beaufort*, Bladen*, Brunswick, Carteret, Craven, Cumberland*, Moore, Onslow, Pamlico*, Pender)	SR-P		S2	G3Q
<i>Spiranthes floridana</i> Florida Ladies'-tresses C: wet savannas and other moist sites (Brunswick, Pender*)	SR-P		S1	G1
<i>Spiranthes lacera</i> var. <i>lacera</i> Northern Slender Ladies'-tresses M: mountain balds (Clay*, Jackson)	E		S1	G5T5
<i>Spiranthes laciniata</i> Lace-lip Ladies'-tresses C: moist wet habitats (Beaufort*, Bladen, Brunswick, Carteret, Columbus, New Hanover, Onslow, Pender)	SC-V		S2	G4G5
<i>Spiranthes longilabris</i> Giant Spiral Orchid C: savannas (Bladen, Brunswick, Carteret, Onslow, Pender)	E		S1	G3
<i>Spiranthes lucida</i> Shining Ladies'-tresses M: seepage over amphibolite (Alleghany)	E		S1	G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Spiranthes ochroleuca</i> Yellow Nodding Ladies'-tresses M: grassy balds, meadows, wooded slopes (Ashe, Avery, Buncombe*, Haywood*, Rutherford, Transylvania, Watauga, Yancey*)	T		S1	G4
<i>Sporobolus heterolepis</i> Prairie Dropseed M: olivine barrens (Clay, Jackson)	T		S1	G5
<i>Sporobolus teretifolius</i> Wireleaf Dropseed C: wet savannas (Brunswick, Columbus)	E		S1	G2
<i>Sporobolus virginicus</i> Saltmarsh Dropseed T: brackish marshes (Brunswick)	T		S1	G5
<i>Stachys appalachiana</i> Appalachian Hedge-nettle M: fens, usually over mafic or ultramafic rocks (Alleghany, Ashe*, Watauga*)	E		S1	G1G2
<i>Stachys clingmanii</i> Clingman's Hedge-nettle M: cove forests, especially periglacial boulderfields, mostly at high elevations (records not yet entered)	SR-T		S2	G2
<i>Stachys cordata</i> Heart-leaf Hedge-nettle M: rich forests, especially over calcareous rock (Madison, Montgomery)	SR-P		S1	GNR
<i>Stachys eplingii</i> Epling's Hedge-nettle M: mesic forests, bogs, wet meadows over calcareous or mafic substrates (Burke*, Henderson, Jackson*, Watauga)	E		S1	GNR
<i>Stachys matthewsii</i> Yadkin Hedge-nettle P: sandy edges of forested floodplains (Durham*, Granville, Montgomery)	E		S1	G1G2
<i>Stachys tenuifolia</i> Smooth Hedge-nettle C: swamp forests, edges of bottomlands (Bertie, Burke, Jackson, Macon, Martin, Northampton)	SR-O		S1	G5
<i>Steironema hybridum</i> Lowland Loosestrife MPC: bottomlands (Pender)	SR-P		S2?	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Steironema tonsum</i> Appalachian Loosestrife MP: moist to dry upland forests, especially over calcareous or mafic rocks (Alexander, Ashe, Avery, Burke, Caswell, Granville, Madison, Mitchell, Orange*, Rockingham, Rutherford, Stokes, Surry, Swain, Vance)	SR-P		S2	G4
<i>Stenanthium gramineum</i> var. <i>robustum</i> Bog Featherbells M: bogs and wet meadows (Alleghany, Ashe, Avery)	E		S1	G4G5T3
<i>Stenanthium leimanthoides</i> Pinebarren Death-camas M: high elevation rocky summits, thin soil at high elevations (Ashe, Avery, Burke, Yancey)	T		S1	G4Q
<i>Stewartia ovata</i> Mountain Camellia MP: bluffs and forests, usually with rhododendrons (Catawba, Cherokee, Clay, Graham, Granville, Haywood, Macon, Madison*, Montgomery, Randolph, Rutherford, Stokes, Swain, Transylvania, Wilkes)	SR-P		S3	G4
<i>Streptopus amplexifolius</i> var. <i>amplexifolius</i> White Mandarin M: spruce-fir forests (Buncombe, Graham, Haywood, Jackson, Mitchell, Swain*, Yancy)	SR-D		S1	G5T5
<i>Stylisma aquatica</i> Water Dawnflower C: clay-based Carolina bays, pineland pools (Brunswick, Columbus*, Cumberland, Moore, Robeson, Scotland)	E		S2	G4
<i>Stylisma pickeringii</i> var. <i>pickeringii</i> Pickering's Dawnflower SC: sandhills (Bladen, Carteret, Cumberland, Harnett, Hoke, Moore, New Hanover, Richmond, Sampson, Scotland)	SC-V		S3	G4T3
<i>Swida asperifolia</i> Eastern Roughleaf Dogwood C: mesic calcareous forests and thickets (Onslow, Pender)	E		S1	G4
<i>Swida racemosa</i> Gray Dogwood P: moist soil in riparian zones, roadsides, and thickets (Caswell, Durham, Orange)	SC-V		S1	G5
<i>Symphyotrichum concinnum</i> Narrow-leaved Smooth Aster P: forests, woodland borders especially over mafic rocks (Alamance*, Alexander*, Caswell, Clay, Davie*, Durham, Granville, Iredell*, Orange*, Rutherford, Stanly, Union, Wake*)	E		S2	G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Symphyotrichum depauperatum</i> Serpentine Aster P: diabase glades (Granville)	E		S1	G2
<i>Symphyotrichum georgianum</i> Georgia Aster P: open woods, roadsides, and other rights-of-way (Davidson, Gaston, Lincoln, Mecklenburg, Montgomery, Randolph, Rowan, Stanly, Union)	T	C	S3	G3
<i>Symphyotrichum laeve</i> Smooth Blue Aster P: forests, woodland borders especially over mafic rocks (Ashe, Clay, Gaston*, Graham, Jackson, Macon, Orange*, Polk*)	SR-P		S1S2	G5
<i>Symphyotrichum oblongifolium</i> Aromatic Aster M: thin soils around limestone outcrops (Madison)	T		S1	G5
<i>Symphyotrichum pratense</i> Barrens Silky Aster M: calcareous glades and barrens (Buncombe)	SR-P		S1	G4?
<i>Symphyotrichum rhiannon</i> Buck Creek Aster M: serpentine pine barrens (Clay)	T		S1	G1
<i>Symphyotrichum shortii</i> Short's Aster M: bluffs and rocky banks (Cherokee, Transylvania*)	SR-P		S2	G5
<i>Synandra hispidula</i> Synandra M: rich cove forests (Jackson*, Swain)	T		S1	G4
<i>Taxus canadensis</i> Canada Yew M: bogs, swamp forests under spruce (Ashe, Watauga)	T		S1	G5
<i>Thalictrum cooleyi</i> Cooley's Meadowrue C: wet savannas (Brunswick, Columbus, New Hanover, Onslow, Pender)	E	E	S1	G1

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Thalictrum macrostylum</i> Small-leaved Meadowrue			SC-V		S2	G3G4
CSPM: bogs and wet woods (Alleghany, Ashe, Beaufort, Carteret, Cherokee, Clay, Cumberland, Gates, Graham, Henderson, Hertford, Hyde*, Jones, Macon, McDowell, Moore, Nash, New Hanover, Northampton, Pender, Richmond, Rutherford, Transylvania)						
<i>Thaspium pinnatifidum</i> Mountain Thaspium			E		S1	G2G3
M: calcareous slopes (Jackson*, Macon, Madison, McDowell, Swain*)						
<i>Thermopsis fraxinifolia</i> Ash-leaved Golden-banner			SC-V		S2?	G3?
MP: dry ridges (Buncombe, Burke, Henderson, Jackson, Macon, McDowell, Polk, Stokes, Surry, Transylvania, Yancey)						
<i>Thermopsis mollis</i> Appalachian Golden-banner			SR-T		S2	G3G4
PM: dry ridges and open woodlands (Alexander, Buncombe*, Burke, Cabarrus*, Caldwell, Catawba, Chatham*, Cleveland, Columbus*, Durham*, Forsyth*, Franklin*, Gaston, Granville, Guilford*, Henderson, Iredell*, Lincoln, McDowell, Orange, Polk, Rutherford, Stokes, Surry, Vance*, Wake, Warren)						
<i>Tiedemannia canbyi</i> Canby's Dropwort			E	E	S1	G2
(= <i>Oxypolis canbyi</i>) C: clay-based Carolina bays (Scotland)						
<i>Tomostima reptans</i> Creeping Draba			SR-P		SH	G5
P: dry soil (Lincoln*)						
<i>Torreyochloa pallida</i> Pale Mannagrass			SR-P		S1	G5
CM: Bogs, mucky wetlands such as old beaver-ponds, pools in cypress swamps, drawdown shores of natural ponds (Avery*, Columbus*, Currituck, Duplin*, Gates, Harnett, Henderson, Martin)						
<i>Tradescantia virginiana</i> Virginia Spiderwort			SR-O		S2S3	G5
P: rich woods on circumneutral soils (Ashe, Burke, Caswell, Harnett, Lincoln, McDowell, Mecklenburg, Montgomery*, Moore, Orange, Randolph, Rockingham, Rutherford, Stanly, Surry, Wake)						
<i>Triadenum fraseri</i> Fraser's Marsh St. John's-wort			SR-P		S1	G5
M: bogs and peaty wetlands (Northampton)						

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Triadenum tubulosum</i> Marsh St. John's-wort CMP: bogs, peaty wetlands, drawdown sloughs along rivers, drawdown shorelines along man-made reservoirs (Anson, Bertie, Davidson, Forsyth*, Harnett*, Watauga*).	SR-O		S2	G4?
<i>Triantha glutinosa</i> Sticky Bog Asphodel MP: bogs, seepages (Ashe, Caldwell*, Haywood, Henderson*, Jackson, Transylvania)	SC-V		S1	G5
<i>Trichophorum cespitosum</i> Deerhair Bulrush M: high elevation rocky summits, moist cliffs (Ashe, Avery, Buncombe, Burke, Caldwell*, Haywood, Henderson, Jackson, Macon, Mitchell, Rutherford, Transylvania, Watauga, Yancey)	SR-D		S2S3	G5
<i>Trichostema brachiatum</i> Glade Bluecurls PM: diabase glades, other dry calcareous or mafic outcrops (Buncombe, Granville, Madison, Orange*, Rockingham, Yancey*)	E		S1	G5
<i>Trichostema nesophilum</i> Dune Bluecurls T: dunes, openings in maritime forest and scrub (Brunswick, Carteret, Dare, Hyde, New Hanover)	SC-V		S2	G2
<i>Trichostema setaceum</i> Narrowleaf Bluecurls SPC: dry woodlands, granite flatrocks (Alexander, Bladen, Burke, Cleveland, Hoke, Macon, McDowell, Moore, Richmond, Robeson, Rutherford, Wake, Wilkes)	SR-T		S2	G5
<i>Tridens ambiguus</i> Pineland Triodia C: clay-based Carolina bays (Scotland)	E		S1	G4
<i>Tridens chapmanii</i> Chapman's Redtop CP: dry pine and oak woods, sandy roadsides (Bladen, Carteret*, Craven, Dare, Hoke, Jones, Martin*, Montgomery, Moore, Orange*, Pender, Richmond, Scotland*)	SC-V		S1S2	G3
<i>Tridens strictus</i> Spike Triodia C: pine flatwoods (Duplin*, Hoke*, Pender*, Robeson*)	SC-H		SH	G5
<i>Trientalis borealis</i> Northern Starflower (= <i>Lysimachia borealis</i>) M: northern hardwood forests, rich slope forests, often in second-growth areas (Buncombe, Cherokee, Graham, Haywood) (Buncombe, Cherokee, Graham, Haywood)	T		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Trifolium carolinianum</i> Carolina Clover C: savannas, sandy open areas (Duplin*, New Hanover*, Onslow*)	SC-H		SH	G5
<i>Trifolium reflexum</i> Buffalo Clover PMSC: open woods and clearings (Ashe, Buncombe*, Caswell, Chatham*, Durham*, Granville, Halifax*, Harnett, Iredell, Madison, Montgomery, Moore, Randolph*, Wake, Yadkin)	T		S1S2	G3G4
<i>Trillium discolor</i> Mottled Trillium M: rich coves in the Savannah River drainage (Jackson, Transylvania)	T		S1	G3
<i>Trillium flexipes</i> Bent White Trillium M: rich coves (Cherokee, Henderson, Swain*)	T		S1	G5
<i>Trillium pusillum</i> var. <i>ozarkanum</i> Ozark Least Trillium M: rich cove forests (Clay, Haywood*, Jackson, Macon)	E		S1	G4T3
<i>Trillium pusillum</i> var. <i>pusillum</i> Carolina Least Trillium CP: ecotones between savannas and nonriverine wet hardwood forests, over marl (Anson, Onslow, Pender)	E		S2	G4T3
<i>Trillium pusillum</i> var. <i>virginianum</i> Virginia Least Trillium C: mesic to swampy hardwood forests (Camden*, Currituck*, Gates, Halifax, Johnston, Nash, Wake)	E		S1	G3T2
<i>Trillium recurvatum</i> Recurved Trillium M: rich soils of cove over calcareous rock (Catawba)	T		S1	G5
<i>Trillium sessile</i> Sessile-flowered Trillium C: rich alluvial levees and slopes (Halifax, Northampton)	T		S1	G5
<i>Trillium simile</i> Sweet White Trillium MP: rich coves (Buncombe, Burke, Cherokee, Graham, Haywood*, Henderson, Jackson, Macon, Madison, McDowell, Polk, Rutherford, Swain*, Yancey)	SC-V		S2	G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Turritis glabra</i> Tower Mustard M: mountain forests and meadows (Avery, Madison*, Watauga)	E		S1	G5
<i>Urtica chamaedryoides</i> Dwarf Stinging Nettle C: rich blackwater and brownwater levee forests (Bertie, Halifax, Johnston, Northampton)	T		S2	G4G5
<i>Utricularia cornuta</i> Horned Bladderwort CM: bogs, limesink ponds (Ashe, Brunswick, Columbus, Franklin, New Hanover, Robeson*, Rutherford, Watauga)	T		S1S2	G5
<i>Utricularia floridana</i> Florida Bladderwort C: natural lakes (Bladen*, Wayne*)	SR-T		SH	G3G5
<i>Utricularia geminiscapa</i> Two-flowered Bladderwort SC: seepage areas on Suffolk Scarp, beaver ponds (Beaufort, Cumberland, Hoke, Moore, Pender)	SC-V		S1	G4G5
<i>Utricularia macrorhiza</i> Greater Bladderwort C: pools and ponds (Dare, Hyde)	SR-O		S1?	G5
<i>Utricularia minor</i> Small Bladderwort M: bogs (Watauga*)	SC-H		SH	G5
<i>Utricularia olivacea</i> Dwarf Bladderwort C: limesink ponds, beaver ponds (Brunswick, Carteret, Craven*, Cumberland, Hoke, New Hanover, Onslow, Pender)	T		S2	G4
<i>Utricularia resupinata</i> Northeastern Bladderwort C: natural lakes (Columbus, Washington)	E		S1	G4
<i>Vaccinium angustifolium</i> Northern Lowbush Blueberry M: high elevation acidic forests and woodlands (Graham, Swain)	SR-P		S1	G5
<i>Vaccinium macrocarpon</i> Cranberry MC: bogs, seeps, pocosins (Alleghany, Ashe, Avery, Bladen*, Brunswick, Burke, Caldwell*, Cumberland, Currituck*, Dare, Haywood, Hyde, Transylvania, Tyrrell, Watauga)	T		S2	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Vandenboschia boschiana</i> Appalachian Filmy-fern M: spray zone of waterfalls, seeps over rock (Graham, Henderson*, Jackson, Macon, Polk*, Rutherford*)	E		S1	G4
<i>Verbesina walteri</i> Walter's Crownbeard M: rich cove forests (Henderson, Macon, Mitchell, Polk, Transylvania, Yancey)	SR-T		S1	G4
<i>Veronica americana</i> American Speedwell MC: seeps, bogs (Alleghany, Ashe*, Avery, Craven*, Madison, Mitchell*, Watauga, Yancey*)	T		S2	G5
<i>Viola appalachiensis</i> Appalachian Violet M: olivine barrens and alluvial forests (Clay, Jackson, Macon, Swain)	SC-V		S2	G4
<i>Viola walteri</i> Prostrate Blue Violet MP: rich cove forests and other rich forests (Jackson, Montgomery, Richmond, Stanly, Transylvania)	SR-O		S1	G4G5
<i>Waldsteinia lobata</i> Lobed Barren Strawberry M: streambanks and ravines (Jackson, Transylvania)	E		S1	G3
<i>Warea cuneifolia</i> Carolina Pineland-cress S: sandhills (Harnett*, Hoke)	E		S1	G4
<i>Woodsia appalachiana</i> Appalachian Cliff Fern M: cliffs, rock outcrops (Alleghany, Ashe, Buncombe*, Burke, Caldwell, Henderson, McDowell, Polk, Rutherford, Surry, Transylvania, Wilkes*)	SR-P		S2	G4
<i>Woodsia ilvensis</i> Rusty Cliff Fern M: cliffs, rock outcrops (Alleghany, Ashe, Surry)	E		S1	G5
<i>Xyris chapmanii</i> Chapman's Yellow-eyed-grass S: mucky sandhill seeps (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	SR-D		S3	G3
<i>Xyris floridana</i> Florida Yellow-eyed-grass C: savannas (Brunswick, Carteret, Columbus, Hoke, Onslow, Pender, Robeson*)	SC-V		S1	G4G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Xyris scabrifolia</i> Harper's Yellow-eyed-grass S: sandhill seeps and bogs (Cumberland, Harnett, Hoke, Moore, Pender, Richmond, Scotland)	SC-V		S2	G3
<i>Xyris serotina</i> Acid-swamp Yellow-eyed-grass C: savannas (Columbus*)	SC-H		SH	G3G4
<i>Xyris stricta</i> Pineland Yellow-eyed-grass C: savannas (Brunswick, Carteret, Pender*)	E		S1	G4
<i>Yucca gloriosa</i> Moundlily Yucca T: dunes (Brunswick, Carteret, Dare, Hyde, New Hanover, Onslow, Pender)	SR-P		S2?	G4?
<i>Zephyranthes simpsonii</i> Rain Lily C: roadsides, calcareous coastal fringe forest (Brunswick)	E		S1	G2G3
<u>Mosses</u>				
<i>Aphanorrhagma serratum</i> A Moss P: soil or clay in places subject to inundation (Durham*)	SR-O		SH	G4G5
<i>Archidium donnellii</i> Donnell's Archidium P: sandy or gravelly soil along roadsides, in fields, near granitic outcrops (Wake)	SR-O		S1	G3G5
<i>Archidium tenerrimum</i> An Earth Moss C: dunes, maritime grasslands (Dare*)	SR-O		SH	G5?
<i>Bellibarbula recurva</i> Recurved Bryoerythrophyllum Moss M: thin soil over moist rock (Jackson*, Macon*, Rutherford*, Transylvania*)	SR-P		S1?	G3G5
<i>Brachydontium trichodes</i> Peak Moss M: on moist rocks in spruce-fir forests (Mitchell, Swain)	SR-D		S1	G2G4
<i>Brachymenium systylium</i> Mexican Melon-moss M: on humus in acidic cove forests mixed hardwood-hemlock (Macon*, Rutherford)	SR-D		S1	G5

Scientific Name

Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Brachythecium rotaezanum</i> Rota's Feather Moss CMP: on bark or rock in cove forests (Avery*, Caldwell*, Camden*, Craven*, Durham*, Graham, Haywood, Jackson*, Jones*, Martin*, McDowell*, Mitchell*, Pasquotank*, Rowan*, Rutherford, Swain*, Transylvania, Watauga*)	SR-D		S1	G5
<i>Bruchia brevifolia</i> A Pygmy Moss C: soil of disturbed habitats (Harnett*, Pender*, Sampson)	SR-T		S1?	G3G4
<i>Bruchia carolinae</i> A Pygmy Moss S: sandy soil of roadsides, old fields, or other disturbed areas (Lee*)	SR-L		S1?	G3?
<i>Bruchia fusca</i> A Pygmy Moss S: sandy soil (Harnett*)	SR-T		SH	G1?
<i>Bruchia hallii</i> A Pygmy Moss C: sandy soil in open places (Pender*)	SR-T		SH	G2
<i>Bryocrumia vivicolor</i> Gorge Moss M: rocks and streambanks in humid gorges, spray zones of waterfalls (Jackson, Transylvania)	SR-T		SH	G1G2
<i>Bryoerythrophyllum ferruginascens</i> Rust Foot Moss M: on moist rocks or soil at high elevations (Jackson, Rutherford*)	SR-D		S1	G3G4
<i>Bryoerythrophyllum inaequalifolium</i> A Foot Moss M: on thin soil over shale (McDowell*)	SR-D		S1	G4?
<i>Bryoxiphium norvegicum</i> Sword Moss M: rocks in humid gorges, spray zones of waterfalls (Jackson, Macon, McDowell*, Transylvania)	SR-O		S1	G5?
<i>Bryum limbatum</i> A Moss P: low elevation rocky summits (Rutherford)	SR-D		S1?	G5?
<i>Bryum riparium</i> Riverside Bryum M: spray zones of waterfalls (Transylvania*)	SR-D		SH	G2G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Buxbaumia aphylla</i> Bug-on-a-stick M: forests, roadside banks (Haywood*)	SR-O		SH	G5
<i>Buxbaumia minakatae</i> Hump-backed Elves M: on rotten logs and stumps in mountain forests (Avery*, Watauga*)	SR-T		SH	G2G4
<i>Campylium stellatum</i> Yellow Starry Fen Moss M: fens (Ashe)	SC-V		S1	G5
<i>Campylopus atrovirens</i> var. <i>atrovirens</i> Black Fish Hook Moss M: near crevices and seepage zones on exposed granite (Ashe*, Buncombe*, Haywood, Jackson*, Macon*, Transylvania)	SR-D		S1?	G4G5TNR
<i>Campylopus carolinae</i> Savanna Campylopus C: Obscure in xeric sandy soils or compact tufts of other mosses (Bladen, Brunswick, Carteret, Columbus, Cumberland, Sampson, Scotland)	SR-T		S1S2	G2
<i>Campylopus oerstedianus</i> Oersted's Campylopus P: granite flatrocks (Rutherford, Wake*)	SR-D		S1	G2G3
<i>Campylopus paradoxus</i> Paradoxical Campylopus M: high elevation rock outcrops (Avery*)	SR-D		S1	G5
<i>Cirriphyllum piliferum</i> Long Leaf Mustache Moss M: moist rocks, wet by seepage or waterfall spray (Alleghany*, Jackson, McDowell*, Swain*, Transylvania)	SR-P		S1	G5
<i>Cleistocarpidium palustre</i> Phascum Moss P: wet soil, sandy swamps (McDowell, Wake)	SR-D		S1	G5?
<i>Coscinodon cribrosus</i> Copper Grimmia MP: rock outcrops and cliffs (Alleghany*, Burke)	SR-T		S1	G3G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Cryphaea nervosa</i> A Thread Cedar Moss MP: trunks of trees in humid forests, sometimes in swamp forests (Macon*, Moore*, Orange, Swain*)	SR-T		S1?	G4?
<i>Cyrto-hypnum pygmaeum</i> Pygmy Cyrto-hypnum Moss M: moist woods, over moist rocks (Rutherford*, Swain*)	SR-O		S1?	G4G5
<i>Dichelyma capillaceum</i> Hair Claw Moss P: bases of trees, stumps, or on rocks in places submerged at high water (McDowell, Mecklenburg*, Orange)	SR-P		S1?	G5
<i>Dichodontium pellucidum</i> Transparent Fork Moss M: seepage or spray zones of waterfalls on mafic or calcareous rocks (Ashe*, Buncombe*, Haywood*, Jackson*, Macon, McDowell*, Mitchell*, Swain*, Transylvania*, Yancey*)	SR-P		S2	G5
<i>Dicranella rufescens</i> Red Fork Moss MP: wet soil on banks of roads and streams (Burke, Durham*, Jackson, Macon*, Rutherford, Transylvania)	SR-O		S1?	G5?
<i>Dicranella varia</i> Variable Fork Moss MP: wet, calcareous soil, in open, disturbed places (Durham*, Granville, Macon*, Rutherford)	SR-O		S1?	G5
<i>Dicranum undulatum</i> Bog Broom-moss M: bogs, seeps (Avery, Buncombe*, Burke*, Haywood*, McDowell*, Yancey*)	SR-D		S1	G5
<i>Didymodon fallax</i> Fallacious Screw Moss M: soil, silt, sandstone, concrete, calcareous rock (McDowell*)	SR-O		SH	G5
<i>Didymodon tophaceus</i> Three-ranked Didymodon MP: on limestone, limy shale, clay in moist areas, seepages, waterfalls (McDowell*, Rowan)	SR-O		S1?	G5
<i>Ditrichum ambiguum</i> Ambiguous Ditrichum M: acidic cove forests (Macon)	SR-P		S1	G4?

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Ditrichum rhynchostegium</i> Ditrichum Moss MP: sandy or clay soil, clearings in woods, over rocks and along streams (Jackson*, Macon*, Surry*, Transylvania*)	SR-T		S1?	G3G5
<i>Encalypta procera</i> Extinguisher Moss M: on moist calcareous rocks (Macon, McDowell)	SR-D		S1	G5
<i>Entodon compressus</i> Flattened Entodon MP: on moist calcareous rocks (Macon, McDowell*, Person*, Rockingham*)	SR-P		S1	G4
<i>Entodon concinnus</i> Lime Entodon M: on moist calcareous rocks (McDowell*)	SR-P		S1	G4G5
<i>Entodon sullivanii</i> Sullivan's Entodon M: on rocks or bark in humid gorges and cove forests (Buncombe*, Burke, Caldwell*, Graham*, Jackson, Macon, McDowell, Polk*, Swain, Transylvania)	SR-O		S2	G3G4
<i>Ephemerum cohaerens</i> Northern Short-lived Moss P: moist or drying disturbed soil (Durham*)	SR-T		SH	G4G5
<i>Eucladium verticillatum</i> Lime-seep Eucladium M: on moist calcareous rocks (McDowell)	SR-O		S1	G4
<i>Fissidens amoenus</i> Hall's Pocket Moss C: on bark in cypress-gum swamps (Jones*)	SR-T		S1	G2
<i>Fissidens asplenioides</i> A Plume Moss P: sandstone ledges and crevices in moist ravines and grottoes, along streams and waterfalls (Stokes*)	SR-O		SH	G3G5
<i>Fissidens hallianus</i> A Plume Moss C: on bark in cypress-gum swamps (Beaufort*)	SR-O		SH	GNRQ
<i>Fissidens scalaris</i> A Plume Moss P: bare, disturbed soil of stream banks and roadsides (Mecklenburg*)	SR-O		SH	G2?

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Fontinalis sphagnifolia</i> A Water Moss M: on rocks in flowing water (Macon)	SR-O		S1?	G3G5
<i>Fontinalis welchiana</i> Welch's Fontinalis Moss P: submerged rocks (Orange)	SR-T		S1?	GU
<i>Grimmia longirostris</i> A Beard Moss M: waterfall spray zones (Transylvania*)	SR-D		S1?	G5
<i>Herzogiella turfacea</i> Flat Stump Moss M: on bases of trees and rotten logs in coniferous and hardwood forests (Burke, Jackson, Swain, Transylvania, Yancey)	SR-P		S1?	G5
<i>Homalia trichomanoides</i> Lime Homalia M: in spray zones of waterfalls, on rocks in humid gorges (Avery, Jackson, Macon*, McDowell, Transylvania)	SR-P		S1	G5
<i>Homaliadelphus sharpii</i> Sharp's Homaliadelphus M: on dry mafic or calcareous rocks in gorges (Jackson*, Transylvania*)	SR-P		SH	G3?
<i>Hygrohypnum closteri</i> Closter's Brook-hypnum MP: on rocks submersed in streams (McDowell*, Orange, Polk*, Swain*)	SR-T		S1	G3
<i>Hylocomiastrum umbratum</i> Shaded Feather Moss M: on trees and rocks in moist forests, especially under spruce-fir (Swain*, Yancey*)	SR-P		S1?	G5
<i>Hypnum pratense</i> Meadow Feather Moss M: terrestrial in damp open sites, swampy and peatland areas (Ashe, Jackson)	SR-P		S1?	G5
<i>Leptodontium excelsum</i> Grandfather Mountain Leptodontium M: on bark of Fraser Fir and Red Spruce trees in spruce-fir forests (Avery, Caldwell, Haywood, Jackson, Mitchell, Swain, Transylvania*, Watauga)	SR-L		S1	G2

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Leptodontium flexifolium</i> Pale-margined Leptodontium M: high elevation rocky summits and moist calcareous rocks (Ashe*, Avery, Caldwell, Haywood*, Swain*, Transylvania*, Watauga, Yancey*)	SR-D		S1	G5
<i>Leptohymenium sharpii</i> Mount Leconte Moss M: moist rocks in spruce-fir forests (Haywood*, Jackson, Mitchell*, Swain*, Yancey)	SR-L		S1	G1
<i>Leskeella nervosa</i> Common Fine Moss M: dry or moist, shaded substrates (Haywood*)	SR-O		SH	G5
<i>Lindbergia brachyptera</i> Lindberg's Maple-moss M: bark of hardwoods (Ashe*, Cherokee*, McDowell, Watauga)	SR-P		S1	G5
<i>Macrocoma sullivantii</i> Sullivant's Maned-moss MP: bark of cedar or hardwoods (Burke, Clay*, Jackson, Macon, Rutherford, Swain, Transylvania, Wilkes)	SR-D		S2	G3G5
<i>Micromitrium synoicum</i> A Moss P: drying or dried ponds, edges of lakes or streams, bare soil in open forests (Durham)	SR-O		S1?	G4
<i>Neckera complanata</i> Flat Feather Moss M: on calcareous rocks in humid gorges (Jackson, Transylvania)	SR-O		S1	G5
<i>Orthodontium pellucens</i> Translucent Orthodontium MP: moist felsic or calcareous rocks (Stokes*, Swain*)	SR-O		S1	G5
<i>Orthotrichum exiguum</i> Small Wood-bark Moss P: base of trees or on tree trunks (Union*)	SR-O		SH	G3?
<i>Orthotrichum keeverae</i> Keever's Bristle-moss MP: on trees around low elevation granitic domes (Alexander, Alleghany, Wilkes)	SR-L		S2	G2
<i>Orthotrichum obtusifolium</i> Blunt Bristle-moss M: bark of hardwoods (Ashe*)	SR-P		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Orthotrichum strangulatum</i> Drummond Moss MP: exclusively on dry, exposed, calcareous or dolomitic bluffs and rock faces (Forsyth*, Madison*, McDowell*)	SR-P		SH	G4
<i>Oxyrrhynchium pringlei</i> Pringle's Water Feather Moss M: rocks and streambanks in humid gorges, spray zones of waterfalls (Burke, Macon, McDowell, Polk, Transylvania)	SR-D		S1	G2G3
<i>Palamocladium leskeoides</i> Palamocladium M: calcareous rocks in humid gorges (Jackson*)	SR-D		S1	G3G5
<i>Philonotis cernua</i> Dwarf Apple Moss M: in spray zones of waterfalls, moist rocks in humid gorges (Jackson, Macon, Rutherford*, Transylvania)	SR-D		S1	G4?
<i>Philonotis uncinata</i> An Apple Moss M: rocks and soil in open habitats (Transylvania*)	SR-P		SH	GNR
<i>Pilosium chlorophyllum</i> A Moss M: moist area on trees (Jackson, Transylvania)	SR-D		S1?	GNR
<i>Plagiomnium carolinianum</i> Carolina Star-moss M: rocks and streambanks in humid gorges (Jackson, Macon*, Swain*, Transylvania, Yancey)	SR-L		S2	G3
<i>Plagiomnium ellipticum</i> Marsh Magnificent Moss M: rocks in moist areas (Graham)	SR-P		S1?	G5
<i>Plagiomnium rostratum</i> Long-beaked Thread Moss M: wet rocks (Buncombe, Macon, McDowell*, Transylvania)	SR-P		S1?	G5
<i>Platydictya confervoides</i> Alga-like Matted-moss M: calcareous rocks (Madison*, McDowell*)	SR-P		S1	G4G5
<i>Platyhypnidium riparioides</i> Long-beaked Water Feather Moss M: streams (Graham, Haywood, Jackson, Macon*, Rutherford, Transylvania)	SR-O		S1?	G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Pleuridium sullivanii</i> Sullivant's Pleuridium Moss S: sandy soil in open weedy habitats, openings in woods, disturbed roadsides (Harnett*)	SR-O		SH	G3G5
<i>Pleurochaete luteola</i> Spring-leaved Screw Moss P: exposed clay or sandy soil over calcareous rock (Durham)	SR-O		S1?	GNR
<i>Pogonatum dentatum</i> Hair-like Hair-cap M: dry, sunny habitats, sandy or gravelly soil, rocks (Mitchell)	SR-P		S1?	G5
<i>Pohlia lescuriana</i> Spherical Bulb Nodding Moss MP: on wet, noncalcareous soil in open areas (Ashe*, Burke, Forsyth*, Jackson, Macon, Rutherford, Watauga)	SR-T		S1?	G4G5
<i>Pohlia melanodon</i> Pink-fruited Thread-moss P: moist, clay soils (Durham, Yancey*)	SR-D		S1?	G4?
<i>Polytrichastrum alpinum</i> Alpine Hair Moss M: open areas on rocks or humus (Mitchell)	SR-D		S1?	G5
<i>Racomitrium aciculare</i> Dark Mountain Fringe Moss M: wet, shaded, acid rocks (Burke, Jackson, Macon, Transylvania)	SR-P		S1?	G5
<i>Rhabdoweisia crenulata</i> Himalayan Ribbed-weissia M: moist rocks in cove forests in humid gorges (Jackson, McDowell)	SR-D		S1	G3G5
<i>Rhachithecium perpusillum</i> Budding Tortula PM: bark of hardwoods (Ashe*, Cleveland*, Iredell*, McDowell*, Mecklenburg*, Surry*, Watauga*, Wilkes*)	SR-D		S1S2	G4G5
<i>Rhytidiadelphus subpinnatus</i> Subpinnate Gooseneck Moss M: damp to wet substrates in swamps and moist forests, along streams, spray of waterfalls (Macon)	SR-T		S1?	G5
<i>Rhytidium rugosum</i> Golden Tundra-moss M: high elevation rocky summits, grassy balds, glades, over mafic rocks (Ashe, Avery, Buncombe*, Caldwell, Mitchell, Watauga, Yancey*)	SR-P		S2	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Rosulabryum andersonii</i> Anderson's Melon-moss M: on humus in acidic cove forests - mixed hardwood-hemlock (Macon)	SR-L		SH	GH
<i>Schlotheimia lancifolia</i> Highlands Moss M: on bark of hardwoods in cove forests (Clay, Graham, Jackson, Macon, Transylvania)	SR-O		S1	G2
<i>Sciuro-hypnum populeum</i> Matted Feather Moss M: mountain forests (Avery*, Caldwell*, Henderson, Rutherford, Watauga*)	SR-P		S1	G5
<i>Scopelophila cataractae</i> Agoyan Cataract Moss MP: copper-rich soils (Burke, Cabarrus, Davidson, Jackson, McDowell, Montgomery, Rowan)	SR-D		S1	G3
<i>Scopelophila ligulata</i> Copper Moss MP: copper-rich soils and rock faces (Buncombe, Burke, Cabarrus, Clay*, Graham, Haywood, Jackson*, McDowell, Rowan, Swain*, Transylvania)	SR-O		S1	G5?
<i>Sphagnum angustifolium</i> Narrowleaf Peatmoss M: bogs (Alleghany, Ashe, Jackson, Mitchell, Transylvania, Watauga)	SR-D		S1	G5
<i>Sphagnum capillifolium</i> Northern Peatmoss M: bogs, heath bald (Ashe, Avery*, Buncombe, Burke, Caldwell*, Henderson*, Jackson, Macon*, Watauga)	SR-P		S1	G5
<i>Sphagnum contortum</i> Contorted Peatmoss M: bogs (Ashe, Burke, Watauga)	T		S1	G5
<i>Sphagnum fallax</i> Pretty Peatmoss CM: bogs (Ashe, Avery, Brunswick*, Burke, Catawba, Jackson, McDowell)	SR-P		S2	G5
<i>Sphagnum flexuosum</i> Flexuous Peatmoss M: bogs (Jackson, McDowell, Watauga)	SR-P		S1	G5
<i>Sphagnum fuscum</i> Brown Peatmoss M: bogs (Ashe, Watauga)	SR-P		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Sphagnum pylaesii</i> Simple Peatmoss M: seepage cliffs, natural pools (Burke, Jackson*)	SR-D		S1	G4
<i>Sphagnum russowii</i> Russow's Peatmoss M: bogs (Bertie, Macon*, Watauga)	SR-D		S1	G5
<i>Sphagnum squarrosum</i> Squarrose Peatmoss M: spray zones of waterfalls, seepage in spruce-fir forests (Burke, Macon, Watauga*, Yancey)	SR-P		S1	G5
<i>Sphagnum subsecundum</i> Orange Peatmoss M: bogs and rock ledges (Ashe, Avery, Burke*, Catawba, Haywood*, Jackson, Macon, McDowell, Mitchell, Swain, Transylvania, Wake, Watauga)	SR-P		S1	G5
<i>Sphagnum tenellum</i> Delicate Peatmoss M: high elevation granitic domes (Jackson*)	SR-D		S1	G5
<i>Sphagnum torreyanum</i> Giant Peatmoss C: beaver ponds and old mill ponds on blackwater creeks (Craven, Dare, Harnett*, Hoke, Jones, Richmond, Scotland, Tyrrell)	SR-P		S1	G5
<i>Sphagnum warnstorffii</i> Fen Peatmoss M: bogs and fens (Alleghany, Burke, McDowell, Watauga)	SC-V		S1	G5
<i>Splachnum pensylvanicum</i> Southern Dung Moss M: bogs (Avery*, Macon*)	SR-O		SH	G4?
<i>Syntrichia ammonsiana</i> Ammons's Tortula M: shaded rock faces, probably with nutrient-rich seepage (Jackson)	SR-O		S1	G1G3
<i>Syntrichia fragilis</i> Fragile Tortula M: shaded rock faces, probably with nutrient-rich seepage (Jackson*)	SR-D		S1	G5
<i>Syntrichia papillosa</i> Papillose Tortula PM: bark of hardwoods (Davie*, Haywood, Madison*, Orange, Surry*, Watauga)	SR-P		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Syrrhopodon incompletus</i> Cuban Schliessmund T: on tree trunks in maritime forests (Brunswick*)	SR-P		S1	G5
<i>Taxiphyllum alternans</i> Japanese Yew-moss M: on limestone in spray zones of waterfalls (Macon)	SR-O		S1	G3?
<i>Taxiphyllum cuspidifolium</i> Toothleaf Taxiphyllum Moss M: on limestone in spray zones of waterfalls (Macon*)	SR-T		S1	G2G4
<i>Tetrodontium brownianum</i> Little Georgia M: shady recesses of rock overhangs (Jackson, Transylvania)	SR-T		S1	G3G4
<i>Tortula plinthobia</i> A Chain-teeth Moss CMP: calcareous rocks, concrete, or mortared walls (Carteret, Craven*, Madison*, Wake*)	SR-O		S1?	G4G5
<i>Warnstorfia fluitans</i> Floating Sickle-moss M: in spray zones of waterfalls (Avery, Jackson*, Transylvania*)	SR-D		S1	G5
<i>Weissia ludoviciana</i> A Stubble Moss CP: moist soil, fields, among grasses, roadside banks (Durham*, Johnston*, Rowan, Sampson*)	SR-T		S1?	G3G4
<i>Weissia sharpii</i> Sharp's Stubble Moss P: calcareous rock, cedar-oak bluffs, cedar barrens (Davidson, Rutherford)	SR-O		S1?	G3
<i>Zygodon viridissimus</i> var. <i>1</i> A Yoke-moss M: bark of hardwoods in dry oak-hickory forests (Alleghany*)	SR-L		SH	GU
<u>Liverworts</u>				
<i>Acrobolbus ciliatus</i> A Liverwort M: on moist rocks, in spray zones of waterfalls in humid gorges or in high elevation spruce-fir forests (Buncombe, Haywood*, Jackson, Macon, Transylvania, Yancey*)	SC-V		S1	G3?

Scientific Name	Status		Rank			
	Common Name		N.C.	U.S.	N.C.	Global
	Region:	Habitat Comments (Counties of Occurrence)				
<i>Aneura sharpii</i>			SR-T	S1	GNR	
A Liverwort						
					MP: in spray zones of waterfalls (Alleghany, Durham*, Henderson, Jackson*, Macon, McDowell, Rutherford, Swain, Transylvania*, Watauga)	
<i>Barbilophozia barbata</i>			SR-D	S1	G5	
A Liverwort						
					M: on high elevation rocky summits (Alleghany*, Ashe, Wilkes*)	
<i>Barbilophozia hatcheri</i>			SR-D	S1	G5	
A Liverwort						
					M: on high elevation rocky summits (Ashe, Yancey*)	
<i>Bazzania nudicaulis</i>			SR-T	S2	G2G3	
A Liverwort						
					M: on bark of Fraser Fir or on shaded rock in spruce-fir forests (Avery, Buncombe*, Caldwell, Mitchell, Swain, Watauga, Yancey)	
<i>Cephalozia pleniceps</i> var. <i>pleniceps</i>			SR-D	SH	G5T5	
A Liverwort						
					M: moist soil near a spring (Yancey*)	
<i>Cephaloziella hampeana</i>			SR-D	S1	G5	
A Liverwort						
					M: fens (Ashe*, Rutherford)	
<i>Cephaloziella spinicaulis</i>			SR-P	S1	G3G4	
A Liverwort						
					M: in crevices of high elevation rocky summits (Alleghany*, Ashe*, Buncombe, Haywood, Henderson, Macon, Madison, McDowell, Transylvania)	
<i>Cheilolejeunea discoidea</i>			SR-P	SH	GU	
A Liverwort						
					MC: on tree bark in sandhills or mountain forests (Sampson*, Transylvania*)	
<i>Cheilolejeunea evansii</i>			SR-L	S1	G1G2	
A Liverwort						
					M: on bark of hardwoods in humid gorges (Jackson, Macon, Transylvania)	
<i>Cheilolejeunea rigidula</i>			SR-P	S2	G5	
A Liverwort						
					CT: on bark in maritime forests, and in blackwater swamp forests (Brunswick, Columbus*, Hyde*)	
<i>Cololejeunea ornata</i>			SR-T	SH	G2G4	
A Liverwort						
					M: on bark of trees, sometimes over other liverworts (Jackson*, Macon*)	

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Cylindrocolea rhizantha</i> A Liverwort C: on marl outcrops (Columbus*)	SR-P		SH	G3?
<i>Diplophyllum obtusatum</i> A Liverwort M: on rock outcrops (Buncombe*, Burke*, McDowell*)	SR-D		S1	G2?
<i>Diplophyllum taxifolium</i> var. <i>mucronatum</i> A Liverwort M: high elevation rocky summits (Haywood*, Jackson*, Transylvania*)	SR-L		S1	G5T1
<i>Drepanolejeunea appalachiana</i> A Liverwort M: on moist rock, rhododendron bark, and rhododendron leaves in humid gorges (Burke, Clay, Graham, Haywood, Jackson, Macon, Transylvania)	SR-T		S1	G2?
<i>Frullania appalachiana</i> A Liverwort M: on bark of hardwoods in spruce-fir forests (Avery*, Burke, Clay, Graham, Haywood*, Jackson*, Macon*, Rutherford, Transylvania)	SR-L		S1?	G2?
<i>Frullania donnellii</i> A Liverwort C: on bark of <i>Ilex</i> in marshes (Carteret*)	SR-T		SH	G3?
<i>Fuscocephaloziopsis connivens</i> var. <i>bifida</i> A Liverwort C: moist riverbank (New Hanover*, Pender*)	SR-T		S1	G5T1Q
<i>Fuscocephaloziopsis pleniceps</i> var. <i>caroliniana</i> A Liverwort M: edge of stream (Transylvania*)	SR-L		SH	G5T1
<i>Lejeunea bermudiana</i> A Liverwort C: on marl outcrops or on decaying logs in blackwater swamps, or tree bases in swamps (Brunswick*, Carteret, Columbus, Craven, Jones)	SR-P		S1	G3G4
<i>Lejeunea blomquistii</i> A Liverwort M: on dead tree bark or vertical rock faces in spray zone of waterfalls (Burke, Jackson, Macon*, McDowell, Transylvania)	SC-V		S1	G1G2

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Lejeunea cavifolia</i> A Liverwort M: on shaded mafic rocks (Ashe*, Polk*, Swain)	SR-P		S1	G5
<i>Lejeunea glaucescens</i> var. <i>acrogyne</i> Raven Rock Liverwort C: endemic to one historical location on shaded rock at the piedmont/coastal plain fall line (Harnett*)	SR-L		SX	G5TH
<i>Leptoscyphus cuneifolius</i> A Liverwort M: on bark of Fraser Firs or on moist rock, in spruce-fir forests (Haywood*, Jackson*, Mitchell*, Swain, Yancey)	SR-D		S2	G4G5T5
<i>Lophocolea appalachiana</i> A Liverwort M: on rock faces in spray zone of waterfalls (Burke, Cherokee, Graham, Henderson, Jackson, Macon, McDowell, Rutherford)	SC-V		S1	G1G2Q
<i>Lophocolea muricata</i> A Liverwort M: on rocks or bark in humid gorges (Burke, Jackson, Macon*, Transylvania)	SC-V		S1	G5
<i>Lopholejeunea nigricans</i> A Liverwort C: on bark of gums and cypresses in blackwater swamp forests (Columbus*)	SR-D		SH	G4G5
<i>Lophozia excisa</i> A Liverwort M: on high elevation rocky summits (Ashe*)	SR-D		S1	G5
<i>Mannia californica</i> A Liverwort M: on mineral-rich, dry rock outcrops (Jackson*, McDowell, Polk*, Rutherford)	SR-T		S1	G3?
<i>Marsupella funckii</i> A Liverwort M: on high elevation, sulphur-bearing rock (Swain*)	SR-D		S1	G4G5
<i>Mesoptychia heterocolpos</i> A Liverwort M: on high elevation rocky summits (Ashe)	SR-D		S1	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Metzgeria consanguinea</i> A Liverwort M: Fraser fir forests and hemlock forests (Avery, Caldwell, Clay*, Graham, Haywood, Jackson, Macon*, Mitchell, Swain, Transylvania, Watauga, Yancey)	SR-D		S1S2	G4
<i>Metzgeria violacea</i> A Liverwort M: bark of trees (Haywood, Jackson)	SR-D		S1S2	G4
<i>Microlejeunea epiphylla</i> A Liverwort TC: on bark in maritime forests (Carteret*)	SR-L		S1	G2G3
<i>Mylia taylorii</i> A Liverwort M: moist rock outcrops at high elevations, spray zone of waterfalls (Avery, Caldwell, Jackson, Watauga)	SR-D		S1	G5
<i>Nardia scalaris</i> ssp. <i>botryoidea</i> A Liverwort P: exposed rock ledges sometimes wet from seepage (Burke)	SR-O		S1	G5T1
<i>Nardia scalaris</i> ssp. <i>scalaris</i> A Liverwort M: on high elevation rocky summits and on moist rocks in spruce-fir forests (Buncombe, Haywood*, Jackson*)	SR-D		S1	G5T5
<i>Plagiochasma intermedium</i> A Liverwort M: on moist limestone (McDowell*)	SR-O		S1	G3G5
<i>Plagiochasma wrightii</i> A Liverwort M: on moist calcareous rocks (McDowell, Rutherford)	SR-D		S1	G3?
<i>Plagiochila austinii</i> A Liverwort M: moist rocks (Avery, Burke, Graham, Jackson, Macon, Madison, Wilkes)	SR-T		S1S2	G3
<i>Plagiochila echinata</i> A Liverwort M: rocks and streambanks in humid gorges, spray zone of waterfalls (Graham, Jackson, Macon*, Transylvania)	SR-L		S1	G2

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Plagiochila exigua</i> A Liverwort M: on bark of Fraser Firs in spruce-fir forests, rarely on hardwoods (Avery, Buncombe*, Haywood*, Jackson*, Mitchell, Swain, Transylvania*, Yancey)	SR-D		S2	G4?
<i>Plagiochila miradorensis</i> var. <i>miradorensis</i> A Liverwort T: on bark in maritime forests and swamps (Carteret*)	SR-P		SH	G4T4
<i>Plagiochila patula</i> A Liverwort CP: on bark at bases of trees in swamps (Brunswick, Columbus*)	SR-P		S1	G4G5
<i>Plagiochila raddiana</i> A Liverwort CPM: on bark or moist rock in swamps and mountain gorges (Beaufort, Bladen, Brunswick*, Burke, Carteret, Cherokee*, Clay*, Craven, Durham*, Jackson*, Macon*, McDowell, Onslow, Orange, Rutherford*, Stokes*, Transylvania, Washington*, Yadkin*)	SR-P		S1	G5
<i>Plagiochila sullivantii</i> A Liverwort H: shaded rocks (Avery*, Burke*, Caldwell*, Cherokee*, Clay*, Graham, Haywood*, Jackson*, Macon*, McDowell*, Mitchell*, Swain*, Transylvania, Watauga*, Yancey*)	SR-T		S2	G2
<i>Plagiochila virginica</i> var. <i>caroliniana</i> A Liverwort M: moist rock faces, including spray zone of waterfalls (Avery*, Buncombe, Caldwell, Graham, Jackson*, Macon*, Mitchell, Transylvania*)	SR-T		S1	G3T2
<i>Plagiochila virginica</i> var. <i>virginica</i> A Liverwort CM: on limestone (Ashe, Henderson, Jackson, Martin*, McDowell, Pitt*, Wilkes*)	SR-L		S1	G3T3
<i>Porella wataugensis</i> A Liverwort M: on rocks in humid gorges (Burke, Graham, Macon, McDowell, Transylvania, Watauga*)	SR-L		S1	G1G2Q
<i>Ptilidium ciliare</i> A Liverwort M: on soil in high elevation forests (Mitchell)	SR-D		S1	G5
<i>Radula voluta</i> A Liverwort M: on moist rocks in spray zones of waterfalls (Macon)	SR-D		S1	G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Riccardia jugata</i> A Liverwort M: on fallen logs in humid areas, especially gorges (Graham*, Haywood*, Henderson, Macon)	SR-L		S1?	G2
<i>Scapania mucronata</i> A Liverwort M: high elevation rocky summits (Ashe*)	SR-D		S1	G5
<i>Sphenolobopsis pearsonii</i> A Liverwort M: on bark of Fraser Firs in spruce-fir forests (Avery, Caldwell, Haywood, Jackson, Mitchell, Swain, Watauga, Yancey)	SR-O		S2	G2?
<i>Sphenolobus saxicola</i> A Liverwort M: high elevation rocky summits (Mitchell*)	SR-D		S1	G3G4
<i>Tritomaria exsectiformis</i> ssp. <i>exsectiformis</i> A Liverwort M: on high elevation rocky summits (Ashe*)	SR-D		SH	G5T5
<u>Hornworts</u>				
<i>Aspiromitus appalachianus</i> A Hornwort M: on rocks on streambeds (Transylvania*)	SR-L		SH	G1
<u>Lichens</u>				
<i>Acanthothecis paucispora</i> A Script Lichen CT: bark of hardwood trees that occur in mature upland forests surrounded by expansive swamp forests (Jones, Tyrrell)	SR-L		S1	GNR
<i>Anaptychia crinalis</i> Hanging Fringe Lichen M: high elevation rocky summits and exposed tree twigs on dry ridges (Mitchell)	SR-D		S1	G5
<i>Anzia americana</i> A Black-foam Lichen M: on bark of trees in humid gorges (Transylvania*)	SR-T		S1	G3G5
<i>Anzia ornata</i> A Black-foam Lichen C: on bark of deciduous trees where humidity is fairly high (Brunswick, Camden, Dare, Duplin*, Gates, Jones, Pender, Tyrrell, Washington)	SR-T		S2	G1G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Cetraria arenaria</i> Sand-loving Iceland Lichen M: high elevation rocky summits, sandy soil, or thin soil over bedrock (Ashe, Avery, Mitchell*, Watauga)	SC-V		S2	G4
<i>Cetrelia cetrarioides</i> Sea Storm Lichen M: on trees and mossy rocks in forests with an open understory; may prefer old growth or very mature forests (Buncombe*, Haywood, Jackson*, Mitchell*, Swain*, Yancey*)	SR-D		S2	G4G5
<i>Cladonia psoromica</i> Bluff Mountain Reindeer Lichen M: rock outcrops and fens and glades over amphibolite rock (Ashe)	SR-L		S1	G1
<i>Ephebe americana</i> A Rockshag Lichen M: high elevation rocky summits (Caldwell*, Haywood*, Jackson*, Transylvania)	SR-T		S1	G2G3
<i>Ephebe lanata</i> Rockshag Lichen MP: on rocks in rapidly flowing water and grottoes around mountain spray cliffs (Clay, Jackson, Macon, Mitchell*, Stokes*, Swain, Transylvania*)	SR-D		S1	G5
<i>Gymnoderma lineare</i> Rock Gnome Lichen M: high elevation rock outcrops, outcrops in humid gorges (Ashe, Avery, Buncombe, Burke, Clay, Graham, Haywood, Jackson, Macon, Mitchell, Rutherford, Swain, Transylvania, Yancey)	E	E	S3	G3
<i>Heterodermia appalachensis</i> Appalachian Fringe Lichen MP: hardwood bark or rock faces, possibly associated with old growth forests (Graham, Haywood, Henderson, Macon, Stokes*, Swain)	SR-O		S2	G2?
<i>Hypotrachyna sinuosa</i> Virginia Loop Lichen M: on twigs or small branches in humid but open forests (Haywood, Jackson, Yancey*)	SC-V		S1	G3G5
<i>Hypotrachyna virginica</i> Virginia Loop Lichen M: on twigs or rocks in open forests at high elevations (Buncombe*, Haywood, Jackson*, Swain, Yancey)	SC-V		S1S2	G1G2
<i>Lecanora anakeestiicola</i> Anakeesta Rim-lichen M: high elevation outcrops of the Anakeesta Formation (Haywood, Swain)	SR-L		S1	GNR

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Lobaria scrobiculata</i> Textured Lungwort M: on bark of hardwoods at high elevations (primarily spruce-fir zone) (Buncombe*, Graham, Haywood, Jackson*, Macon, Swain, Yancey*)	SR-P		S2?	G5
<i>Melanelia stygia</i> Alpine Camouflage Lichen M: high elevation rocky summits (Avery, Buncombe, Macon, McDowell, Mitchell, Yancey)	SR-D		S1S2	G5
<i>Pannaria conoplea</i> Mealy-rimmed Shingle Lichen M: on bark at high elevations (Buncombe*, Haywood*, Henderson, Macon, Transylvania)	SR-D		S1	G4G5
<i>Physcia pseudospeciosa</i> A Rosette Lichen M: mossy rocks in open woods and high elevation granitic and sandstone rock outcrops (Jackson)	SR-T		S1	G1G2
<i>Porpidia contraponenda</i> Boulder Lichen M: high elevation rocky summits (Swain)	SR-T		S1	G2G3
<i>Rinodina brodoana</i> Brodo's Pepperpot M: bases of mature oak trees in middle and low elevation mature, acidic forests (Haywood, Macon, Swain)	SR-L		S1	GNR
<i>Rockefelleria crossophylla</i> Old Gray Crosslobes M: bases of very large overhangs of acidic rock, in environments with a relatively high and constant humidity (Avery, Graham, Haywood, Macon, Swain, Transylvania)	SR-T		S2	GNR
<i>Sticta deyana</i> Foliose Lichen CT: bark of mature trees in swamp forests (Dare)	SR-T		S1	GNR
<i>Sticta limbata</i> Powdered Moon Lichen M: on bark and over mosses on trees and rocks (Haywood)	SR-D		S1	G3G4
<i>Teloschistes flavicans</i> Sunrise Lichen C: on branches of trees and shrubs or on the ground in open areas, especially near the coast (Brunswick, Carteret, Onslow)	SR-P		S1	G4G5
<i>Usnea angulata</i> Old Man's Beard M: on branches of juniper on high elevation granitic domes (Jackson, Macon, Swain*)	SR-P		S1	G3G5

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Xanthoparmelia monticola</i> A Rock-shield Lichen MP: high elevation rocky summits and mafic glades (Buncombe*, Haywood*, Jackson*, Mitchell*, Montgomery, Transylvania*)	SR-L		S2?	G2?

NORTH CAROLINA PLANT LIST – WATCH

The North Carolina Plant Watch List includes species that are rare or uncommon, are not well studied, or are otherwise threatened with serious decline but for which current information does not justify placement on the Rare List by the NCNHP. Watch List species can be indicators of significant habitats, and their presence should be considered in planning natural area protection efforts, though obviously with less weight than higher priority rare species and natural communities. The NCNHP maintains files on these species but does not include them in its GIS maps or database files. Plants placed on this list fall into a number of categories, discussed below. The NCNHP requests additional information about these species in order to clarify their status and reclassify them into other appropriate and more specific categories. Counties of known occurrence are listed for most groups.

Reasons for the current placement of species on the Watch List rather than at a high rarity status (Endangered, Threatened, Special Concern, or Significantly Rare) vary. The taxonomic validity of some of these species is currently in doubt. For many of them, the NCNHP lacks adequate documentation of their historic or present extent in North Carolina. Others are known to be rare or uncommon in North Carolina but may not be native to the state, and they may or may not be declining. Some others may not necessarily be rare yet, but they are undergoing significant losses of or disturbances to their habitats. For most species, however, their actual rarity is poorly known and we are **requesting more data for every Watch List category** before such species receive a higher, and more formal, rarity status. Plant survey forms are provided online at <https://www.ncnhp.org/share-data/contribute-your-data/plant-survey-form>. People may complete the online survey form or download the form and email completed forms to natural.heritage@ncdcr.gov or mail to: N.C. Natural Heritage Program; MSC 1651; Raleigh, NC 27699-1651.

The Watch List has been divided into categories, which have been devised to indicate the reasons for each species' current placement. These categories and their descriptions have been developed by the NCNHP. A number of species have been placed in two Watch categories because it is believed they may be at risk for at least two reasons.

CATEGORY	DESIGNATION	DESCRIPTION
W1	Rare but Relatively Secure	Species whose status in N.C. is relatively well known and appear to be relatively secure at this time. While still notably rare, these species do not currently require site-specific monitoring and so are not on the Rare List. Many of these species were formerly on the Rare List; they are retained in this category because they require a lower level of continued monitoring to ensure their long-term
W2	Rare but Questionable Taxonomy	Species including taxa of dubious validity and taxa under study and potentially to be named. If further study reveals that these are valid taxa, they would warrant addition to the Rare List. This category has been used for named and unnamed taxa that currently appear to have some significant chance of being proven valid.
W3	Rare but Questionable Documentation	Species that have been reported from N.C. without adequate documentation. These species should be listed at a higher level when their reported occurrence in N.C. is verified. This category includes sight records, old and vague reports for which no documentation has appeared, and, in a few cases, more recent literature reports for which we have not yet received documentation.

CATEGORY	DESIGNATION	DESCRIPTION
W4	Rare but Possibly Not Native	Species known to occur in N.C. that current data suggest are not native to N.C. but whose native occurrence is these species were previously listed at a higher level, but field investigations suggest that all known N.C. occurrences are introductions.
W5	Rare because of Severe Decline to Population or Habitat	Species that have declined sharply in N.C. but do not appear yet to warrant site-specific monitoring. Most species in this category have undergone declines of more than 50% (in many cases more than 90%) from their pre-Columbian status. Reasons for decline include exotic pests or pathogens, massive modification of the landscape, suppression of natural fires, and failure of reproduction. Because many of these species were once abundant or even dominant in parts of N.C., they may still be fairly common or frequently encountered, despite the strong decline. If current trends continue, however, many of these species will be threatened with extirpation in all or a major part of their
W6	Regionally Rare	Species that are rare in one region of North Carolina while being uncommon to abundant within another region. These regional rarities, generally within-state disjuncts, are significant for protection of genetic variation and long-term viability of species. W6 plants are listed immediately following the Watch List in this volume.
W7	Poorly Known in NC	Species with inadequate information about their distribution and rarity in N.C. These are generally species not previously listed as rare in N.C. but which appear to be so based on herbarium or museum records and field experience of NCNHP staff, consultants, and cooperating scientists. Further information is needed to determine the true status of

Scientific Name Common Name	Status		Rank		
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.
NORTH CAROLINA PLANT LIST – WATCH					
<u>Vascular Plants</u>					
<i>Abies fraseri</i> Fraser Fir			W5	S2	G2
M: spruce-fir forests (Ashe, Avery, Buncombe, Caldwell, Clay, Jackson, Mitchell, Swain, Transylvania, Watauga, Yancey)					
<i>Acer nigrum</i> Black Maple			W7	S1?	G5
M: rich cove forests (Ashe, Macon, Madison, Swain*, Watauga*, Yancey*)					
<i>Agalinis aphylla</i> Scale-leaf Gerardia			W1	S3	G3G4
CS: wet savannas and Sandhills streamhead pocosin ecotones (Brunswick, Carteret, Columbus, Craven, Cumberland, Duplin*, Harnett, Hoke, Jones*, New Hanover*, Onslow, Pender, Richmond)					
<i>Agalinis decemloba</i> Piedmont Gerardia			W1	S3	G3G4
PMS: dry, open sites (Buncombe*, Burke, Caswell, Durham, Forsyth*, Granville, Harnett, Henderson*, Hoke, Montgomery, Orange, Person, Randolph, Richmond, Rutherford*, Scotland, Stanly, Swain*, Transylvania*, Wake, Warren, Wilkes*)					
<i>Agalinis linifolia</i> Flaxleaf Gerardia			W1	S3	G4?
C: savannas, clay-based Carolina bays, depression ponds, and other wet, open habitats (Bladen, Brunswick, Carteret*, Columbus, Craven, Cumberland*, Hoke, New Hanover, Onslow, Pender, Robeson, Sampson, Scotland*)					
<i>Agalinis obtusifolia</i> Blunt-leaf False-foxglove			W1	S2S3	G4
C: savannas, seepage bogs, and wet ecotones (Bladen, Brunswick, Carteret, Columbus, Craven, Onslow, Pender)					
<i>Agarista populifolia</i> Agarista			W3	SNR	G4G5
C: blackwater swamps (Columbus*)					
<i>Agave virginica</i> Eastern Agave			W1	S3	G5
PMCS: granite flatrocks, mafic glades, dry outcrops, dry woodlands (Anson, Burke, Cabarrus, Cherokee, Clay*, Cleveland*, Cumberland*, Granville, Iredell*, Mecklenburg, Montgomery, Orange*, Randolph, Richmond, Rowan*, Rutherford, Stanly, Union)					

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Amelanchier sanguinea</i> Roundleaf Serviceberry M: thin soils around mafic rock outcrops at lower and middle elevations (Buncombe, Burke, Graham, Haywood, Henderson, Jackson, Macon, McDowell, Rutherford, Swain, Transylvania)	W1		S3	G5
<i>Amorpha schwerinii</i> Piedmont Indigo-bush P: dry forests (Anson, Burke, Catawba, Cleveland, Davidson, Iredell*, Montgomery, Randolph, Rowan, Rutherford*, Stanly)	W1		S3	G3G4
<i>Ampelopsis cordata</i> Heartleaf Peppervine PM: floodplain forests (Anson, Burke, Madison*, Richmond, Wake)	W7		S2	G5
<i>Amphicarpum amphicarpon</i> Pinebarrens Peanut-grass C: pine savannas, pocosins, shallow peat burns in pocosin/savanna ecotones (Beaufort*, Bladen, Brunswick, Carteret, Columbus, Craven, Cumberland, Duplin*, Hoke, Martin*, Onslow, Pender, Pitt*, Robeson*, Sampson, Scotland, Wilson*)	W1		S3	G4
<i>Andropogon arctatus</i> Pinewoods Bluestem C: marsh (Pamlico*)	W3		SU	G3
<i>Andropogon perangustatus</i> Narrowleaf Bluestem CS: clay-based Carolina bays, upland depressions (Brunswick, Carteret, Columbus, Cumberland, Harnett, Hoke, Moore, Onslow, Pender, Richmond, Sampson, Scotland)	W1		S2S3	G5T4
<i>Andropogon tracyi</i> Tracy's Bluestem SCP: sandhills, other dry soils (Gates*, Granville*, Harnett*, Hoke, Johnston*, Moore, Richmond, Scotland*)	W7		S2	G4?
<i>Andropogon virginicus</i> var. <i>decipiens</i> Deceptive Bluestem C: pinelands and disturbed areas (Bertie*, Bladen*, Craven, Dare*, Duplin*, Hyde, Martin*, Nash*, Onslow, Pender)	W7		S1S2	G5T4
<i>Anemone minima</i> Dwarf Thimble-weed M: forests, openings (Burke)	W7		S1?	G3
<i>Angelica atropurpurea</i> Purple-stem Angelica M: roadsides (Alleghany, Haywood*, Wilkes)	W4		S2S3	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Antennaria howellii</i> ssp. <i>petaloidea</i> Field Pussytoes M: dry woodlands (Rutherford)	W7		S1?	G5T4T5
<i>Anthenantia rufa</i> Purple Silkyscale CS: savannas (Bladen, Brunswick, Carteret, Columbus, Craven, Cumberland, Duplin*, Jones, Moore, New Hanover*, Onslow, Pender)	W1		S2	G5
<i>Arabidopsis lyrata</i> ssp. <i>lyrata</i> Lyre-leaf Rockcress CM: around calcareous or mafic rock outcrops (Alleghany*, Ashe, Avery, Buncombe*, Caldwell, Jackson, Jones*, Madison, Watauga*)	W1		S2	G5
<i>Arisaema stewardsonii</i> Bog Jack-in-the-pulpit M: bogs (Alleghany, Ashe, Avery, Buncombe, Catawba, Henderson, Jackson, Macon, McDowell, Mitchell)	W1		S3	G5
<i>Aronia prunifolia</i> Purple Chokeberry M: bogs, seepages, and swamp forests (Ashe, Avery, Burke, Jackson, Macon, McDowell, Watauga)	W1		S2	GNA
<i>Asclepias longifolia</i> Longleaf Milkweed CS: savannas and sandhill seeps (Brunswick, Carteret*, Columbus, Craven, Cumberland*, Dare*, Johnston, Onslow, Pender, Pitt)	W1		S2S3	G4G5
<i>Asclepias tomentosa</i> Sandhills Milkweed SC: sandhills (Bladen, Cumberland, Harnett, Hoke, Lee, Moore, Richmond, Sampson, Scotland*)	W1		S3	G4
<i>Asplenium resiliens</i> Blackstem Spleenwort MP: calcareous rock outcrops (Avery, Haywood, Jackson*, Macon*, Madison, McDowell, Rutherford*, Stanly*, Swain*, Transylvania, Yadkin)	W1		S2	G5
<i>Baccharis angustifolia</i> Saltwater False-willow CT: brackish marshes, shrubby marsh edges (Brunswick, Carteret, Currituck, Dare, Hyde, New Hanover, Onslow, Pender)	W1		S2	G4

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Baptisia albescens</i> Thin-pod White Wild Indigo MPS: open woodlands, clearings (Anson, Burke*, Chatham*, Cleveland, Iredell*, McDowell, Mecklenburg, Montgomery, Moore, Person*, Polk*, Richmond, Rockingham*, Rowan*, Rutherford, Stanly*, Stokes, Surry*, Transylvania*, Union)	W1		S3	G4
<i>Bartonia paniculata</i> ssp. <i>paniculata</i> Twining Screwstem CMPS: bogs, wet savannas, sandhill seeps, other open wet areas (Alleghany, Brunswick*, Burke, Carteret, Craven, Duplin*, Gates*, Jones, Moore, New Hanover, Pender, Scotland, Wake*, Yancey)	W1		S2S3	G5T5
<i>Bartonia verna</i> White Screwstem C: savannas, limesink ponds (Bladen*, Brunswick, Carteret, New Hanover*, Onslow, Pender)	W1		S2	G5?
<i>Bidens mitis</i> Coastal Plain Tickseed CM: freshwater marshes, brackish marshes, and mountain bogs (Brunswick*, Buncombe*, Chowan*, Currituck*, Dare, Jackson, Onslow)	W7		S2?	G4?
<i>Bigelovia nudata</i> var. <i>australis</i> Rayless-goldenrod C: wet depressions and limesink ponds (Carteret)	W7		S1?	G5T4T5
<i>Boechera burkii</i> Porter's Rockcress M: limestone barrens, shale barrens, and other dry, rocky habitats (Madison*)	W7		SH	G5T3T5
<i>Boykinia aconitifolia</i> Brook Saxifrage M: stream banks, meadows, and seepage slopes (Alleghany, Ashe, Avery, Burke, Jackson*, Macon, Mitchell*, Transylvania, Wilkes*)	W1		S3	G4
<i>Brachyelytrum aristosum</i> Northern Shorthusk M: northern hardwood forests (Ashe, Avery, Buncombe, Caldwell, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Mitchell, Swain, Transylvania, Watauga)	W1		S3	G5
<i>Bromus nottowayanus</i> Nottoway Valley Brome MP: rich woods (Ashe, Buncombe, Cherokee, Henderson, Madison, Polk, Rockingham*, Surry*)	W7		S1?	G4G5
<i>Burmannia biflora</i> Northern Bluethreads CS: limesinks, cypress savannas, and sandhill seeps (Beaufort*, Bladen, Brunswick, Carteret, Cumberland, Dare*, Harnett*, Hoke, Moore, New Hanover*, Onslow, Pender, Pitt, Scotland)	W1		S2S3	G4G5

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Calamovilfa brevipilis</i> Pinebarren Sandreed CS: savannas, sandhill seeps (Brunswick, Carteret, Columbus*, Craven, Cumberland, Duplin*, Harnett, Hoke, Johnston*, Montgomery, Moore, Nash, New Hanover, Onslow, Pender, Pitt, Richmond, Sampson*, Scotland)	W1		S3	G4
<i>Carex albursina</i> White Bear Sedge M: rich cove forests, over mafic or calcareous rocks (Ashe, Buncombe, Graham, Haywood*, Macon, Madison*, Mitchell*, Rutherford, Transylvania, Wilkes, Yancey)	W7		S2	G5
<i>Carex biltmoreana</i> Biltmore Sedge M: cliffs, outcrops, and granitic domes (Buncombe, Cherokee, Graham, Haywood, Henderson, Jackson, Macon, McDowell, Polk, Rutherford, Transylvania)	W1		S3	G3
<i>Carex bromoides</i> ssp. <i>montana</i> Blue Ridge Brome Sedge M: bogs, moist areas along streams, seepages in coves (Ashe, Avery*, Buncombe*, Haywood, Henderson, Macon, Rutherford*, Transylvania, Watauga)	W7		S3?	G5T3?
<i>Carex chapmanii</i> Chapman's Sedge C: moist bottomlands and slopes, perhaps associated with marl (Bladen*, Brunswick*, Carteret, Columbus, Craven, Gates, Jones, New Hanover*, Onslow, Pender)	W1		S3	G3
<i>Carex collinsii</i> Collins's Sedge SM: white cedar swamps, bogs (Cumberland, Harnett, Henderson, Hoke, Lee, Moore, Richmond, Scotland, Transylvania)	W1		S3	G4
<i>Carex echinata</i> ssp. <i>echinata</i> Star Sedge M: bogs and seeps (Alleghany, Ashe, Avery, Clay, Henderson, Jackson, Macon, Transylvania, Watauga, Wilkes*, Yancey)	W1		S2S3	G5T5
<i>Carex fraseriana</i> Fraser's Sedge M: forests (Ashe, Avery, Caldwell, Clay, Graham, Haywood*, Jackson, Macon, McDowell*, Mitchell*, Swain, Watauga, Wilkes, Yancey*)	W1		S3	G4
<i>Carex gholsonii</i> Gholson's Sedge C: along creeks and springs (Brunswick, Craven, Jones, Onslow, Pender)	W7		S1S2	G4G5

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Carex granularis</i>			W7		S1?	G5
Limestone Meadow Sedge						
PC: piedmont bottomlands, coastal plain marl forests (Bladen*, Caswell*, Craven*, Durham*, Granville*, Guilford*, Henderson, Jones, Mecklenburg*, Orange*, Pender, Person*, Rowan*, Stokes*, Wilson*)						
<i>Carex hyalinolepis</i>			W1		S2	G4G5
Shoreline Sedge						
C: marshes (Beaufort*, Brunswick, Carteret, Craven, Hyde*, New Hanover, Perquimans*, Richmond, Warren*)						
<i>Carex leavenworthii</i>			W7		S1?	G5
Leavenworth's Sedge						
PM: dry woods (Durham*, Lee, Madison*, Randolph*, Richmond, Rutherford, Warren*)						
<i>Carex leptoneuria</i>			W1		S3	G5
A Wood Sedge						
M: rich cove forests and seepage slopes (Alleghany, Avery*, Buncombe, Cherokee, Clay*, Graham, Haywood, Henderson, Jackson, Macon, Madison*, Swain*, Transylvania, Watauga, Yancey)						
<i>Carex manhartii</i>			W1		S3	G3G4
Manhart's Sedge						
M: rich cove forests (Ashe, Avery, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Swain, Transylvania)						
<i>Carex misera</i>			W1		S3	G3
Wretched Sedge						
M: high elevation rock outcrops (Ashe, Avery, Buncombe, Burke, Clay, Graham, Haywood, Henderson, Jackson, Macon, Mitchell, Swain, Transylvania, Watauga, Yancey)						
<i>Carex mitchelliana</i>			W1		S2	G4
Mitchell's Sedge						
CMPS: swampy woodlands and forests (Alleghany, Anson*, Beaufort*, Brunswick, Carteret, Cherokee*, Clay, Craven, Cumberland, Dare*, Gaston*, Harnett*, Hoke, Iredell*, Jones, Lenoir*, Moore, New Hanover, Pasquotank*, Pender, Richmond, Scotland*, Stokes*, Tyrrell*)						
<i>Carex oklahomensis</i>			W7		S1?	G4
Oklahoma Sedge						
M: seeps (Graham)						
<i>Carex ruthii</i>			W1		S3	G3G4
Ruth's Sedge						
M: seeps and bogs (Ashe, Avery, Buncombe*, Clay*, Graham*, Haywood, Jackson*, Macon, Mitchell*, Swain*, Transylvania*, Watauga, Yancey*)						

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Carex</i> sp. 4 A Sedge M: thin soils over acidic gneiss (Alleghany)	W7		S1	G1
<i>Carex sparganioides</i> Bur-reed Sedge MP: rich cove forests (Alleghany*, Ashe*, Jackson*, Macon, Madison*, Mitchell*, Randolph*)	W7		S2?	G5
<i>Carex tenera</i> Quill Sedge P: low woods (Cabarrus, Durham*, Richmond)	W7		S1?	G5
<i>Carex turgescens</i> Pinebarren Sedge S: seepage bogs (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	W1		S3	G4G5
<i>Carex woodii</i> Wood's Sedge MPC: forested slopes, cove forests, and northern hardwoods (Alleghany, Ashe, Avery, Cherokee, Clay, Henderson, Jackson, Jones*, Macon, Mitchell*, Orange*, Transylvania, Watauga)	W1		S3	G4
<i>Celtis occidentalis</i> Mountain Hackberry CMP: rocky woodlands and mafic cliffs (Buncombe*, Burke, Caswell, Durham, Haywood, Jackson*, Macon*, Madison, McDowell, Polk, Rutherford, Swain*, Wake, Warren*, Yancey*)	W7		S2	G5
<i>Cerastium nutans</i> Nodding Chickweed MP: alluvial forests, bottomlands, moist forests (Ashe*, Buncombe, Clay, Macon, Mitchell, Rockingham*, Transylvania)	W7		S3?	G5
<i>Ceratophyllum echinatum</i> Prickly Hornwort CT: pools, lakes, and estuaries (Beaufort*, Brunswick*, Dare, Perquimans*, Richmond, Wayne*)	W7		S2	G4
<i>Chrysopogon pauciflorus</i> Goldenbeard C: sandhills (New Hanover*)	W4		S1	G4G5
<i>Chrysopsis trichophylla</i> Naked Golden-aster C: xeric sandhills and sandhill scrub (Bladen, Cumberland, New Hanover, Pender, Sampson)	W1		S2	G5

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Chrysosplenium americanum</i> Golden Saxifrage			W1		S3	G5
M: seeps (Ashe, Avery, Haywood, Jackson, Macon, Madison*, Mitchell, Polk*, Swain, Transylvania, Watauga*, Wilkes*, Yancey)						
<i>Cinna latifolia</i> Slender Wood-reed			W7		S1S2	G5
M: high elevation forests and openings (Buncombe*, Graham, Haywood, Macon*, Mitchell*, Swain*, Watauga*, Yancey*)						
<i>Cladium mariscoides</i> Twig-rush			W1		S3	G5
CSMT: bogs, fens, brackish marshes, sandhill seepage bogs (Alleghany, Ashe, Camden, Carteret, Columbus, Craven, Cumberland, Currituck, Dare, Harnett, Hoke, Moore, New Hanover, Onslow, Pender, Watauga, Yancey)						
<i>Cladrastis kentukea</i> Yellowwood			W1		S2S3	G4
M: forests (Cherokee, Clay, Graham, Haywood, Macon, Madison, Swain*)						
<i>Cleistesiospis bifaria</i> Small Spreading Pogonia			W1		S3	G4?
MPC: savannas, dry meadows (Avery, Brunswick, Buncombe*, Burke, Caldwell, Carteret, Catawba, Cherokee, Cleveland, Craven, Graham, Harnett*, Henderson*, Hoke, Madison*, McDowell, New Hanover, Onslow, Robeson*, Rutherford, Scotland*, Transylvania)						
<i>Cleistesiospis divaricata</i> Spreading Pogonia			W1		S3	G4
C: pine savannas (Brunswick, Carteret, Columbus, Hoke, Moore, Onslow, Pender)						
<i>Cleistesiospis oricamporum</i> Small Coastal Plain Spreading Pogonia			W7		S2	G3?
C: Savannas (Brunswick, Craven, New Hanover, Onslow, Pender)						
<i>Coelorachis rugosa</i> Wrinkled Jointgrass			W1		S3	G5
CS: limesink ponds, clay-based Carolina bays, wet savannas (Brunswick, Carteret, Columbus, Craven, Cumberland*, Dare*, Harnett*, Hoke, Moore*, New Hanover, Onslow, Pender, Richmond, Robeson, Sampson, Scotland)						
<i>Comptonia peregrina</i> Sweet Fern			W1		S3	G5
CMPS: open dry sites, often fire-maintained (Alleghany, Burke, Caldwell, Gaston, Henderson, Hoke, Johnston*, Lee*, McDowell, Moore, Transylvania, Wake*, Wilkes)						

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Convolvulus stans</i> Shale Barren Bindweed MP: shale barrens and woodlands (Burke*, Forsyth*, Henderson, Orange*, Rowan*)	W1		S2S3	GNR
<i>Corallorhiza odontorhiza</i> Autumn Coral-root CMP: forests (Alleghany, Ashe*, Avery*, Buncombe*, Burke, Caswell, Catawba, Chatham*, Cherokee, Davidson*, Davie*, Franklin*, Gaston*, Graham, Granville, Guilford*, Haywood*, Henderson*, Iredell*, Jackson, Jones*, Macon, Madison*, Martin*, McDowell, Mecklenburg*, Mitchell*, Montgomery*, Moore*, Nash*, Northampton*, Orange, Person*, Randolph, Rowan*, Rutherford, Stanly*, Stokes*, Vance*, Wake, Warren*, Watauga*, Yancey)	W1		S4?	G5
<i>Coreopsis delphiniifolia</i> Larkspur Coreopsis P: dry woodlands (not yet documented in North Carolina)	W3		SNR	G3?
<i>Coreopsis latifolia</i> Broadleaf Coreopsis M: cove forests and other rich woods (Avery, Buncombe, Caldwell, Haywood, Henderson, McDowell, Mitchell, Polk, Rutherford, Yancey)	W1		S3	G3
<i>Coreopsis pubescens</i> var. <i>robusta</i> Blue Ridge Coreopsis MP: rich woodlands, glades, outcrops (Alleghany*, Ashe*, Cherokee*, Clay*, Haywood*, Iredell*, Jones*, Macon, Polk*, Rutherford, Watauga*)	W7		S2?	G5?T3T5
<i>Crataegus aestivalis</i> May Hawthorn C: swamp forests (Brunswick*, Columbus*, Craven*, Duplin, Onslow*, Pender, Sampson, Wayne*)	W1		S2	G5
<i>Crataegus oreophila</i> Balsam Mountain Hawthorn M: high elevation grassy balds, openings, or hardwood forests (Haywood, Jackson)	W7		S2	GNR
<i>Crataegus pexa</i> Neat Hawthorn CS: Longleaf pine sandhills, other xeric or subxeric forest, pine oak scrublands, disturbed woodlands (Cumberland, Harnett*, Moore*, New Hanover*, Rowan*, Rutherford*)	W7		S3?	GNR
<i>Crataegus schuettei</i> Schuette's Hawthorn M: mesic hardwood forests (Graham, Macon)	W1		S2?	G5?

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Crataegus spathulata</i> Littlehip Hawthorn CPM: bottomlands (Anson, Ashe, Bladen*, Columbus, Cumberland, Davidson, Macon*, Stanly)	W1		S1S2	G5
<i>Cuthbertia rosea</i> Roseling P: dry woodlands (Cleveland*, Rutherford)	W7		S1?	G5
<i>Cynanchum laeve</i> Smooth Swallowwort C: bottomlands and disturbed areas (Bertie, Halifax*, Northampton*, Warren*)	W7		S1?	G5
<i>Cyperus distans</i> A Flatsedge C: marshes (New Hanover*)	W4		SH	G5
<i>Cyperus engelmannii</i> Engelmann's Flatsedge C: alluvial and other damp to wet soils (Brunswick, New Hanover)	W7		S1?	G4Q
<i>Cyperus houghtonii</i> Houghton's Flatsedge P: dry soil (Iredell)	W3		SNA	G4?
<i>Cyperus hystricinus</i> Bristly Flatsedge PC: dry woodlands and forests (Cumberland*, Durham*)	W7		SH	G4
<i>Cyperus squarrosus</i> Awed Flatsedge P: granite flatrocks, other rock outcrops (Durham*, Franklin*, Rowan*, Rutherford)	W7		S2	G5
<i>Cyperus surinamensis</i> Tropical Flatsedge C: marshes, pond edges, disturbed wet areas (Dare)	W4		S1	G5
<i>Cypripedium reginae</i> Showy Ladyslipper M: the only specimen from NC is from implausible habitat - highly acid humus under rhododendron (Jackson*)	W4		SNA	G4G5
<i>Cystopteris bulbifera</i> Bulblet Bladder Fern MP: calcareous rocks (Avery, Buncombe, Madison, McDowell, Orange, Swain*, Transylvania)	W7		S1S2	G5

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Dalea pinnata</i> var. <i>pinnata</i> Eastern Prairie-clover			W1		S2	G5
SC: sandhills and dryish pinelands (Bladen, Cumberland, Harnett*, Hoke, Lenoir*, Moore*, Pender, Richmond, Robeson*, Sampson, Scotland, Wayne*)						
<i>Desmodium cuspidatum</i> var. <i>cuspidatum</i> Large-bract Tick-trefoil			W7		S2?	G5T5?
CPM: roadsides and wooded banks of rivers and streams (Avery*, Brunswick*, Caswell, Clay*, Gaston*, Guilford*, Henderson*, Jones*, Madison*, Mitchell*)						
<i>Diamorpha smallii</i> Elf Orpine			W1		S3	G4
PM: granite flatrocks (Alexander, Anson, Forsyth*, Franklin, Gaston, Granville, Iredell*, Nash*, Rowan, Rutherford, Wake, Yadkin*)						
<i>Dichantheium curtifolium</i> Short-leaved Witch Grass			W7		S1	G3?
MC: montane seepage bogs, wet pine savannas (Brunswick, Clay*, Columbus, Cumberland, Harnett, Hoke)						
<i>Dichantheium dichotomum</i> var. <i>roanokense</i> Roanoke Witch Grass			W1		S2	G5T4?
CS: savannas, open swampy woods, wet peaty meadows (Bladen, Brunswick, Columbus, Craven*, Cumberland, Dare, Hyde*, Jones*, Moore, Onslow, Pamlico, Pender)						
<i>Dichantheium erectifolium</i> Erectleaf Witch Grass			W1		S2	G4
C: pond shores (Bladen, Brunswick, Columbus, Hoke, New Hanover, Onslow, Robeson, Sampson, Scotland)						
<i>Dichantheium linearifolium</i> Low White-haired Witch Grass			W7		S1?	G5
PM: dry open woods and rock outcrops (Ashe, Durham*, Gaston*, Macon)						
<i>Dichantheium malacon</i> Dehiscent Witch Grass			W7		S1?	G3
C: dry pine/scrub oak woodlands (New Hanover*, Pender)						
<i>Dichantheium oligoanthes</i> var. <i>scribnerianum</i> Scribner's Witch Grass			W7		S1?	G5T5
CP: calcareous, coastal-fringe forests and dry, thin woods on basic soils (Carteret, Granville, Onslow)						
<i>Dichantheium ovale</i> var. <i>ovale</i> Elliott's Witch Grass			W1		S2S3	G5T5
C: dry to damp, sandy pinelands (Brunswick*, Carteret, Craven, Gates*, Pender)						

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Dichantheium webberianum</i> Webber's Witch Grass C: moist pine savannas and flatwoods (Brunswick, Carteret, Columbus, New Hanover, Onslow)	W1		S3	GNR
<i>Dirca palustris</i> Leatherwood PM: rich woods, either alluvial or over mafic or calcareous rocks (Anson*, Ashe, Burke, Caswell, Catawba, Chatham*, Clay*, Cleveland, Durham, Haywood, Jackson, Lee, Macon, Madison*, McDowell, Mecklenburg*, Moore, Person, Polk, Randolph, Rockingham, Rutherford, Stanly, Swain*, Wake)	W1		S3	G4
<i>Dryopteris carthusiana</i> Spinulose Woodfern MCP: swampy woods (Avery, Cabarrus*, Camden*, Chowan*, Gates, Haywood*, Jackson*, Macon*, Mecklenburg*, Mitchell*, Moore, Perquimans, Yancey*)	W7		S2	G5
<i>Dryopteris cristata</i> Crested Woodfern MCP: bogs, wet woods (Alamance*, Alleghany, Ashe, Avery, Buncombe, Burke, Camden*, Durham*, Franklin, Gates*, Guilford, Haywood, Henderson*, Macon, Madison*, McDowell, Mecklenburg*, Mitchell*, Orange*, Person, Transylvania, Wake, Warren, Watauga, Yancey)	W1		S3	G5
<i>Dryopteris goldiana</i> Goldie's Woodfern MP: rich, moist woods (Alleghany, Ashe, Buncombe, Burke, Cherokee, Clay, Graham, Haywood, Jackson, Macon, Madison, Mitchell*, Orange*, Swain, Transylvania, Watauga*, Yancey)	W1		S3	G4G5
<i>Dryopteris ludoviciana</i> Southern Woodfern C: acid swamps (Brunswick*, Carteret, Chowan, Columbus*, Craven, Jones, New Hanover*, Onslow, Pender, Washington)	W1		S2	G4
<i>Duravia</i> sp. 2 Glade Knotweed MP: glades and other thin soil over mafic rock (Alexander, Alleghany, Ashe*, Buncombe*, Burke, Durham*, Forsyth*, Granville, Henderson*, Jackson, Macon*, Mecklenburg*, Mitchell*, Orange*, Rockingham*, Stanly*, Wilkes)	W7		S2?	G5
<i>Echinocystis lobata</i> Wild Mock Cucumber M: alluvial forests (Alleghany*, Ashe, Watauga)	W7		S1	G5
<i>Elatine americana</i> American Waterwort M: the only known site for this species in NC is an artificial lake; it is uncertain whether it should be considered native or introduced (Burke, Jackson*)	W4		SNA	G4

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
	<i>Elatine minima</i> Tiny Waterwort P: lakes (Granville)	W4		SNA
<i>Eleocharis engelmannii</i> Englemann's Spikerush PCM: marshes (Alexander*, Henderson*, Hoke, Northampton*, Rowan*, Stanly*)	W7		S1?	G4G5
<i>Eleocharis equisetoides</i> Horsetail Spikerush CP: limesink ponds, lakes, borrow pits, ditches (Bladen, Brunswick, Carteret, Columbus, Craven*, Cumberland, Harnett, Hoke, Moore, New Hanover*, Onslow, Pender, Randolph, Richmond, Scotland, Wake, Washington)	W1		S3	G4
<i>Eleocharis erythropoda</i> Bald Spikerush MC: stream banks and marshes (Ashe*, Madison*)	W7		S1	G5
<i>Eleocharis palustris</i> Small's Spikerush M: open, wet places (Macon*)	W3		S1	G5
<i>Eleocharis tricostata</i> Three-angle Spikerush CP: bogs and savannas (Bladen, Brunswick, Cabarrus, Carteret*, Cumberland, Dare*, Hoke, New Hanover, Northampton*, Onslow, Richmond, Robeson, Sampson, Scotland, Stanly*)	W1		S2S3	G4
<i>Elodea canadensis</i> Canada Waterweed CPM: lakes, ponds, and stagnant waters of streams (Alleghany, Ashe, Craven*, Gates, McDowell*, Orange*, Perquimans*, Wake*, Watauga*)	W7		S1?	G5
<i>Elodea nuttallii</i> Nuttall's Elodea CPM: lakes, ponds, and streams (Avery*, Currituck*, Dare*, Franklin*, Haywood*, Jones*, McDowell*, Perquimans*, Tyrrell*, Wake*, Wilson*, Yancey*)	W7		S2?	G5
<i>Elymus canadensis</i> var. <i>canadensis</i> Great Plains Wild-rye M: rich woods (Buncombe*, Cherokee, Macon, Swain*)	W7		S1	G5T5
<i>Elymus riparius</i> Easterns Riverbank Wild-rye MP: riverbanks and low, rich woods (Alleghany, Ashe*, Avery*, Henderson, Jackson, Madison*, Orange*, Watauga*)	W7		S1S2	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Epilobium leptophyllum</i> Narrowleaf Willowherb MP: bogs and seeps (Alleghany, Ashe, Avery, Burke, Guilford*, Jackson, Macon, Madison, Mitchell, Watauga, Wilkes)	W1		S2S3	G5
<i>Eragrostis frankii</i> Frank's Lovegrass P: open, disturbed sites (Granville*)	W7		S1	G5
<i>Eragrostis lugens</i> Mourning Lovegrass P: open, wet areas (Mecklenburg*)	W7		S1	G5
<i>Eriophorum virginicum</i> Cottongrass MSCP: peaty sites - bogs, fens, pocosins, seeps (Alleghany, Ashe, Bladen, Brunswick, Burke, Cumberland, Currituck*, Edgecombe*, Forsyth*, Harnett, Henderson*, Jackson, Macon*, Moore*, Richmond, Scotland, Transylvania, Tyrrell*, Watauga, Yancey)	W1		S3	G5
<i>Eryngium yuccifolium</i> var. <i>synchaetum</i> Southern Rattlesnake-master C: wet savannas (Bladen*, Brunswick, Columbus, Onslow, Pender)	W2		S2	G5T5
<i>Euonymus atropurpureus</i> Eastern Wahoo PMC: levee forests and rich forests with circumneutral soils (Caswell, Cherokee*, Franklin, Guilford*, Halifax, Lee, Moore, Northampton, Orange*, Person, Polk, Rockingham*, Rutherford*, Stokes*, Swain*)	W7		S2	G5
<i>Eupatorium altissimum</i> Tall Boneset P: woodlands, openings, and old fields over mafic rocks (Burke, Cabarrus, Caswell, Chatham, Davidson*, Granville, McDowell, Mecklenburg, Moore, Person, Randolph, Rowan*, Stanly, Wake*)	W1		S2	G5
<i>Eupatorium anomalum</i> Florida Thoroughwort C: moist savannas, pondshores, moist interdune swales (Pender)	W3		S1?	G2G3
<i>Eupatorium godfreyanum</i> Godfrey's Thoroughwort PM: woodlands, especially over mafic rocks (Burke, Caldwell, Caswell, Catawba, Cleveland, Durham, Granville, Henderson*, McDowell, Orange*, Person, Rutherford, Swain*, Vance*, Wake*)	W1		S3	G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Eupatorium recurvans</i> Recurved Eupatorium C: wet savannas (Pender)	W7		S1?	G3G4Q
<i>Eupatorium sessilifolium</i> var. <i>brittonianum</i> Britton's Eupatorium M: rocky woodlands over mafic rocks (Buncombe*, Burke, Macon, McDowell, Rutherford)	W7		S1?	G5T3T5
<i>Eurybia avita</i> Alexander's Rock Aster M: thin soil around granitic outcrops (Transylvania)	W3		SNA	G3
<i>Eurybia surculosa</i> Creeping Aster M: rock outcrops, glades, rocky woodlands (Buncombe, Cherokee, Graham, Jackson, Macon, Madison, McDowell, Rutherford, Transylvania)	W1		S3?	G4G5
<i>Eutrochium maculatum</i> var. <i>maculatum</i> Spotted Joe-pye Weed M: wet calcareous meadows, cove forests, grassy balds (Ashe*, Avery*, Buncombe*, Haywood*, Jackson, Macon*, Mitchell, Polk*, Watauga*, Yancey*)	W7		S3?	G5T5
<i>Fallopia cristata</i> Crested Climbing Buckwheat PMC: moist forests, especially alluvial forests (Alexander*, Ashe, Burke, Granville*, Haywood*, Iredell*, Macon*, McDowell, Onslow*, Orange*, Polk, Rutherford, Stokes*, Wake*, Wilkes*)	W7		S2?	G5
<i>Frangula caroliniana</i> Carolina Buckthorn PMC: rich bottomlands and slopes (Beaufort*, Buncombe, Burke, Cabarrus, Catawba, Cherokee, Cleveland*, Graham, Iredell*, Lincoln*, Madison, McDowell, Mecklenburg, Polk, Rutherford, Union, Watauga)	W1		S3	G5
<i>Galactia minor</i> Little Milkpea S: sandy fields and roadsides (Hoke*)	W1		S2?	G4
<i>Galium asprellum</i> Rough Bedstraw M: bogs (Alleghany, Ashe, Avery, Haywood*, Watauga)	W7		S2	G5
<i>Galium lanceolatum</i> Lanceleaf Wild Licorice M: rich cove forests (Ashe, Buncombe, Caldwell, Clay*, Graham, Haywood, Jackson, Macon, Madison, Mitchell*, Watauga)	W7		S2	G5

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Gaylussacia bigeloviana</i> Northern Dwarf Huckleberry C: pocosins (Bladen, Brunswick, Carteret, Dare, Jones, Pender)	W7		S2	G4G5
<i>Gentiana austromontana</i> Appalachian Gentian M: mountain forests and grassy balds (Alleghany, Ashe, Avery, Buncombe*, Burke*, Caldwell, Clay, Jackson*, Mitchell, Stokes*, Transylvania*, Watauga*, Yancey)	W1		S2S3	G3
<i>Gentiana clausa</i> Closed Gentian M: forests (Alleghany, Avery, Watauga)	W7		S3	G5
<i>Glandularia canadensis</i> Rose Mock-vervain CPS: sandhills, diabase glades, and other dry woods (Alamance*, Beaufort*, Brunswick*, Granville, Randolph*, Richmond*, Washington*)	W7		S1?	G5
<i>Goodyera repens</i> Lesser Rattlesnake Orchid MP: moist, acid forests, especially under rhododendrons and conifers (Alleghany, Ashe, Avery, Buncombe, Burke, Graham, Haywood, Macon*, Madison, Mitchell, Rutherford, Surry, Swain*, Transylvania, Watauga, Wilkes, Yancey)	W1		S2S3	G5
<i>Habenaria repens</i> Water-spider Orchid CS: in stagnant, blackwater pools and impoundments (Anson, Bladen*, Brunswick, Carteret, Columbus, Cumberland, Dare, Duplin*, Hoke, Moore, New Hanover*, Pender*, Richmond, Scotland)	W1		S2	G5
<i>Heteranthera dubia</i> Water Stargrass M: sluggish streams (Alleghany*)	W3		S1?	G5
<i>Heteranthera reniformis</i> Kidneyleaf Mud-plantain CP: muddy shores, bars, pools (Bertie, Chowan, Davidson*, Franklin*, Gates*, Halifax*, Pasquotank*, Perquimans*, Pitt*, Wake, Washington*)	W7		S2?	G5
<i>Heuchera caroliniana</i> Carolina Alumroot P: rich, rocky woods (Alexander*, Anson*, Burke, Cabarrus*, Cleveland, Davidson*, Forsyth*, Gaston*, Iredell*, Lincoln*, Mecklenburg*, Moore, Randolph*, Rockingham, Rowan*, Rutherford, Stanly, Stokes*, Surry*, Union*)	W7		S3	G3

Scientific Name

Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Heuchera longiflora</i> Long-flower Alumroot M: rich and rocky cove forests, especially over calcareous or mafic rocks (Buncombe, Haywood*, Madison)	W7		S2	G4
<i>Heuchera parviflora</i> var. <i>parviflora</i> Grotto Alumroot MP: in deep shade under overhanging cliffs (Avery, Buncombe, Burke, Haywood, Henderson*, Jackson, Macon, McDowell, Polk*, Rutherford, Stokes, Surry*, Transylvania)	W1		S3	G4T4
<i>Heuchera parviflora</i> var. <i>saurensis</i> Sauratown Grotto Alumroot MP: shaded cliff bases (Burke*, Stokes*, Surry*)	W7		SH	G4TH
<i>Hexastylis lewisii</i> Lewis's Heartleaf PSC: mesic mixed hardwood forests, streamhead pocosin ecotones (Anson, Bladen, Burke, Chatham, Cumberland*, Duplin*, Durham, Granville, Halifax, Harnett, Johnston, Lenoir*, Nash, Northampton, Orange, Pender, Person, Sampson, Vance, Wake)	W1		S3	G3
<i>Hexastylis</i> sp. 1 Buck Creek Heartleaf M: serpentinized Olivine Barrens (Clay)	W7		S1?	GNR
<i>Houstonia longifolia</i> var. <i>glabra</i> Granite Dome Bluet M: high elevation granitic domes, rarely other outcrops (Clay, Haywood, Henderson, Jackson, Macon, Madison, Transylvania)	W1		S3	G5T3Q
<i>Humulus lupulus</i> var. <i>lupuloides</i> Hops CP: alluvial forests and bottomlands (Caswell, Randolph*, Rockingham*, Stokes*, Wake*)	W7		S1?	G5T5
<i>Humulus lupulus</i> var. <i>pubescens</i> Hops P: bottomlands (Randolph*, Rockingham*, Stokes*)	W4		SU	G5T4?
<i>Huperzia appressa</i> Appalachian Fir-clubmoss M: high elevation rocky summits, seeps, fens (Ashe, Avery, Buncombe, Haywood, Jackson, Macon, McDowell, Mitchell, Rutherford, Transylvania, Watauga, Yancey)	W1		S3	G5
<i>Hydrangea cinerea</i> Ashy Hydrangea M: shady ledges and cliffs, upslope of alluvial forests (Cherokee, Clay*, Cleveland, Graham, Henderson, Jackson*, Macon*, McDowell, Polk, Rutherford, Swain*, Transylvania)	W7		S2	G5

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Hydrophyllum macrophyllum</i> Largeleaf Waterleaf M: rich woods, especially rocky calcareous forests and cliffs (Buncombe, Haywood, Jackson, Madison, Watauga, Yancey)	W1		S3	G5
<i>Hypericum buckleyi</i> Blue Ridge St. John's-wort M: high elevation rocky summits, granitic domes, grassy balds (Buncombe, Clay, Haywood, Jackson, Macon, Transylvania)	W1		S3	G3
<i>Hypericum ellipticum</i> Pale St. John's-wort M: habitat in North Carolina not known	W3		SNR	G5
<i>Hypericum graveolens</i> Mountain St. John's-wort M: high elevation balds, outcrops, seeps (Buncombe*, Haywood, Jackson, Macon, McDowell*, Mitchell, Swain*, Transylvania, Yancey*)	W1		S2S3	G3
<i>Hypericum mitchellianum</i> Mitchell's St. John's-wort M: high elevation balds, outcrops, seeps (Ashe, Avery, Buncombe*, Burke, Graham, Haywood, Jackson, Macon*, McDowell, Mitchell, Watauga, Yancey)	W1		S2S3	G3
<i>Ilex amelanchier</i> Sarvis Holly CS: blackwater swamps and riverbanks, clay-based Carolina bays (Bladen, Brunswick, Columbus, Cumberland, Harnett*, Hoke, Montgomery, Pender, Richmond, Robeson, Sampson, Scotland)	W1		S3	G4
<i>Ilex cassine</i> Dahoon C: blackwater swamps and pocosins (Brunswick, Carteret, New Hanover)	W1		S2	G5
<i>Ipomoea brasiliensis</i> Railroad Vine C: ocean beaches (Carteret)	W4		S1	G5
<i>Ipomopsis rubra</i> Standing Cypress CMPS: sandy soils (Cumberland*, Harnett*, Henderson, Hoke, Moore, Richmond, Robeson*, Rutherford*, Scotland)	W7		S1S2	G4G5
<i>Iresine rhizomatosa</i> Rootstock Bloodleaf TC: low wet places, interdune swales, damp woods, edges of brackish marshes (Brunswick, Carteret, Cumberland, Dare, New Hanover, Onslow, Pender*, Sampson*)	W1		S2S3	G5

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Isoetes hyemalis</i> Wintergreen Quillwort CPS: beds of blackwater and other streams (Brunswick*, Columbus, Cumberland, Duplin, Harnett, Johnston*, Jones, Moore, Orange, Pender, Sampson*, Scotland)	W7		S2S3	G2G3
<i>Isotria verticillata</i> Large Whorled Pogonia CMPS: forests (Alleghany, Ashe*, Bertie*, Buncombe*, Burke, Caldwell, Carteret, Catawba, Cherokee, Cumberland, Gates*, Graham, Greene*, Guilford, Harnett*, Haywood*, Henderson, Hertford*, Macon, Madison*, McDowell, Montgomery*, Moore, Orange*, Polk*, Randolph, Richmond, Rowan*, Sampson*, Scotland*, Stokes*, Transylvania, Yancey)	W1		S2S3	G5
<i>Juglans cinerea</i> Butternut MP: cove forests, rich woods (Alleghany, Ashe, Avery, Buncombe*, Burke, Caldwell*, Cherokee, Clay, Durham*, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell*, Orange*, Polk, Rutherford, Sampson*, Stanly*, Stokes*, Swain, Transylvania, Watauga, Wilkes*, Yancey)	W5		S2S3	G3
<i>Juncus brachycarpus</i> Whiteroot Rush PC: wet sandy soil (Cabarrus, Chatham*, Duplin*, Durham*, Granville*, Hertford*, Hyde*, Iredell*, Montgomery*, Moore, Nash*, Northampton*, Orange*, Stanly*, Union, Wake*)	W7		S2?	G4G5
<i>Juncus brevicaudatus</i> Mountain Rush M: bogs and seeps at high elevations (Alleghany, Clay*, Haywood*, Jackson*, Swain*, Transylvania*, Watauga*, Yancey*)	W7		S1?	G5
<i>Juncus georgianus</i> Georgia Rush P: shallow depressions in granitic flatrocks and domes (Alexander, Franklin*, Gaston, Rowan*)	W7		S1?	G4
<i>Juncus longii</i> Long's Rush CP: wet, clayey soil (Cumberland, Dare*, Graham*, Harnett, Henderson, Hoke, Iredell*, Jackson*, Lee*, McDowell, Montgomery, Moore, Rutherford, Union*, Wayne*)	W7		S1S2	G3Q
<i>Juncus secundus</i> Nodding Rush PM: rock outcrops and glades (Alexander, Alleghany*, Buncombe, Burke, Caswell*, Davie*, Forsyth*, Franklin*, Gaston*, Granville*, Madison*, Mitchell*, Orange*, Person*, Rockingham*, Union, Wake*)	W7		S1S2	G5?

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Juncus torreyi</i> Torrey's Rush M: bogs (Clay*)	W3		SNR	G5
<i>Kalmia cuneata</i> White Wicky CS: low and high pocosins, streamhead pocosins, and ecotones (Bladen, Cumberland, Hoke, Moore, Pender, Richmond, Scotland)	W1		S3	G3
<i>Krigia biflora</i> ssp. <i>biflora</i> Two-flower Dwarf-dandelion MP: rich mesic woods (Ashe, Avery*, Buncombe*, Caldwell*, Chatham*, Clay, Graham*, Haywood*, Transylvania*)	W7		S2	G5T5
<i>Lathyrus japonicus</i> var. <i>maritimus</i> Beach Pea C: beaches (localities in NC have not been confirmed)	W3		SU	G5T5
<i>Lathyrus venosus</i> Smooth Peavine PM: rich bottomlands and rocky slopes, generally over mafic rocks (Buncombe, Burke, Caswell, Catawba, Cleveland, Durham, Graham, Granville*, Haywood*, Jackson, Macon, Madison, Montgomery, Moore, Orange*, Richmond, Transylvania, Wake*, Watauga*, Wilkes*)	W1		S3	G5
<i>Lespedeza frutescens</i> Violet Lespedeza CP: woodlands and woodland borders (Anson, Edgecombe, Montgomery, Orange, Randolph, Richmond, Stanly)	W7		S2?	G5
<i>Leucospora multifida</i> Cliff Conobea C: sandy margins of ponds and wetlands (Carteret)	W4		SU	G5
<i>Liatris scariosa</i> New England Blazing-star MP: rock outcrops, glades, dry woodlands; mostly over mafic rocks? (Cherokee, Clay, Haywood, Henderson, Jackson, Macon, McDowell, Swain)	W7		S2	GNR
<i>Liatris secunda</i> Sandhill Blazing-star SC: sandhills (Anson*, Bladen, Brunswick*, Hoke, New Hanover, Pender, Richmond, Scotland, Wake)	W7		S2	G4G5

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Lindernia monticola</i> Flatrock Pimpernel PM: seepages on granitic flatrocks and other rock outcrops (Alexander, Cherokee*, Forsyth*, Franklin, Gaston, Granville, Henderson, Nash*, Rowan*, Rutherford, Stokes*, Wake, Yadkin*)	W1		S2	G4
<i>Lithospermum virginianum</i> Virginia Marbleseed CTSP: sandhill woodlands, shell middens, barrens, glades or woodlands over mafic and calcareous rocks (Brunswick*, Burke, Catawba, Cleveland*, Cumberland, Durham*, Harnett, Hoke, Jones*, McDowell, Moore, Polk*, Richmond, Robeson*, Rutherford, Scotland, Wake*)	W1		S3	G4
<i>Lobelia batsonii</i> Cedar Swamp Lobelia SC: wet streamheads and seepage slopes (Cumberland, Hoke, Moore, Richmond, Scotland)	W1		S3	G3
<i>Lonicera flava</i> Yellow Honeysuckle MP: thin soils around rock outcrops, mainly mafic (Buncombe, Burke, Henderson, Jackson, Macon, McDowell, Polk, Rutherford)	W1		S3	G5?
<i>Ludwigia maritima</i> Seaside Seedbox C: savannas, dunes, and ditches (Brunswick, Carteret, Dare, Onslow, Pender)	W7		S2S3	G5
<i>Luzula multiflora</i> var. <i>multiflora</i> Heath Woodrush MP: moist woods (Burke*, Caldwell, Durham, Jackson, Macon, Madison*, Stokes*)	W7		S2?	G5T5
<i>Lycopodiella prostrata</i> Featherstem Clubmoss C: wet savannas (Bladen*, Brunswick, Columbus*, Onslow, Pender, Richmond)	W7		S2?	G5
<i>Lycopus amplexans</i> Clasping Bugleweed CS: clay-based Carolina bays, cypress savannas (Cumberland*, Hoke, Moore, Onslow, Pender, Richmond, Robeson, Scotland)	W1		S3	G5
<i>Lysimachia loomisii</i> Loomis's Loosestrife C: pine savannas and pocosins (Beaufort, Brunswick, Carteret, Columbus*, Craven, Cumberland, Duplin, Johnston*, Jones, Lenoir*, Martin*, Onslow, Pamlico, Pender, Robeson, Wayne*)	W1		S3	G3?
<i>Magnolia acuminata</i> var. <i>subcordata</i> Piedmont Cucumber-tree P: moist slopes (Anson*, Montgomery*, Moore*, Stanly)	W7		S1?	G5T3Q

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Magnolia grandiflora</i> Southern Magnolia C: mainland forests with maritime influence on the southeastern coast of North Carolina; introduced elsewhere (Brunswick, Carteret, Jones*, New Hanover*, Pender)	W1		S2?	G5
<i>Matelea decipiens</i> Glade Milkvine PC: thin woodlands over mafic or calcareous rocks (Davidson, Durham, Franklin, Granville, Hertford, Orange, Richmond, Rutherford, Stanly, Wake)	W1		S3	G5
<i>Matelea flavidula</i> Yellow Carolina Milkvine P: habitat in North Carolina not known (Person*)	W3		SNR	G3?
<i>Mertensia virginica</i> Virginia Bluebells PCM: rich forests on slopes and bottomlands (Alamance, Bertie*, Caswell, Halifax, Person, Rockingham, Watauga*)	W7		S2	G5
<i>Micranthes careyana</i> Carey Saxifrage M: seepy rock faces (Avery, Buncombe, Burke, Caldwell, Graham, Haywood, Henderson*, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Transylvania, Watauga, Yancey*)	W1		S3	G3
<i>Monarda austroappalachiana</i> Ocoee Beebalm M: glades, talus slopes, roadsides (Swain)	W7		S1	G1
<i>Monarda punctata</i> var. <i>arkansana</i> Arkansas Horsemint M: dry forests over mafic rock (Haywood, Polk)	W7		S1?	G5TNR
<i>Muhlenbergia glabrifloris</i> Clay-pan Muhly P: clay soils (Durham*)	W7		SH	G4?
<i>Muhlenbergia mexicana</i> Mexican Muhly M: forests and openings (Alleghany, Ashe, Buncombe, Macon*, Mitchell*, Rutherford)	W7		S1?	G5
<i>Muhlenbergia sylvatica</i> Woodland Muhly PM: rich alluvial forests (Avery*, Buncombe, Cherokee, Durham*, Forsyth*, Franklin*, Gaston*, Graham, Granville*, Montgomery*, Orange*, Person*, Rutherford, Swain*)	W7		S1S2	G5

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Nabalus roanensis</i> Roan Rattlesnakeroot M: grassy balds, high elevation forests and outcrops (Alleghany, Ashe, Avery, Buncombe, Clay, Graham, Haywood, Jackson, Macon, Madison, McDowell, Mitchell, Swain, Transylvania, Watauga, Yancey)	W1		S3	G3
<i>Najas gracillima</i> Slender Waternymph CPM: pools and lakes (Avery*, Buncombe*, Chowan*, Forsyth*, Iredell*, Jackson*, Madison*, McDowell*, Orange*, Randolph*, Wake*, Washington*)	W7		S2	G5?
<i>Nanopanax trifolius</i> Dwarf Ginseng MP: cove forests, northern hardwoods, other rich forests (Ashe, Buncombe, Caldwell*, Caswell, Cherokee, Clay, Durham, Graham, Haywood, Jackson, Macon, Orange, Rockingham*, Swain*, Wake, Watauga*)	W1		S3	G5
<i>Nelumbo lutea</i> American Lotus CS: ponds, slow streams, natural lakes, estuarine rivers (Anson, Bertie*, Columbus*, Craven, Halifax*, Johnston*, Perquimans*, Pitt, Richmond*, Robeson*, Stanly, Wake, Wilson*)	W7		S2	G4
<i>Neottia bifolia</i> Southern Twayblade CM: moist hardwood forest, swamps, wet woods with acidic soils (Avery*, Beaufort, Bertie, Bladen, Brunswick, Columbus, Craven*, Currituck, Dare, Gates, Halifax, Henderson, Hoke, Hyde, Jones, Moore, Nash, Onslow, Pender, Richmond, Robeson, Sampson, Transylvania*, Tyrrell, Wake, Washington, Wayne)	W1		S3	G4
<i>Nuphar sagittifolia</i> Cape Fear Spatterdock CS: blackwater streams, rivers, and lakes (Beaufort*, Bladen, Brunswick*, Columbus, Cumberland, Duplin, Harnett, Hoke, Jones*, Moore, Nash*, New Hanover, Pender, Pitt, Richmond, Robeson, Sampson, Scotland)	W1		S3	G2
<i>Nymphoides cordata</i> Little Floating-heart S: blackwater streams and pools, Carolina bays, vernal pools (Cumberland*, Hoke, Moore, Richmond, Scotland)	W7		S2	G5
<i>Ophioglossum crotalophoroides</i> Bulbous Adder's-tongue C: moist ditchbanks and grassy roadside flats (Beaufort*, Brunswick*, Carteret*, Craven*, Dare*, Hyde*, Martin*, Pamlico*, Washington*)	W7		S1?	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Ophioglossum nudicaule</i> Slender Adder's-tongue C: moist sandy flats (Brunswick*)	W7		S1?	G5
<i>Ophioglossum petiolatum</i> Long-stem Adder's-tongue CT: maritime wet grasslands, moist ditch banks, grassy roadside flats (Beaufort*, Brunswick*, Carteret, Craven*, Dare*, Washington*)	W7		S2?	G5
<i>Orbexilum lupinellus</i> Lupine Scurfpea CS: sandhills (Bladen*, Craven, Cumberland*, Harnett, Hoke, Moore, Pamlico*, Richmond, Scotland)	W1		S3	G3G4
<i>Panax quinquefolius</i> Ginseng MPS: cove forests, other rich forests (Alleghany, Ashe, Avery, Buncombe, Burke, Caldwell, Caswell, Catawba, Cherokee, Clay, Cleveland, Davidson*, Durham, Graham, Granville, Haywood, Henderson, Jackson, Lee, Macon, Madison, Martin*, McDowell, Mecklenburg*, Mitchell, Moore, Orange, Person, Polk, Randolph, Rockingham, Rutherford, Stokes, Surry, Swain, Transylvania, Wake, Watauga, Wilkes, Yancey)	W1		S3S4	G3G4
<i>Panicum tenerum</i> Southeastern Panic Grass CST: wet savannas, sandhill seeps, limesink ponds (Brunswick, Carteret, Columbus, Moore*, New Hanover, Onslow, Sampson, Scotland)	W1		S3	G4
<i>Parietaria floridana</i> Florida Pellitory TC: shell middens, disturbed sites, maritime forests (Beaufort*, New Hanover*, Onslow)	W4		S1	G5
<i>Parietaria pensylvanica</i> Pennsylvania Pellitory PMC: slopes and bottomlands, usually over calcareous or mafic rocks (Alleghany, Anson*, Bertie*, Buncombe*, Harnett, Haywood, Madison, Martin*, Mitchell*, Wilkes)	W7		S2	G5
<i>Paronychia fastigiata</i> var. <i>fastigiata</i> Forked Whitlow-wort PS: dry woods and open areas (Burke, Moore*, Stanly)	W7		S1S2	G5T5
<i>Paronychia montana</i> Mountain Nailwort MP: rocky slopes (Alexander, Cherokee*, Henderson*, McDowell, Rutherford, Transylvania*)	W7		S1?	G4

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Parthenium integrifolium</i> var. <i>mabryanum</i> Mabry's Wild Quinine SPC: savannas, pocosin edges, upland pine-oak woods (Alexander*, Beaufort*, Bladen*, Craven*, Cumberland, Harnett, Hoke, Johnston*, Lee*, Mecklenburg*, Montgomery*, Moore, Nash*, Pitt*, Scotland, Stanly, Union, Wake*, Warren*)	W1		S3	G5T3
<i>Paspalum bifidum</i> Pitchfork Crown Grass SC: sandhills and savannas (Brunswick*, Craven, Cumberland, Harnett, Hoke, Jones*, Montgomery*, Moore, Richmond, Scotland)	W1		S3	G5
<i>Paspalum praecox</i> Early Crown Grass CS: limesink ponds and savannas (Bertie*, Bladen*, Brunswick, Carteret, Columbus, Craven, Cumberland, Dare*, Harnett, Hoke, Lee*, Martin*, New Hanover, Onslow, Pamlico*, Pender, Richmond)	W1		S2S3	G4
<i>Paspalum pubiflorum</i> var. <i>glabrum</i> Hairy-seed Crown Grass MP: open areas (Haywood*, Madison*, Stokes*, Yadkin*)	W7		S1?	G5T5
<i>Paxistima canbyi</i> Canby's Mountain-lover M: rock outcrops (Mitchell*)	W4		SNA	G2?
<i>Pediomelum canescens</i> Buckroot SC: sandhills (Bladen*, Brunswick, Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	W1		S3	G4
<i>Pellaea atropurpurea</i> Purple-stem Cliff-brake MPC: limestone outcrops (Ashe, Buncombe, Cherokee, Forsyth*, Haywood*, Jackson, Jones*, Macon*, Madison, McDowell, Mitchell*, Rutherford, Swain, Transylvania, Wake*, Yadkin*)	W1		S3	G5
<i>Persea borbonia</i> Upland Red Bay TC: sandy upland soils in maritime forests (Brunswick, Carteret, Columbus, Craven, Hyde, Lenoir, New Hanover, Onslow, Pender, Washington)	W7		S2	G5
<i>Persicaria densiflora</i> Dense-flower Smartweed C: swamp forests (Carteret, Chowan, Dare, Durham, Granville, Halifax, Hyde, New Hanover, Wake)	W1		S3	G5

Scientific Name Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Phaseolus sinuatus</i> Sandhills Bean			W1		S3	G3?
SC: sandhills (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)						
<i>Philadelphus hirsutus</i> Hairy Mock-orange			W1		S2	G5
MP: bluffs, cliffs, and rocky woods, mainly over mafic or calcareous rocks (Buncombe, Cleveland, Graham*, Madison, McDowell, Mitchell*, Polk, Rutherford, Transylvania)						
<i>Philadelphus inodorus</i> Scentless Mock-orange			W1		S3	G4G5
MP: bluffs, cliffs, and rocky woods, mainly over mafic or calcareous rocks (Avery*, Bladen*, Buncombe*, Burke, Cabarrus*, Caswell, Catawba, Cherokee*, Cleveland*, Durham, Forsyth*, Haywood, Iredell*, Macon, Madison, McDowell, Mecklenburg, Orange, Polk, Randolph, Rutherford, Stanly, Swain*, Wilkes)						
<i>Phlox amplifolia</i> Largeleaf Phlox			W1		S2	G3G5
M: hardwood forests on mafic rock (Buncombe*, Burke, Graham, Haywood*, Jackson, Macon, Madison, McDowell, Mitchell*, Rutherford, Swain, Watauga*, Yancey*)						
<i>Phlox divaricata</i> var. <i>divaricata</i> Wild Blue Phlox			W1		S3	G5T3T5
CM: rich deciduous forests and slopes (Burke, Halifax, Henderson*, Madison*, Northampton, Rutherford*, Swain, Transylvania*, Watauga*)						
<i>Phragmites americanus</i> American Reed			W7		S1?	G5
C: freshwater marshes (Currituck)						
<i>Physalis lanceolata</i> Sandhill Ground Cherry			W1		S2?	G3Q
SC: sandhills (Cumberland*, Harnett*, Hoke, Lee*, Montgomery*, Moore, New Hanover*, Richmond, Robeson*, Sampson, Scotland, Wayne*)						
<i>Phytolacca rigida</i> Maritime Pokeweed			W7		S2	G5
T: dunes, edges of brackish or salt marshes (Beaufort, Brunswick, Carteret, Dare, Hyde, New Hanover, Onslow, Pender)						
<i>Pieris floribunda</i> Fetterbush			W1		S2S3	G4
MP: acid wooded slopes, heath balds at high elevations and summits of Piedmont monadocks (Buncombe*, Burke*, Haywood*, Jackson*, Macon*, Stokes*, Surry*, Transylvania, Watauga*)						

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
	<hr/>			
<i>Piriqueta caroliniana</i> Pitted Stripeseed C: sandy soils of roadsides, woodland edges, and disturbed areas (Brunswick)	W4		S1?	GNR
<i>Platanthera blephariglottis</i> White-fringed Orchid CMPS: bogs or depressions (Bladen*, Brunswick*, Carteret, Craven, Cumberland, Dare, Duplin*, Gates*, Henderson*, Hoke, Johnston*, Martin*, Moore, Onslow*, Pender, Richmond, Robeson*, Scotland*, Transylvania, Tyrrell*, Wake*)	W1		S3?	G5
<i>Polygonella americana</i> Southern Jointweed S: sandhills (Hoke, Richmond, Scotland, Stanly)	W4		SU	G5
<i>Polygonum erectum</i> Erect Knotweed MP: open places (Alamance*, Alleghany, Ashe, Avery*, Caswell, Cherokee*, Clay*, Henderson, Jackson*, Madison*, Surry*, Wake*, Watauga*, Yancey*)	W7		S1S2	G5
<i>Polygonum pinicola</i> Wireweed S: dry sandy areas (Hoke)	W4		S1?	G4G5
<i>Polygonum prolificum</i> Bushy Knotweed T: brackish marshes (Dare)	W7		S1?	G4G5
<i>Polymnia canadensis</i> Canada Leaf-cup M: moist, rich forests, especially over calcareous rock (Graham, Haywood, Madison, Mitchell*, Surry*, Yancey)	W7		S2	G5
<i>Populus grandidentata</i> Bigtooth Aspen M: dry ridges and rocky woods (Alleghany, Ashe, Haywood*, Macon, Polk, Swain, Wilkes, Yancey)	W7		S2	G5
<i>Potamogeton foliosus</i> var. <i>foliosus</i> Leafy Pondweed CMP: lakes, streams, and ponds (Alleghany*, Brunswick*, Buncombe*, Carteret, Cherokee*, Currituck*, Gates*, Jones*, Madison*, Tyrrell*)	W1		S2	G5T5
<i>Prunus nigra</i> Canada Plum MP: rich forests (Davie*, Mecklenburg*, Montgomery*, Orange*, Polk*, Stanly*)	W7		S1?	G4G5

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
	<i>Prunus umbellata</i> Hog Plum PSC: rocky or sandy woodlands (Anson, Bladen, Brunswick*, Burke, Cabarrus*, Cleveland*, McDowell, Moore*, Robeson*, Rutherford, Stanly, Union*)	W7		S2
<i>Prunus virginiana</i> var. <i>virginiana</i> Choke Cherry M: oak and northern hardwood forests (Ashe, Buncombe, Graham)	W7		S2	G5T5
<i>Psilotum nudum</i> Whiskfern C: acid swamp (Chowan, Dare)	W4		S1	G5
<i>Pycnanthemum clinopodioides</i> Basil Mountain-mint MP: forests, woodland borders (Burke, Catawba, Graham, McDowell, Rutherford)	W7		S1?	G1G2
<i>Pyrola americana</i> American Shinleaf MPC: forests (Alleghany, Ashe, Caswell, Davidson, Durham*, Guilford, Iredell*, Mitchell*, Orange, Person, Rockingham*, Rowan, Wake*, Warren*, Wilkes)	W1		S2S3	G5
<i>Quercus bicolor</i> Swamp White Oak P: upland swamp forests (Burke, Davie*, Durham, Granville, Guilford*, McDowell, Mecklenburg, Nash*, Person, Rockingham, Rowan, Wake*, Wilson*)	W1		S2	G5
<i>Quercus muehlenbergii</i> Chinquapin Oak MP: calcareous forests and bluffs (Ashe*, Beaufort*, Burke, Cabarrus*, Caswell, Chatham, Cherokee, Guilford*, Jackson, Madison, McDowell, Montgomery, Person, Polk, Rockingham, Rutherford, Swain, Vance, Wake)	W1		S2	G5
<i>Quercus palustris</i> Pin Oak MP: swamps (Caswell*, Chatham*, Davidson*, Davie*, Durham, Granville, Hertford*, Lee*, Lincoln*, McDowell, Mecklenburg*, Orange*, Person, Rowan*, Rutherford)	W1		S2	G5
<i>Ranunculus allegheniensis</i> Allegheny Mountain Buttercup M: rich cove forests (Alleghany, Ashe, Avery, Haywood*, Macon, Mitchell*, Watauga)	W7		S2	G4G5
<i>Ranunculus laxicaulis</i> Swamp Buttercup C: swamp forests, open wet areas (Bladen, Columbus, Halifax, Northampton)	W7		S2	G5?

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Rhexia cubensis</i> West Indies Meadow-beauty C: limesink ponds (Bladen, Brunswick, Carteret, Columbus, New Hanover, Onslow, Pender, Sampson)	W1		S3	G4G5
<i>Rhynchospora careyana</i> Carey's Beaksedge C: limesink ponds, clay-based bays (Brunswick, Columbus, Craven, Hoke, New Hanover, Onslow, Robeson, Scotland)	W1		S2	G4?Q
<i>Rhynchospora cephalantha</i> var. <i>attenuata</i> Small Bunched Beaksedge S: boggy openings in streamhead pocosins (Cumberland, Harnett, Hoke, Moore, Scotland)	W1		S3	G5T3?
<i>Rhynchospora inundata</i> Narrowfruit Beaksedge SC: limesink ponds, clay-based Carolina bays (Bladen, Brunswick, Carteret, Hoke, New Hanover, Onslow, Pender, Robeson, Scotland)	W1		S3	G4?
<i>Rhynchospora leptocarpa</i> Brownish Beaksedge S: boggy openings in streamhead pocosins, boggy beaver ponds (Cumberland, Hoke, Moore, Richmond, Scotland)	W1		S3	G3
<i>Rhynchospora nitens</i> Short-beak Beaksedge C: savannas, limesinks, other wet open places (Bladen, Brunswick, Carteret, Columbus, Craven, Cumberland, Harnett, Hyde*, Johnston*, Onslow, Pender, Richmond, Scotland)	W1		S3	G4?
<i>Rhynchospora oligantha</i> Feather-bristle Beaksedge CSP: savannas, seepage bogs (Brunswick, Carteret, Columbus, Craven, Cumberland, Harnett, Hoke, Moore, Onslow, Pender, Richmond)	W1		S3	G4
<i>Rhynchospora pallida</i> Pale Beaksedge CS: savannas, sandhill seeps, and pocosins (Beaufort*, Bladen*, Brunswick, Carteret, Columbus, Craven*, Cumberland, Duplin*, Edgecombe, Harnett*, Hoke, Jones*, Nash*, New Hanover, Onslow, Pamlico*, Pender, Richmond, Sampson, Scotland*, Wilson*)	W1		S3	G3
<i>Rhynchospora scirpoides</i> Long-beak Beaksedge C: beaver ponds, limesink ponds, wet savannas (Brunswick, Carteret, Columbus, Craven, Cumberland, Dare, Harnett, Hoke, Moore, New Hanover, Onslow, Richmond, Tyrrell*, Washington)	W1		S3	G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Rhynchospora</i> sp. 2 Croatan Beaksedge C: ecotone between savanna and pocosin (Carteret*)	W7		S1?	G1?
<i>Rhynchospora stenophylla</i> Littleleaf Beaksedge CS: savannas, seepage bogs (Carteret*, Cumberland, Harnett, Hoke, Moore, Onslow, Pender*, Sampson, Scotland)	W1		S3	G4
<i>Rhynchospora wrightiana</i> Wright's Beaksedge C: savannas (Brunswick, Carteret, Cumberland, Harnett, Hoke, New Hanover, Onslow, Pender, Sampson, Scotland, Wayne*)	W1		S3	G5
<i>Robinia hispida</i> var. <i>rosea</i> Boynton's Locust MP: open woods (Alexander*, Alleghany, Buncombe*, Burke*, Catawba, Henderson*, Macon*, Stanly*, Wilkes*)	W7		S2?	G4T3?
<i>Rubus setosus</i> Bristly Blackberry M: bogs and wet thickets (Clay, Macon)	W7		S1?	G4G5
<i>Rudbeckia laciniata</i> var. <i>humilis</i> Blue Ridge Cutleaf Coneflower CMP: seeps, stream banks, and boulderfield forests (Ashe*, Brunswick*, Buncombe, Burke, McDowell, Moore*)	W7		S2?	G5T3?
<i>Rudbeckia triloba</i> var. <i>rupestris</i> Blue Ridge Three-lobed Coneflower M: moist forests, rock outcrops, and balds at high elevations (Mitchell*)	W7		S1	G5T3?
<i>Rumex altissimus</i> Pale Dock CPM: low wet places (Dare*, Durham*, Guilford*, Iredell*, Johnston*, Madison*, McDowell*, Wake*, Warren*, Wilson*)	W7		S2?	G5
<i>Sabatia capitata</i> Rose Gentian M: habitat in North Carolina not known (Cherokee*)	W3		SH	G2
<i>Sabatia dodecandra</i> Large Marsh Pink C: tidal, brackish, and freshwater marshes (Beaufort*, Brunswick*, Carteret, Craven, Currituck*, Dare, Hyde*, Jones*, New Hanover*, Pamlico*, Pasquotank*, Tyrrell*)	W1		S3?	G5?

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Sabatia quadrangula</i> Four-angle Sabatia PCS: moist to mesic grassy glades, woodland borders, powerline clearings, often with hardpan soils (Bertie*, Durham*, Granville, Halifax*, Johnston*, Orange*, Person, Randolph*, Richmond, Rowan*, Scotland*, Stanly, Wake, Wayne*)	W7		S2	G4G5
<i>Sagina procumbens</i> Northern Pearlwort M: high elevation disturbed sites (Mitchell)	W4		SNA	G5
<i>Sagittaria engelmanniana</i> Engelmann's Arrowhead SCP: mostly blackwater streams and bogs (Carteret, Craven*, Cumberland, Harnett, Hoke, Moore, Onslow, Richmond, Scotland)	W1		S2	G5?
<i>Sagittaria platyphylla</i> Delta Arrowhead P: marshes (Union*)	W4		SH	G5
<i>Schizachyrium littorale</i> Seaside Little Bluestem T: coastal dunes and maritime dry grasslands (Brunswick, Carteret, Dare, New Hanover, Onslow, Pender)	W1		S2S3	G5
<i>Schoenolirion croceum</i> Sunnybell S: wet pinelands (Richmond*)	W3		SH	G4
<i>Schoenoplectus americanus</i> Olney Threesquare T: tidal marshes (Brunswick, Carteret, Dare, Hyde*, New Hanover, Onslow)	W7		S1?	G5
<i>Schoenoplectus californicus</i> California Bulrush C: tidal marshes (New Hanover*)	W3		SH	G5
<i>Schoenoplectus subterminalis</i> Swaying Bulrush S: blackwater creeks (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	W1		S3	G5
<i>Scleria georgiana</i> Georgia Nutrush CS: savannas (Brunswick, Carteret, Columbus, Craven, Hoke, New Hanover, Onslow, Pender, Robeson, Sampson, Scotland)	W1		S3	G4

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
	<i>Scutellaria incana</i> var. <i>australis</i> Mellichamp's Skullcap C: sandy deciduous forests (Brunswick*)	W7		SH
<i>Scutellaria ovata</i> ssp. <i>bracteata</i> A Heartleaf Skullcap CP: rich woods on circumneutral soil (Anson, Bladen*, Caswell, Chatham*, Granville, Halifax, Harnett, Northampton, Stanly, Union, Wake)	W7		S2?	G5T3T5
<i>Scutellaria ovata</i> ssp. <i>ovata</i> var. <i>ovata</i> Heartleaf Skullcap M: rich woods on circumneutral soil (Ashe, Burke*, Macon, Madison, Polk*, Stanly*, Transylvania, Wilkes*)	W7		S1	G5TNR
<i>Scutellaria ovata</i> ssp. <i>rugosa</i> A Heartleaf Skullcap PM: rich woods on circumneutral soil (Haywood*, Mitchell*, Yancey*)	W7		S1	G5TNR
<i>Scutellaria serrata</i> Showy Skullcap PM: deciduous forests (Alamance*, Alexander*, Alleghany, Ashe, Buncombe*, Burke, Caswell, Durham*, Granville, Harnett, Lee*, Macon, McDowell, Orange, Person, Rockingham*, Rutherford, Surry*, Wake)	W1		S2S3	G4G5
<i>Senna hebecarpa</i> Wild Senna PM: forests (Buncombe, Burke, Durham, Graham, Granville, McDowell, Moore, Orange, Rowan, Rutherford, Surry)	W7		S2S3	G5
<i>Sideroxylon lycioides</i> Buckthorn Bumelia TCP: maritime forests, bluffs or forests over calcareous or mafic rocks (Alexander*, Anson*, Beaufort*, Bladen, Brunswick, Cabarrus, Carteret*, Columbus, Craven*, Currituck*, Dare*, Johnston*, Jones*, Montgomery, New Hanover, Onslow, Pender, Polk, Richmond, Rowan, Stanly, Tyrrell*)	W1		S2S3	G5
<i>Silene caroliniana</i> var. <i>caroliniana</i> Rock Catchfly P: open, rocky slopes (Anson*, Gaston, Moore, Richmond*, Stanly, Union)	W7		S2S3	G5T4
<i>Silene caroliniana</i> var. <i>pensylvanica</i> Sticky Catchfly CMP: open woodlands with sandy or sandy-loamy soils (Cumberland*, Dare*, Franklin*, Harnett*, Hoke, Johnston, Lenoir*, Macon, Moore, Orange*, Scotland, Wake)	W7		S1S2	G5T4T5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Sisyrinchium montanum</i> var. <i>crebrum</i> Reasoned Strict Blue-eyed Grass M: habitat in NC unknown	W3		S1?	G5T5
<i>Sisyrinchium montanum</i> var. <i>montanum</i> Strict Blue-eyed Grass M: habitat in NC unknown	W3		S1?	G5T5
<i>Smilax pseudochina</i> Long-stalk Greenbrier C: streamheads, ecotones, borders of blackwater creek floodplains (Cumberland*, Gates*, Harnett, Hoke*, Martin, Moore, Onslow*, Robeson*)	W1		S3?	G4G5
<i>Solidago aestivalis</i> Rough-leaved Goldenrod CM: sandhill seeps, mountain bogs, other saturated and sphagnous habitats (Henderson)	W7		S1?	G5T3T5
<i>Solidago arguta</i> var. <i>arguta</i> Forest Goldenrod MPC: forests (McDowell)	W7		S2?	G5T4T5
<i>Solidago gracillima</i> Graceful Goldenrod CS: savannas, boggy sites, peaty places (Brunswick, Carteret, Columbus, Cumberland, Hoke, Jones, Montgomery, Moore, Onslow, Pender, Richmond)	W1		S3	G4?
<i>Solidago lancifolia</i> Lance-leaf Goldenrod M: moist forests over 5,000 ft., grassy balds, openings in Spruce-Fir forests (Avery*, Buncombe, Haywood, Jackson, Macon*, Mitchell)	W7		S1?	G2
<i>Solidago puberula</i> Downy Goldenrod MP: habitat not well known (Alleghany, Avery*, Burke, Cabarrus*, Haywood*, Henderson*, Macon, Mitchell*, Surry*, Transylvania)	W7		S2	G5T4T5
<i>Solidago pulchra</i> Carolina Goldenrod C: savannas (Bladen*, Brunswick, Carteret, Craven, Cumberland, Jones, New Hanover*, Onslow, Pender)	W1		S3	G3
<i>Solidago salicina</i> Round-leaved Goldenrod SPC: seeps, pocosins, peaty places (Brunswick*, Cumberland, Harnett, Hoke, Johnston*, Moore, Person, Richmond, Scotland, Wake)	W1		S2?	G5T5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Solidago tarda</i> Atlantic Goldenrod P: dry, disturbed roadside (Burke, McDowell, Rutherford)	W3		S1?	G4?Q
<i>Spergularia marina</i> Saltmarsh Sandspurrey T: salt marshes and tidal flats (Brunswick*, Carteret, Currituck*, Dare, Hyde*, Onslow, Pamlico*)	W7		S2	G5
<i>Sphenopholis intermedia</i> Slender Wedgegrass MPC: moist nutrient-rich forests, barrens, meadows (Ashe*, Cabarrus*, Caldwell*, Graham*, Guilford*, Haywood*, Madison*, Martin*, Mitchell*, Rutherford, Stokes*)	W7		S2	G5
<i>Spiraea alba</i> Narrow-leaf Meadowsweet M: bogs (Alleghany, Ashe, Avery, Buncombe*, Clay*, Henderson, Jackson*, Macon, Transylvania, Wilkes*)	W1		S2	G5
<i>Spiraea latifolia</i> Broadleaf Meadowsweet M: bogs (Alleghany, Ashe, Avery*, Jackson*, Macon, Surry*, Transylvania*)	W7		S2?	G5
<i>Spirodela polyrrhiza</i> Common Water-flaxseed C: pools, stagnant waters (Bertie, Bladen, Currituck, Dare, Gates, Granville, Pender, Perquimans*, Washington)	W7		S4	G5
<i>Sporobolus pinetorum</i> Carolina Dropseed CS: wet savannas (Bladen, Brunswick, Columbus, Cumberland, Duplin, Greene*, Harnett, Hoke, Jones, Lenoir*, Onslow, Pender, Richmond, Robeson*, Sampson*, Scotland)	W1		S3	G3
<i>Stachys aspera</i> Rough Hedge-nettle PS: moist or wet sandy soil of savannas, marshes, or swamp forests (Moore, Person)	W7		S2	G4?
<i>Stachys hyssopifolia</i> var. <i>hyssopifolia</i> Hyssopleaf Hedge-nettle CP: moist soils of savannas, marshes, seasonally flooded sinkhole ponds, roadside ditches, utility easements (Burke*, Columbus*, Davidson*, Harnett, Hoke, Jones*, Onslow, Scotland*, Stanly*)	W7		S2	G5T4T5
<i>Stellaria alsine</i> Longstalk Starwort MP: seeps and riverbanks (Buncombe, Graham, Haywood, Henderson, Madison, Polk, Transylvania)	W1		S3?	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Stellaria corei</i> Core's Starwort MP: coves, seeps, northern hardwood forests (Ashe, Avery, Buncombe, Burke, Caldwell*, Catawba*, Clay, Haywood, Jackson, Macon, Madison, Mitchell, Polk, Swain, Watauga, Yancey)	W1		S3	G4
<i>Stuckenia pectinata</i> Sago Pondweed CT: brackish and alkaline waters (Currituck*, Dare*)	W1		S2?	G5
<i>Symphotrichum elliotii</i> Elliott's Aster C: freshwater to brackish marshes, swamps, and ditches (Beaufort*, Brunswick, Chowan*, Dare*, Duplin*, Jones, New Hanover*, Onslow*, Pasquotank*, Pender, Tyrrell*)	W1		S2S3	G4
<i>Symphotrichum lanceolatum</i> var. <i>lanceolatum</i> Panicled Aster P: sunny, wet meadows (Ashe, Hyde, McDowell)	W7		S2?	G5T5
<i>Symphotrichum novae-angliae</i> New England Aster MP: wet meadows, bogs (Ashe*, Avery, Buncombe, Cherokee*, Clay, Gaston, Graham*, Haywood*, Henderson, Jackson, Johnston*, Macon, Richmond*, Surry*, Watauga*)	W1		S3	G5
<i>Symphotrichum simmondsii</i> Simmonds' Aster CP: wet ditches (Beaufort*, Brunswick, Carteret*, Columbus*, Currituck*, Dare, Hyde*, New Hanover*, Pender)	W1		S2S3	G4G5
<i>Syngonanthus flavidulus</i> Yellow Hatpins C: ditches, pocosin ecotones, savannas (Bladen, Brunswick, Carteret, Craven*, Cumberland, New Hanover*, Onslow, Pender, Sampson)	W1		S3	G5
<i>Tetragonotheca helianthoides</i> Pineland Squarehead CMP: sandy woodlands, forests, roadsides (Burke, McDowell, Mecklenburg, Rutherford)	W1		S3?	G5
<i>Thermopsis villosa</i> Aaron's-rod M: forests and openings (Avery, Cherokee*, Clay, Graham, Haywood, Jackson*, Macon, Madison*, Surry*, Swain, Transylvania)	W7		S2?	G3?
<i>Thuja occidentalis</i> American Arborvitae M: calcareous bluffs and rocky slopes (Alleghany?, Ashe?, Burke?)	W3		SU	G5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Tilia americana</i> var. <i>americana</i> American Basswood MP: rich cove forests (Buncombe, Burke, Catawba, Cherokee, Davidson*, Person, Swain*, Wake*, Watauga*)	W7		S1?	G5T5
<i>Tradescantia hirsuticaulis</i> Hairy Spiderwort MP: dry rocky woodlands and rock outcrops (Catawba, Cherokee, Jackson, Macon, Madison, McDowell, Orange*, Rutherford, Wake)	W7		S2	G5
<i>Trepocarpus aethusae</i> White-nymph P: rich moist forests, bottomlands (Durham)	W7		S1	G4G5
<i>Tridens carolinianus</i> Carolina Triodia S: sandhills and pine flatwoods (Brunswick*, Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	W1		S3	G3G4
<i>Trillium rugelii</i> Southern Nodding Trillium PM: rich woods and coves over mafic and calcareous rocks (Avery, Buncombe, Burke, Cherokee, Davie, Guilford*, Haywood, Henderson, Macon, Madison, McDowell, Mecklenburg*, Mitchell*, Polk, Richmond, Rutherford, Transylvania, Yancey)	W1		S3	G4
<i>Triosteum angustifolium</i> var. <i>angustifolium</i> Smooth Lesser Horse-gentian P: mesic forests, bluffs, outcrops, especially over calcareous or mafic rocks (records not yet entered) (Cabarrus*, Caswell, Durham, Granville, Guilford*, Mecklenburg*, Orange*, Randolph*)	W7		S2	G5
<i>Triosteum angustifolium</i> var. <i>eamesii</i> Hairy Lesser Horse-gentian M: mesic forests, bluffs, outcrops, especially over calcareous or mafic rocks (Cabarrus*, Caswell, Durham, Granville, Guilford*, Mecklenburg*, Orange*, Randolph*)	W3		S1?	G5TNRQ
<i>Triosteum aurantiacum</i> var. <i>aurantiacum</i> Early Horse Gentian MP: rich cove forests over mafic rocks (Ashe, Graham, Granville, Haywood, Jackson, Macon, Madison, McDowell*, Transylvania)	W7		S2	G5T5
<i>Triphora trianthophoros</i> var. <i>trianthophoros</i> Three Birds Orchid CMP: moist forests (Ashe*, Avery, Buncombe, Burke, Carteret, Cherokee, Clay, Dare, Graham, Haywood, Henderson, Jackson*, Macon, McDowell, Polk*, Swain, Transylvania, Yancey)	W1		S2S3	G4?T4?

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Tsuga canadensis</i>			W5		S4S5	G5
Eastern Hemlock						
MP: moist soils (Alexander, Alleghany, Ashe, Avery, Buncombe, Burke, Caldwell, Cherokee, Clay, Cleveland, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Orange, Polk, Rutherford, Stokes, Surry, Swain, Transylvania, Wake, Watauga, Yancey)						
<i>Tsuga caroliniana</i>			W5		S2	G2G3
Carolina Hemlock						
MP: open forests on ridgetops, rocky bluffs, or gorge walls (Alexander, Ashe, Avery, Burke, Catawba, Cleveland, McDowell, Mecklenburg*, Rutherford, Stokes, Surry, Transylvania)						
<i>Ulmus serotina</i>			W3		SH	G4
September Elm						
M: mesic limestone forests (Madison*)						
<i>Utricularia foliosa</i>			W3		SU	G5
Leafy Bladderwort						
C: habitat in North Carolina not known						
<i>Vaccinium hirsutum</i>			W1		S3	G4
Hairy Blueberry						
M: ridgetop red oak forests, oak hickory forests, pine oak heath (Cherokee, Graham, Macon, Swain)						
<i>Vaccinium virgatum</i>			W7		S1S2	G4
Small-flower Blueberry						
S: pocosins, blackwater swamps, mesic pine flatwoods, sandhill seeps (Brunswick, Craven, Cumberland, Hoke, Jones, Moore, Pender, Pitt, Richmond, Robeson, Scotland, Wake)						
<i>Valerianella umbilicata</i>			W7		SH	G4G5
Woodland Cornsalad						
PM: rich woods and disturbed sites (Forsyth*, Randolph*, Stokes*, Swain*)						
<i>Verbena hastata</i>			W7		S2S3	G5
Blue Vervain						
CMP: marshes, bogs, and fields (Alleghany, Ashe, Buncombe, Burke, Onslow, Wake)						
<i>Verbena scabra</i>			W7		S2?	G5
Sandpaper Vervain						
CT: marsh edges, shell middens (Bladen*, Brunswick*, Carteret*, Chowan*, Currituck*, Hyde*, New Hanover*, Onslow, Pender, Pitt)						
<i>Verbesina helianthoides</i>			W3		SU	G5
A Crownbeard						
M: habitat in North Carolina not known						

Scientific Name Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Verbesina virginica</i> var. <i>virginica</i> Frostweed			W7		S2?	G5?T5?
CMPS: moist forests, especially over calcareous rocks (Jones, Macon, Richmond, Rockingham, Stanly, Wake)						
<i>Veronica anagallis-aquatica</i> Blue Water Speedwell			W7		S1?	G5
M: bogs, streambanks, rivulets (Avery, Madison*, Mitchell*)						
<i>Veronicastrum virginicum</i> Culver's-root			W7		S2?	G4
MP: bogs, wet meadows, dry soils over mafic rocks (Alleghany, Ashe, Avery*, Buncombe*, Durham*, Forsyth*, Graham, Granville, Jackson, Madison*, Orange*, Person*, Vance, Wake, Warren, Yancey*)						
<i>Vigna luteola</i> Wild Cowpea			W4		S1?	G5
C: marsh edges, wet open areas (Brunswick, New Hanover*)						
<i>Viola brittoniana</i> Northern Coastal Violet			W7		S2?	G4G5
CSP: moist slopes and low wet places (Columbus, Cumberland, Currituck*, Gates, Harnett, Hertford*, Johnston, Jones, Moore*, Northampton*, Pender, Perquimans*, Richmond*, Robeson*, Scotland, Washington*)						
<i>Viola labradorica</i> Alpine Violet			W7		S2?	G5
MP: rich cove forests, bottomlands and seepage slopes (Alexander*, Alleghany, Ashe, Cherokee, Clay*, Haywood*, Henderson, Iredell, Macon, Swain, Vance*)						
<i>Viola tripartita</i> Three-parted Violet			W7		S2?	G5
MP: forests associated with basic soils (Buncombe*, Burke, Catawba*, Clay*, Davidson*, Forsyth*, Graham*, Henderson, Iredell*, Mitchell*, Orange*, Polk, Rockingham*, Rowan*, Stanly*, Stokes*, Transylvania, Yancey*)						
<i>Viola villosa</i> Carolina Violet			W7		S2	G5
CSP: moist places, especially pocosin edges (Anson*, Bladen*, Cumberland, Hoke, New Hanover*, Onslow*, Pender, Richmond, Scotland)						
<i>Waldsteinia fragarioides</i> Northern Barren-strawberry			W1		SU	G5
P: forests and streambanks (Burke, Catawba, Graham)						

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Xyris brevifolia</i> Shortleaf Yellow-eyed-grass C: savannas, other low wet areas (Bladen, Brunswick, Carteret, Columbus, Craven, Onslow, Pender, Sampson)	W1		S3	G4G5
<i>Xyris flabelliformis</i> Savanna Yellow-eyed-grass CPS: savannas, streamhead pocosins (Bladen, Brunswick, Carteret, Onslow, Pender)	W1		S3	G4
<i>Xyris iridifolia</i> Iris-leaf Yellow-eyed-grass CS: limesink ponds, pineland pools, marshes (Beaufort*, Bladen, Brunswick, Carteret, Columbus*, Craven, Cumberland, Jones*, Onslow, Pender, Richmond, Robeson)	W7		S2	G4G5T5
<i>Xyris smalliana</i> Small's Yellow-eyed-grass CS: pineland pools, limesink ponds, shores (Bladen, Brunswick, Carteret, Columbus, Craven*, Moore, New Hanover, Onslow, Richmond, Sampson, Scotland, Washington)	W1		S3	G5
<i>Yucca aloifolia</i> Aloe Yucca T: dunes (Brunswick, Carteret, Dare, Hyde, New Hanover, Pender)	W1		S2?	G5
<i>Yucca flaccida</i> Weakleaf Yucca CSPM: open, dry woodlands (Alleghany, Burke, Catawba, Cherokee*, Lee*, Lenoir*, McDowell)	W7		S1?	G5
<i>Zannichellia palustris</i> Horned Pondweed TC: calcareous or brackish waters of pools and estuaries (Brunswick*, Craven, Currituck*, Dare*, Hyde*, Onslow, Pamlico*, Tyrrell*)	W7		S2?	G5
<i>Zizania aquatica</i> var. <i>aquatica</i> Indian Wild Rice C: freshwater marshes (Brunswick, Carteret, Craven, Dare, Gates, Jones, New Hanover, Pender, Washington)	W7		S2	G5T5

Mosses

<i>Amblystegium humile</i> A Thin-net Moss CP: wet substrates (Bertie, Brunswick, Buncombe, Caswell*, Durham, Edgecombe, McDowell, Moore, Pasquotank, Tyrrell)	W7		S2?	G5
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----	--	-----	----

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Amphidium mougeotii</i> Mougeot's Yoke Moss M: Seasonally wet crevices of neutral to acidic cliffs (Ashe*, Haywood*, Jackson, Macon, Polk*, Transylvania*, Watauga*)	W7		S2?	G5
<i>Anacamptodon splachnoides</i> Knothole Moss MP: bark of trees (Burke*, Chatham*, Clay*, Durham*, Graham*, Haywood*, Henderson*, Jackson, Macon*, McDowell, Mitchell*, Moore*, Orange*, Stokes*, Yancey*)	W7		S2?	G3G5
<i>Andreaea rothii</i> Roth's Andreae Moss M: wet rocks and seepages at high elevation (Buncombe, Haywood, Jackson, Macon*, McDowell*, Stokes*, Swain*, Transylvania, Wilkes, Yancey)	W7		S2?	G5
<i>Andreaea rupestris</i> Rock Split Moss MP: rock, typically acidic (Buncombe*, Burke, Jackson, Mitchell*, Rutherford)	W1		S2?	G5
<i>Anomobryum julaceum</i> Common Silver Moss M: high elevations on soil and rocks (Ashe*, Jackson*, Macon*, Rutherford*, Transylvania*)	W7		SH	G5
<i>Archidium ohioense</i> Tokyo Soil Moss CMP: open ground of old fields or meadows (Cumberland*, Durham*, Forsyth*, Transylvania*)	W7		SH	G4G5
<i>Atrichum altecristatum</i> A Catherinea Moss MP: open or semishaded soils, usually low elevations (Buncombe*, Burke, Jackson, Macon, Orange, Transylvania)	W7		S2?	G5
<i>Atrichum cylindricum</i> A Catherinea Moss CP: moist soils of ditches and stream banks in bottomlands and swamp forests (Bertie*, Columbus*, Craven, Currituck, Franklin*, Johnston, Moore*, Orange)	W7		S2?	G5
<i>Atrichum tenellum</i> A Catharinea Moss P: wet depressions and bogs (McDowell, Rutherford)	W7		S1?	G4G5
<i>Barbula indica</i> var. <i>indica</i> Small Twist Teeth Moss CMP: soil, clay, limestone, cement, walls (Beaufort*, Brunswick*, Columbus*, Forsyth*, Macon*, McDowell*, New Hanover*, Pender*)	W7		S2?	G5?T5?

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Blindia acuta</i> Sharp-pointed Weissia M: moist or dripping acidic rock faces (Graham*, Jackson, Transylvania*, Wilkes*)	W7		S2?	G5
<i>Brachelyma subulatum</i> A Moss CP: bases of trees or on hard surfaces in swampy areas (Bladen, Columbus, Greene*, Hertford*, McDowell, Mecklenburg*)	W7		S2?	G4G5
<i>Brachytheciastrum velutinum</i> Velvet Moss M: high elevation forests (Buncombe, Rutherford)	W7		S1?	G5
<i>Brachythecium acuminatum</i> var. <i>cyrtophyllum</i> Acuminate Brachythecium M: tree trunks, hardwood forests (Macon)	W7		S2?	G5TNR
<i>Brachythecium oedipodium</i> Sprawling Grass Moss M: on humus, rocks in moist, shaded areas, spruce-fir forest (Jackson*, Polk*, Swain*)	W7		S2?	G5
<i>Brachythecium reflexum</i> Reflexed Feather Moss M: on trees and boulders (Jackson, Watauga)	W7		S2?	G5
<i>Brachythecium rutabulum</i> Rough-stalked Feather Moss MP: trees, humus, rocks in wet forests (Avery*, Durham*, Jackson, Mecklenburg*, Rowan*, Swain*)	W7		S2?	G5
<i>Brachythecium salebrosum</i> Smooth-stalked Yellow Feather Moss MP: shaded sills, rocks, bases of trees, and logs in disturbed places (Forsyth*, Graham, Macon*, Watauga*, Yancey*)	W7		S2?	G5
<i>Brothera leana</i> Boar Moss MP: on logs in forests; on thin soil around rock outcrops (Ashe, Avery, Burke*, Haywood*, Jackson*, McDowell*, Rutherford*, Stokes, Surry, Watauga*)	W7		S2?	G3G4
<i>Bruchia ravenelii</i> A Pygmy Moss S: sandy soil of old fields and open woods (Cumberland*, Harnett*, Hoke*, Johnston*, Richmond*, Wake*)	W7		SH	G3?

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Bruchia texana</i> Texas Bruchia Moss CPS: moist clay or sandy soil in open areas (Durham*, Harnett*, Mecklenburg*, Pender*, Richmond*)	W7		SH	G3G5
<i>Bryhnia novae-angliae</i> Arrowhead Moss CM: soil, humus, or rotten logs of shady, wet places (Haywood, Macon, Martin*, Transylvania, Tyrrell)	W1		S2?	G5
<i>Bryoerythrophyllum recurvirostrum</i> A Red Foot Moss M: on soil, rock, and bark in forested boggy areas and stream banks (Clay*, Jackson, Macon*, Transylvania*)	W7		S2?	G5
<i>Campylostelium saxicola</i> Sandstone Grimmia M: acidic sandstone boulders and cliffs, and sandstone rock shelters (Macon*, Swain*, Transylvania*, Watauga*)	W7		S2?	G3G5
<i>Cryphaea ravenelii</i> A Thread Cedar Moss PC: on bark of trees (Anson*, Chatham*, Durham*, Halifax*, Harnett*, Hertford*, Person*)	W7		S2?	G3?
<i>Cynodontium schisti</i> Cynodontium Moss PM: rock crevices, thin soil over rock (Burke, McDowell*)	W7		S1	G3G5
<i>Dicranum bonjeanii</i> Thin-rib Curved-tail Moss M: mainly in eutrophic fens, sometimes on calcareous soil or rock (Ashe*, Avery*, Haywood*, Jackson*, Macon*, Mitchell*, Transylvania*, Yancey*)	W7		S2?	G5
<i>Dicranum fuscescens</i> Fuscous Moss MP: on trees, logs, soil, rock, and humus in woodlands, spruce-fir forest, occasionally bogs (Avery*, Buncombe, Burke, Graham*, Haywood*, Jackson*, Mitchell*, Stokes*, Swain*, Transylvania*, Yancey)	W7		S2?	G5
<i>Dicranum spurium</i> Rusty Fork Moss CMP: sandy soil, decayed logs, acidic rock, humus over rock, pine woods, sometimes bogs (Alexander*, Alleghany*, Avery*, Burke*, Carteret*, Franklin*, Jackson*, Macon*, Stokes*, Surry*)	W7		S2?	G5

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Diphyscium mucronifolium</i> Grain o'Wheat Moss MP: wet rocks at spray cliffs and cove forests (Burke, Graham)	W7		S1?	G4
<i>Elodium paludosum</i> Pond Fern Moss CMP: on soil, humus, trees, or logs in swamps, marshes, or meadows (Anson*, Camden, Caswell*, Columbus*, Durham*, Gates*, Granville*, Haywood*, Martin*, McDowell, Mecklenburg*, Orange, Pasquotank*, Stokes*, Watauga*)	W7		S2?	G3G5
<i>Entosthodon drummondii</i> A Cord Moss CPS: primarily sandy soils of disturbed, often wet areas (Durham*, Harnett*, Moore*, Pender*, Randolph*, Tyrrell*)	W7		SH	G4G5
<i>Ephemerum spinulosum</i> Emerald Dewdrops CP: moist or drying soil in disturbed, partly sunny areas, or on rotting wood (Columbus*, Durham, Mecklenburg*, Orange)	W7		S2?	G4G5
<i>Fabronia ciliaris</i> var. <i>polycarpa</i> A False Crushed-rice Moss CMPT: bark of trees, less commonly on rocks (Alexander*, Carteret*, Clay*, Cumberland*, Hyde*, Jackson*, Rowan*, Rutherford, Transylvania*, Washington*)	W7		S2?	G5T4T5
<i>Fissidens adianthoides</i> Maiden Hair Moss MP: wet areas on soil, around bases of trees, on decaying wood or calcareous rocks (Ashe*, Avery*, Brunswick*, Durham*, Forsyth*, Granville*, Jackson, Johnston*, McDowell, Rutherford, Transylvania)	W7		S1	G5
<i>Fissidens appalachensis</i> Appalachian Pocket Moss M: submerged in rapids of moderate to high elevation mountain streams (Buncombe*, Caldwell*, Jackson*, Macon*, McDowell*, Rutherford, Swain*, Watauga*)	W7		S2S3	G2G3
<i>Fissidens elegans</i> A Plume Moss CMP: sandy and clayey soils along roadsides and streams, on trees or stumps (Anson*, Columbus*, Cumberland*, Durham, Harnett, Hyde*, Jackson, Martin*, New Hanover*, Pender*, Rutherford, Sampson*, Stokes*)	W7		S2?	G5
<i>Fissidens exilis</i> Small Pocket Moss P: stream banks (Cleveland, Durham, Gaston*)	W4		SNA	G3G4

Scientific Name

Common Name	Status		Rank			
	Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global
<i>Fissidens fontanus</i>			W7		S2?	G5
Water Pocket Moss						
PC: attached to various substrata in stagnant and flowing water, and in coastal estuaries (Anson*, Craven*, Durham*, Franklin*, Gates*, Jackson, Jones*, Macon*, Mecklenburg*, New Hanover*, Orange, Pitt, Transylvania)						
<i>Fissidens polypodioides</i>			W7		S2?	G4G5
A Moss						
M: calcareous soil, and limestone rocks along streams and in ravines (Transylvania)						
<i>Fontinalis flaccida</i>			W7		S2?	G4G5
A Water Moss						
CMP: bases of trees in brooks or swamps, submerged (Bladen*, Brunswick*, Columbus*, Harnett, Jackson, Macon, Mitchell*, Wake*)						
<i>Fontinalis sullivantii</i>			W7		S2?	G3G5
A Water Moss						
CM: rocks or trees in pools or streams (Brunswick*, Columbus*, Gates*, Macon, Mitchell*, Nash)						
<i>Funaria serrata</i>			W7		SH	G4
A Cord Moss						
CP: on soil of disturbed places, near streams or ditches (Chatham*, Durham*, Forsyth*, Gaston*, Hertford*, Johnston*, Nash*, Randolph*)						
<i>Grimmia olneyi</i>			W7		S2?	G3G5
A Beard Moss						
MP: faces of dry to periodically wet rocks, along streams or splash zones of lakes (Alexander*, Alleghany*, Burke*, Forsyth*, Jackson*, Macon*, Montgomery*, Polk*)						
<i>Herpetineuron toccoae</i>			W7		S2?	G4G5
Coiled Moss						
M: bark of trees or calcareous to noncalcareous rocks (Graham*, Jackson*, McDowell*, Transylvania)						
<i>Hygroamblystegium fluviatile</i>			W7		S2?	G5
Brookside Feather Moss						
CMP: wet, calcareous rocks (Avery*, Burke*, Harnett, McDowell*, Wake)						
<i>Hypnum fauriei</i>			W7		S2?	G5
A Cedar Moss						
MP: logs and tree bases in deciduous forest (Haywood, Jackson, Johnston*, Macon, Moore*, Orange, Swain*, Transylvania, Watauga, Yancey)						

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Hypnum plicatum</i> A Cedar Moss M: epiphytic, terrestrial, and on humus over rock (Haywood*, Jackson, Swain*, Transylvania*, Yancey*)	W7		S2?	G5
<i>Leskea australis</i> A Dusky Moss P: lower parts of hardwood trees and bald cypress and logs in woods along rivers, swamps (Orange)	W7		S2?	G4
<i>Leucodon andrewsianus</i> Squirrel Tail Moss M: trunks of trees, occasionally on rocks (Ashe*, Haywood*, Jackson, Macon*, Rutherford*, Watauga)	W7		S2?	G5
<i>Micromitrium megalosporum</i> A Moss CMP: unfertilized bare soil, in sun or partial shade (Bladen*, Columbus*, Durham*, Mecklenburg*, Transylvania*, Wilson*)	W7		S2?	G4
<i>Philonotis longiseta</i> An Apple Moss CMP: soil or rock, often on wet embankments (Alleghany*, Forsyth*, Haywood*, Jackson*, Jones*, Lee*, McDowell*, Stokes*, Swain*, Transylvania)	W7		S2?	G3G4
<i>Philonotis marchica</i> An Apple Moss CMP: rocks and soil in wet places, roadsides, springs (Forsyth*, Franklin*, Harnett*, Haywood*, Jackson, Macon, McDowell*, Rutherford, Swain*, Tyrrell, Watauga)	W7		S2?	G5
<i>Platydictya subtilis</i> A Moss CMP: bark at base of hardwoods, rarely on logs (Brunswick*, Clay*, Currituck, Durham*, Haywood, Jackson, McDowell, Surry, Transylvania, Watauga)	W7		S2?	G5
<i>Pohlia longicolla</i> Long Neck Nodding Moss M: rocks on cliffs, in crevices, on humus or soil (Jackson, Swain*, Yancey*)	W1		S2?	G4G5
<i>Pohlia rabunbaldensis</i> A Moss M: high elevation hardwood forest (Buncombe)	W7		S1	G1
<i>Polytrichastrum appalachianum</i> Appalachian Haircap Moss MP: rocky summits, mostly in high elevations (Ashe, Avery, Buncombe*, Burke*, Haywood*, Jackson, Macon*, Mitchell, Stokes, Transylvania*, Watauga, Yancey*)	W1		S3	G3

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Pterigynandrum filiforme</i> Twisted Thread Moss M: mesic, acidic boulders and rock shelves (Buncombe*, Jackson, McDowell*, Mitchell*, Swain*)	W7		S1	G5
<i>Pylaisia polyantha</i> Many-fruited Feather Moss MP: on tree trunks and bases or logs (Forsyth*, Haywood, Mitchell*, Rutherford, Transylvania*)	W1		S2?	G5
<i>Rauiella scita</i> Smaller Fern Moss M: on rocks, trees, logs (Alexander*, Alleghany*, Ashe*, Avery*, Haywood*, Jackson*, Macon*, McDowell*, Transylvania*, Watauga*, Wilkes*, Yancey*)	W7		S2?	G3G5
<i>Sciuro-hypnum plumosum</i> Rusty Feather Moss CM: moist, acid rocks in or near streams (Columbus*, Harnett*, Haywood, Jackson, McDowell, Rutherford, Transylvania, Watauga, Yancey*)	W7		S2?	G5
<i>Sphagnum cribrosum</i> Florida Peatmoss CS: in blackwater streams; ditches (Beaufort*, Bladen, Brunswick*, Carteret*, Craven, Duplin*, Sampson*)	W7		S2?	G3
<i>Sphagnum fitzgeraldii</i> Fitzgerald's Peatmoss C: pocosins and savannas (Bladen, Brunswick, Carteret, Craven, Duplin*, Onslow, Pamlico, Pender)	W1		S2S3	G3
<i>Sphagnum henryense</i> Peatmoss CMP: bogs (Alleghany, Anson, Beaufort, Bladen, Brunswick*, Carteret*, Craven, Cumberland, Gates*, Hyde, Iredell*, Jackson, Johnston*, Moore*, Onslow, Pender*, Richmond*, Robeson*, Sampson*, Scotland, Tyrrell)	W1		S2S3	G4?
<i>Sphagnum subtile</i> Peatmoss M: bogs and near wet rock outcrops (Ashe, Avery*, Haywood, Jackson, Macon, Swain, Transylvania*, Watauga)	W1		S3	G5
<i>Thuidium alleniorum</i> Fernmoss CP: on soil, logs, exposed roots, and tree bases in swamps, often just above water line (Bertie*, Bladen*, Brunswick*, Carteret*, Chatham*, Columbus, Craven*, Davie*, Durham*, Gates*, Granville*, Lenoir*, McDowell, Pasquotank, Pender*, Tyrrell*, Wilkes)	W7		S2?	G3G5

Scientific Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Thuidium recognitum</i>	W7		S2?	G5
Hokkaido Fern Moss				
MP: on moist soil, humus, or rocks, in calcareous habitats, in woodlands, in clearings (Ashe*, Madison*, McDowell, Orange*, Randolph*, Watauga*, Yadkin*)				
<i>Tortella flavovirens</i>	W7		S3	G4G5
Beach Moss				
T: dune swales (Brunswick, Carteret*, Dare, Hyde)				
<i>Tuerckheimia svihlae</i>	W7		S2?	GNR
A Moss				
M: limestone cliffs, shaded marle outcrops (Jones*, McDowell*)				
<i>Weissia brachycarpa</i>	W3		SNA	GNR
A Moss				
Habitat and locations in NC have not been confirmed.				
<i>Weissia muhlenbergiana</i>	W7		S2?	G5
A Moss				
CP: soil among grasses, roadsides (Brunswick*, Davidson*, Durham*, Madison*, Mecklenburg*, New Hanover*, Orange*, Pender*, Wake)				
<i>Zygodon viridissimus</i> var. <i>rupestris</i>	W7		S2?	G5TNR
A Moss				
M: trunks of trees and on rocks (Avery*, Burke*, Caldwell*, Haywood, Jackson, Macon*, Mitchell, Swain*, Watauga*, Yancey*)				
<u>Liverworts</u>				
<i>Cephaloziella massalongoi</i>	W7		S1	G3G5
A Liverwort				
M: high elevation rocky summits (Rutherford, Swain*)				
<i>Cephaloziella obtusilobula</i>	W2		S1?	G1?Q
Roundleaf Liverwort				
M: high elevation cliffs or other moist rocks (Burke*, Macon*, Rutherford)				
<i>Diplophyllum andrewsii</i>	W7		S2	G3
A Liverwort				
M: on soil or rocks on banks (Avery*, Buncombe*, Burke*, Graham*, Jackson, Macon*, McDowell*, Swain*, Yancey*)				
<i>Diplophyllum apiculatum</i> var. <i>taxifolioides</i>	W2		S1?	G5T2Q
A Liverwort				
M: moist soil or rocks (Ashe*, Burke*, Haywood*, McDowell, Mitchell*)				

Scientific Name

Common Name	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Diplophyllum taxifolium</i> var. <i>taxifolium</i>	W7		S2?	G5T5
A Liverwort				
M: crevices and underledges of rock outcrops, mostly in spruce-fir forests at high elevations (Ashe*, Buncombe*, Burke*, Caldwell*, Clay*, Haywood*, Jackson*, Macon*, Mitchell*, Swain*, Transylvania*, Yancey*)				
<i>Dumortiera hirsuta</i> ssp. <i>nepalensis</i>	W1		S1	G5T5
A Liverwort				
M: in grottoes behind waterfalls in humid gorges (Graham*, Jackson*, Macon*, Rutherford)				
<i>Frullania oakesiana</i>	W7		SH	G5
A Liverwort				
M: on bark of conifers or deciduous trees at high elevations (Avery*, Buncombe*, Haywood*, Jackson*, Macon*, McDowell*, Mitchell*, Swain*, Watauga*, Yancey*)				
<i>Frullania plana</i>	W7		S1	G4
A Liverwort				
MP: on rock outcrops in gorges or near rivers (Burke*, Durham*, Graham*, Haywood*, Jackson, Macon*, McDowell, Polk*, Stokes*)				
<i>Fuscocephaloziopsis macrostachya</i> ssp. <i>australis</i>	W2		S1?	G4T1
A Liverwort				
M: on moist rocks in humid gorges (Burke*, Jackson*, Macon*)				
<i>Mannia triandra</i>	W7		S1	G3G4
A Liverwort				
M: on limestone (McDowell*)				
<i>Marsupella emarginata</i> ssp. <i>emarginata</i>	W2		S1?	G5T5
A Liverwort				
M: on moist rocks in humid gorges, spray zones of waterfalls, or high elevations (Burke, Haywood*, Jackson*, Macon*, McDowell*, Mitchell*, Transylvania*)				
<i>Metzgeria pubescens</i>	W7		SH	G5
A Liverwort				
M: on bark of trees (Buncombe*, Swain*)				
<i>Metzgeria setigera</i>	W7		SH	G1
A Liverwort				
M: damp shaded rocks at high elevations in spruce-fir forests or in humid gorges (Caldwell*, McDowell, Swain*)				
<i>Metzgeria uncigera</i>	W7		S1	G3
A Liverwort				
CTM: on bark in maritime forests or on rhododendron in mountain forests (Brunswick, Carteret*, Gates*, Graham*, Hyde*, New Hanover*, Pamlico*)				

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Neorthocaulis attenuatus</i> A Liverwort M: on rocks in spruce-fir forests (Avery*, Buncombe*, Haywood*, Transylvania*, Yancey*)	W7		S2	G5
<i>Pellia appalachiana</i> A Liverwort MPC: on moist rock outcrops, usually near waterfalls, streams, or pools (Gaston, Graham, Macon*, Pender*, Transylvania, Wake*)	W7		S1	G4
<i>Plagiochila caduciloba</i> A Liverwort M: rocks and streambanks in humid gorges, spray zone of waterfalls (Burke, Clay, Graham, Haywood*, Jackson, Macon, McDowell*, Transylvania, Yancey*)	W1		S3	G3
<i>Plagiochila columbiana</i> A Liverwort P: on thin soil over boulders on floodplains (Durham*, Orange*)	W2		SH	GHQ
<i>Plagiochila retrorsa</i> A Liverwort (syn. <i>Plagiochila sharpii</i>) M: damp rock faces in humid gorges, high elevation rocky summits (Buncombe, Caldwell, Graham, Haywood*, Jackson, Macon, Transylvania, Yancey*)	W1		S3	G2G4
<i>Plagiochila undata</i> A Liverwort CMP: on rocks or bark (Anson*, Chatham*, Columbus*, Durham*, Madison*, McDowell*, Orange*, Polk*, Rutherford, Stanly*)	W7		S2	G4G5
<i>Plagiochila virginica</i> var. <i>euryphylla</i> A Liverwort M: rockfaces in the spray zone of waterfalls (Transylvania*)	W2		SH	G3THQ
<i>Ptilidium pulcherrimum</i> A Liverwort MP: on bark of trees in moist forests (Ashe, Avery*, Gaston, Haywood*, Mitchell*, Watauga*)	W7		S1	G5
<i>Radula sullivantii</i> A Liverwort M: on moist rocks, mostly in spray zones of waterfalls (Avery, Cherokee, Graham, Henderson, Macon, Transylvania)	W1		S3	G3
<i>Radula tenax</i> A Liverwort M: on moist rocks or bark in humid gorges and cove forests (Ashe*, Buncombe*, Burke*, Caldwell*, Jackson, Macon*, Mitchell*, Swain*, Transylvania*, Watauga*, Yancey*)	W7		S2	G3G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Reboulia hemisphaerica</i> ssp. <i>dioica</i> A Liverwort M: in spray zone of waterfalls in humid gorges (Macon*, McDowell, Rutherford)	W7		S1	G5T2?Q
<i>Riccia beyrichiana</i> A Liverwort CP: moist soil and gravel (Bladen, Durham*, Orange*, Robeson*, Rutherford)	W7		S1S2	G5
<i>Ricciocarpos natans</i> A Liverwort C: floating in shaded ponds or pools (Dare*)	W1		S1	G5
<i>Tritomaria capitata</i> A Liverwort CPM: in moist depressions in savannas or on clay-pans in the piedmont, rock outcrops (Durham*, Jones*, Onslow*, Orange*, Watauga)	W7		S1	G4
<u>Hornworts</u>				
<i>Aspiromitus adscendens</i> A Hornwort CP: old fields (Bladen*, Columbus*, Durham*, Jones*, Wilson*)	W7		S2?	G3?
<i>Nothoceros aenigmaticus</i> A Hornwort M: on rocks in streams (Cherokee, Clay, Graham, Haywood, Macon, Swain)	W1		S3	G3
<i>Notothydas orbicularis</i> var. <i>pseudotemperata</i> A Hornwort C: damp mineral soil (Columbus*)	W2		SH	G5T1Q
<u>Lichens</u>				
<i>Acanthothecis fontana</i> Fontana Lichen M: on trees of low elevation mixed hardwood forests (Graham)	W7		S1	G1
<i>Acanthothecis leucoxanthoides</i> A Script Lichen C: bark of hardwood trees in swamps (Camden)	W7		S1	GNR
<i>Arthonia kermesina</i> Mountain Red Dot Lichen M: high elevation Spruce-Fir forests (Swain)	W7		S1	GNR

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Arthopyrenia betulicola</i> Old Birch Spots M: mature northern hardwood-spruce forests (Haywood, Swain, Yancey)	W7		S2	GNR
<i>Arthotheliopsis floridensis</i> A Leaf Lichen C: pocosins (Jones)	W7		S1	GNR
<i>Cladina evansii</i> Powder-puff Lichen C: sandhills (primarily near the coast) usually associated with <i>Quercus geminata</i> (Bladen, Brunswick, Carteret, Columbus, Craven*, Dare, Jones, New Hanover, Onslow, Pender)	W7		S2	G3G5
<i>Dermiscellum oulocheila</i> Catawba Dermiscellum P: rocks along the banks of the Catawba River (Burke)	W7		S1	GNR
<i>Ephebe solida</i> A Rockshag Lichen M: on rocks in rapidly flowing water and possibly moist grottoes around mountain spray cliffs (Burke, Cherokee, Graham, Jackson, Macon, Transylvania)	W1		S3	G3G4
<i>Fellhanera erinia</i> Erin's Fellhanera M: rotting wood in rich cove forests (Haywood)	W7		S1	G1
<i>Fellhanera hybrida</i> Piedmont Crustose Lichen MP: shaded siliceous rock and bases of trees (Henderson, Wake)	W7		S2?	G2?
<i>Fellhanera montesfumosi</i> Smoky Mountain Crustose Lichen M: on acidic rock (Haywood)	W7		S1	G1
<i>Graphis sterlingiana</i> Mount Sterling Script Lichen M: high elevation Spruce-Fir forests (Haywood)	W7		S1	GNR
<i>Gyalectidium appendiculatum</i> A Leaf Lichen M: hemlock needles in humid forests (Transylvania)	W7		S1?	GNR
<i>Heterodermia erecta</i> A Centipede Lichen M: on hardwood trees in high elevation forests (Graham, Macon)	W7		S1?	G1?

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Heterodermia pseudospeciosa</i> A Centipede Lichen M: growing mainly on rocks (Jackson, Macon, McDowell)	W7		S1S2	G5
<i>Lecanora masana</i> Masa's Dots M: bark and fallen branches in mixed hardwood and rich cove forests (Transylvania, Haywood)	W1		S3	GNR
<i>Micareopsis irriguata</i> Irrigated Rock Lichen M: wet sheltered rock faces in humid habitats (Jackson, Swain)	W7		S1?	GNR
<i>Ochrolechia yasudae</i> Coral Saucer Lichen M: on bark or rock (Ashe*, Buncombe*, Haywood*, Jackson*, Macon*, Swain, Transylvania*)	W7		S1?	G3G4
<i>Opegrapha moroziana</i> A Scribble Lichen M: fine grained sandstones (Avery*)	W7		SH	G1?
<i>Peltigera hydrothyria</i> Waterfan Lichen MP: rocks and boulders in small streams (Avery, Buncombe, Cherokee, Clay, Graham, Haywood, Jackson, Macon, Stokes, Swain, Transylvania)	W1		S3	G4
<i>Pertusaria andersonii</i> A Wart Lichen M: high elevation granitic rock (Avery)	W7		S1	GNR
<i>Pertusaria appalachensis</i> Appalachian Wart Lichen M: bark of hardwoods at middle to high elevations (Graham, Macon, Swain)	W7		S1?	G2?
<i>Platismatia glauca</i> Varied Rag Lichen M: on bark of spruce, fir, or hardwoods in the spruce-fir zone (Avery*, Buncombe, Haywood*, Jackson*, Swain, Yancey*)	W7		SH	G5
<i>Porpidia cinereoatra</i> Boulder Lichen M: high elevation rocky summits (Mitchell*, Yancey)	W7		S1	GNR
<i>Porpidia macrocarpa</i> Boulder Lichen MP: high elevation rocky summits, granitic flatrocks (Mitchell*, Wake)	W7		S1?	G4

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				
<i>Porpidia tuberculosa</i> Boulder Lichen M: high elevation rocky summits (Mitchell*)	W7		SH	G2G4
<i>Punctelia reddenda</i> Speckled Shield Lichen MPC: on bark of hardwoods at high elevations, granitic or mafic rocks (Buncombe*, Haywood*, Jackson*, Macon, Swain*, Yancey*)	W7		S2	G5
<i>Xyleborus nigricans</i> A Crustose Lichen CT: on gymnosperm logs in swamp forests (Carteret, Dare, Tyrrell)	W7		S2	GNR

Watch Category 6 (regionally rare) includes species which are rare in one region of North Carolina, while being uncommon to abundant within another region. These regional rarities, generally within-state disjuncts, are significant for protection of genetic variation and long-term viability of species.

A list of North Carolina's rare plants is determined by the political boundaries of the state. Biological rarity, however, is determined by the natural boundaries of physiography, geology, soils, and climate. These and other physical, biological, and historical factors have determined the evolutionary history and phytogeography of plants currently occupying what is now called "North Carolina." Rarity in one part of the state can have as much biological significance as disjunctions from another state. Disjunct populations nearly always have some level of genetic differentiation from populations in the main part of a species' range. If this genetic differentiation is great enough the disjunct population may be recognized as a separate species, subspecies, or variety. In many cases, however, the genetic differentiation is not great enough (or is not obvious enough with the relatively crude taxonomic tools which have been applied to most taxa) to have warranted the naming of a distinct taxon. Further study will likely show that many disjunct populations do warrant taxonomic status. Preservation of biodiversity requires not only preventing the extinction of species, but also maintaining genetic diversity within the species. The long-term viability of a species is dependent on the genetic diversity represented within and between different populations of the species. Disjunct and peripheral populations are especially likely to contain genetic material rare or absent in the bulk of the species' populations. Moreover, within-state disjunctions are likely to serve as indicators of regionally unique or unusual habitats. Attention to such species is especially important in county natural area inventories and regional planning.

The following list of Watch Category 6 plants is not exhaustive but represents some of the most important and significant within-state disjunctions. Emphasis is placed on species which are disjunct rather than peripheral — that is, which have a demonstrable gap in their North Carolina ranges. Examples are *Rhododendron catawbiense*, which is rather common at high to medium elevations in the mountains, but occurs in small, disjunct populations in the lower Piedmont and upper Coastal Plain, and *Pogonia ophioglossoides*, a primarily Coastal Plain species, occurring in rare bogs in the mountains.

SANDHILLS

Comptonia peregrina
Drosera rotundifolia
Kalmia buxifolia
Pinguicula caerulea
Pleea tenuifolia
Rhododendron catawbiense
Rhododendron minus
Magnolia tripetala
Pellaea atropurpurea
Platanthera lacera
Viola blanda

COASTAL PLAIN

Castilleja coccinea
Clematis ochroleuca
Clematis virginiana
Delphinium tricorne
Kalmia buxifolia
Ranunculus hispidus
Symphyotrichum cordifolium

MOUNTAINS

Aristida virgata
Bartonia virginica
Brasenia schreberi
Calopogon tuberosus var. *tuberosus*
Cardamine bulbosa
Chamaedaphne calyculata
Clematis crispa
Coreopsis gladiata
Cuscuta corylii
Eriocaulon compressum
Eriocaulon decangulare var. *decangulare*
Eryngium integrifolium
Gaylussacia dumosa
Kalmia carolina
Lespedeza angustifolia

Orontium aquaticum
Platanthera cristata
Pogonia ophioglossoides
Pycnanthemum flexuosum
Rhynchospora gracilentata
Sabatia brachiata
Sium suave
Smilax laurifolia
Sphagnum cuspidatum
Sphagnum strictum
Sphagnum tenerum
Toxicodendron vernix
Triadenum virginicum
Utricularia biflora
Utricularia subulata

PIEDMONT

Aconitum uncinatum (lower Piedmont only)
Actaea pachypoda
Aralia nudicaulis
Asplenium montanum (lower Piedmont only)
Berchemia scandens
Campanulatum americanum
Carex torta
Dicentra cucullaria
Dryopteris intermedia
Eleocharis microcarpa var. *filiculmis*
Eriocaulon compressum
Eryngium integrifolium
Hydrophyllum canadense
Hydrophyllum virginianum
Lachnocaulon anceps
Diphasiastrum tristachyum
Magnolia virginiana var. *virginiana*
Micranthes micranthidifolia
Morella caroliniensis

Paronychia argyrocoma
Phalaris arundinacea
Pieris floribunda
Pinus strobus (lower Piedmont only)
Platanthera flava
Pogonia ophioglossoides
Rhododendron catawbiense
Rhynchospora chalarocephala
Salix humilis
Sarracenia flava
Sarracenia purpurea var. *venosa*
Schoenoplectus pungens var. *pungens*
Sium suave
Smilax laurifolia
Swida alternifolia
Symplocarpus foetidus
Tsuga canadensis (lower Piedmont only)
Xyris baldwiniana
Xyris curtissii
Xyris jupicai

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. STATUS	U.S STATUS	N.C. RANK	GLOBAL RANK
<i>Acanthothesia fontana</i>	Fontana Lichen	W7	N/A	S1	G1
<i>Allium keeverae</i>	Keever's Onion	T	N/A	S2	G2
<i>Allium sp. 1</i>	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 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 Crustose Lichen	W7	N/A	S1	G1
<i>Gaylussacia orocola</i>	Appalachian Dwarf 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 Lichen	W7	N/A	S1	GNR
<i>Heuchera parviflora</i> 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 sp. 1</i>	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> 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>Nartheicum montanum</i>	Appalachian 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 sp. 2</i>	Croatan Beaksedge	W7	N/A	S1?	G1?
<i>Scleria bellii</i>	Smooth-seeded 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>Symphotrichum rhiannon</i>	Buck Creek Aster	T	N/A	S1	G1

EXPLOITED PLANT TAXA IN NORTH CAROLINA

Plant species listed as Exploited in N.C. were previously tracked on the Watch List (Category W5a). This includes taxa that are either rare or generally widespread that are in commercial demand and often collected from wild populations. Such collection can cause local extirpation and is not sustainable over time. The NCNHP requests information on illegal collection incidents but does not otherwise maintain occurrence records for Exploited taxa that are not Significantly Rare or on the Watch List.

SCIENTIFIC NAME	COMMON NAME	N.C. STATUS	U.S STATUS	N.C. RANK	GLOBAL RANK
<i>Actaea podocarpa</i>	Mountain Black-cohosh	Exploited	N/A	S4	G4
<i>Actaea racemosa</i>	Common Black-cohosh	Exploited	N/A	S4	G4
<i>Aletris farinosa</i>	White-tubed Colicroot	Exploited	N/A	S5	G5
<i>Allium tricoccum</i>	Red Ramps	Exploited	N/A	S4	G5
<i>Chamaelirium luteum</i>	Devil's-bit	Exploited	N/A	S5	G5
<i>Cypripedium parviflorum</i>	Large Yellow Lady's-slipper	Exploited	N/A	S3	G5T5
<i>Dionaea muscipula</i>	Venus Flytrap	SC-V, Exploited	N/A	S2	G3
<i>Endodeca serpentaria</i>	Virginia Snakeroot	Exploited	N/A	S4	G4
<i>Galax urceolata</i>	Galax	Exploited	N/A	S5	G5
<i>Hydrastis canadensis</i>	Goldenseal	SR-O, Exploited	N/A	S3	G3G4
<i>Liatris helleri</i>	Heller's Blazing Star	T, Exploited	T	S2	G2Q
<i>Lilium pyrophilum</i>	Sandhills Lily	E, Exploited	N/A	S2	G2
<i>Panax quinquefolius</i>	Ginseng	W1, Exploited	N/A	S3S4	G3G4
<i>Sanguinaria canadensis</i>	Bloodroot	Exploited	N/A	S5	G5
<i>Sarracenia flava</i>	Yellow Pitcherplant	Exploited	N/A	S3S4	G5?
<i>Sarracenia jonesii</i>	Mountain Sweet Pitcherplant	E, Exploited	E	S1	G2Q
<i>Sarracenia minor</i> var. <i>minor</i>	Hooded Pitcherplant	E, Exploited	N/A	S2	G4T4
<i>Sarracenia oreophila</i>	Green Pitcherplant	E, Exploited	E	S1	G2
<i>Sarracenia purpurea</i> var. <i>montana</i>	Southern Appalachian Purple Pitcherplant	Exploited	N/A	S1S2	G5T2T3
<i>Sarracenia purpurea</i> var. <i>venosa</i>	Southern Purple Pitcherplant	Exploited	N/A	S3	G5T3T5
<i>Sarracenia rubra</i> ssp. <i>rubra</i>	Sweet Pitcherplant	Exploited	N/A	S3	G4T3T4
<i>Shortia brevistyla</i>	Northern Oconee Bells	E, Exploited	N/A	S2	G2G3T2
<i>Shortia galacifolia</i>	Southern Oconee Bells	SC-V, Exploited	N/A	S2	G2G3T2T3
<i>Trillium catesbaei</i>	Catesby's Trillium	Exploited	N/A	S4	G4
<i>Trillium cuneatum</i>	Little Sweet Trillium	Exploited	N/A	S3	G4G5
<i>Trillium erectum</i>	Stinking Benjamin	Exploited	N/A	S5	G5
<i>Trillium grandiflorum</i>	Large-flower Trillium	Exploited	N/A	S5	G5

POTENTIAL NEW TO NORTH CAROLINA PLANTS

The following list contains species of well-known plant groups that are not currently thought to occur in North Carolina, but which are considered to have some possibility of being found here based on their established range and habitat preferences. Most are species that occur in the adjacent states of South Carolina, Georgia, Tennessee, or Virginia in habitats at least relatively like habitats known to exist in North Carolina. The purpose of this list is to encourage and challenge field workers to find new state occurrences. This list should give field investigators an idea of some of the species that may be regular components of North Carolina's flora. While some of these species may have relatively remote chances of being found in North Carolina, the likelihood of finding new state records is greatly increased by awareness of the possibilities and by species-directed searching. New state records of native vascular plants are being found at a rate of about five per year. Our knowledge of North Carolina's flora is still quite imperfect. Many natural areas are being destroyed before they can be investigated, and it can be assumed that a number of native species have been extirpated from North Carolina before they were ever documented as occurring in the state.

Following each species is the North Carolina province in which the species is considered most likely to be found. Where possible, a description of the typical habitat of the species in the vicinity of North Carolina is also given. Sometimes, the nearest occurrence(s) to North Carolina is also listed.

SCIENTIFIC NAME	PROVINCE	STATE: Adjacent County of Occurrence	HABITAT
<i>Abdra aprica</i>	P	SC: Lancaster	granite outcrops
<i>Actaea rubifolia</i>	M	VA: Scott	cove forests
<i>Agalinis auriculata</i>	P	SC: York	mafic glades
<i>Agalinis plukenetii</i>	S	TN: Polk	Sandhills, dry forests
<i>Aletris obovata</i>	C	SC: Beaufort	savannas
<i>Alnus incana</i> ssp. <i>rugosa</i>	M	VA: Nelson	braided streamhead seepage swamps
<i>Anemone canadensis</i>	M	VA: Rockingham	moist forests
<i>Antennaria virginica</i>	MP	VA: Carroll, Patrick	rock outcrops
<i>Aralia hispida</i>	M	VA: Augusta	dry rocky woods
<i>Asclepias michauxii</i>	C	SC: Williamsburg, Florence	savannas and pinelands
<i>Asclepias obovata</i>	C	SC: Charleston	sandy pinelands
<i>Asclepias perennis</i>	C	SC: Marion	swamp forests
<i>Asplenium septentrionale</i>	M	WV: Monroe	rock outcrops
<i>Asplenium trichomanes</i> ssp. <i>quadrivalens</i>	MP	VA: Giles	calcareous outcrops
<i>Asplenium x trudellii</i>	MP	VA: Lee, Pittsylvania	moist cliffs, acidic outcrops and bluffs
<i>Astragalus distortus</i> var. <i>distortus</i>	P	VA: Pittsylvania	glades, dry shaly places
<i>Baptisia perfoliata</i>	SC	SC: Lexington	sandhills
<i>Batis maritima</i>	C	SC: Charleston	salt and brackish marshes
<i>Berlandiera pumila</i> var. <i>pumila</i>	S	SC: Chesterfield, Darlington	sandy woods and fields
<i>Bothriochloa saccharoides</i>	M	TN	dry openings
<i>Bromus kalmii</i>	M	VA: Augusta, Bath	shale barrens, grassy ridges

SCIENTIFIC NAME	PROVINCE	STATE: Adjacent County of Occurrence	HABITAT
<i>Chamaepericlymenum canadense</i>	M	VA: Albemarle, Bath	montane forests
<i>Carex brevior</i>	M	VA: Wythe	dry woods
<i>Carex conjuncta</i>	MC	VA: Russell, Southampton	mesic woods
<i>Carex pallescens</i>	M	TN: Unicoi	grassy balds
<i>Carex polymorpha</i>	M	VA: Augusta	dry upland woods or wetland margins
<i>Carex</i> sp. 3	M	SC: Oconee, Pickens	rich cove forests
<i>Ceratiola ericoides</i>	SC	SC: Horry	sandhills
<i>Chamaecrista nictitans</i> var. <i>aspera</i>	C	SC: Charleston	savannas
<i>Cheilanthes feei</i>	M	VA: Pulaski	calcareous outcrops
<i>Clematis reticulata</i>	C	VA: Darlington	dry sandy woods
<i>Clematis vinacea</i>	M	TN: Polk	dry shale slopes
<i>Collinsia verna</i>	M	VA: Smyth	rich moist woods
<i>Coreopsis integrifolia</i>	C	SC: Berkeley	creekbanks and floodplains
<i>Coreopsis rosea</i>	C	SC: Horry	blackwater rivers, limesink ponds, Carolina bays
<i>Cypripedium kentuckiense</i>	M	TN, KY, VA	forests
<i>Dasistoma macrophylla</i>	P	SC: York	glades
<i>Delphinium carolinianum</i> ssp. <i>calciphilum</i>	P	GA	glades
<i>Desmodium floridanum</i>	P	SC: Beaufort, Jasper	dry sandy areas
<i>Dioscorea floridana</i>	C	SC: Williamsburg	moist woods
<i>Dyschoriste humistrata</i>	C	SC: Charleston	moist forests
<i>Dyschoriste oblongifolia</i>	C	SC: Orangeburg	savannas
<i>Elephantopus elatus</i>	C	SC: Charleston	dry pinelands
<i>Ellisia nyctelea</i>	P	VA: Pittsylvania	bottomlands, forest
<i>Elytraria caroliniensis</i> var. <i>caroliniensis</i>	C	SC: Berkeley	low marl forests
<i>Equisetum fluviatile</i>	M	VA: Augusta	wet places, shallow water
<i>Equisetum sylvaticum</i>	M	VA: Shenandoah	moist forests
<i>Eriocaulon ravenelii</i>	C	SC: Berkeley	savannas
<i>Erythronium americanum</i> ssp. <i>harperi</i>	M	TN: Polk	moist forests
<i>Eupatorium scabridum</i>	C	SC	savannas
<i>Floerkea proserpinacoides</i>	P	VA: Fauquier	rich moist woods
<i>Galactia elliottii</i>	C	SC: Beaufort, Jasper	low moist areas
<i>Galium boreale</i>	M	VA: Scott, Wythe	moist forests
<i>Galium concinnum</i>	M	VA: Giles, Smyth	dry forests
<i>Gaylussacia mosieri</i>	CS	SC: Lexington	seepages, savannas
<i>Gleditsia aquatica</i>	C	SC: Williamsburg	swamp forests
<i>Glyceria acutiflora</i>	M	VA: Wythe	wet openings

SCIENTIFIC NAME	PROVINCE	STATE: Adjacent County of Occurrence	HABITAT
<i>Glyceria grandis</i>	MC	VA: Floyd, James City	Bogs, seepages, wet meadows
<i>Gratiola amphiantha</i>	P	SC: Lancaster	pools on granitic flatrocks
<i>Habenaria quinqueseta</i>	C	SC: Berkeley, Charleston	wet pinelands and forests
<i>Hemianthus micranthemoides</i>	C	VA: Charles City	tidal marshes
<i>Honckenya peploides</i> ssp <i>robusta</i>	C	VA: Accomack	beaches and dunes
<i>Houstonia canadensis</i>	M	VA: Pulaski, Washington, Wythe	rocky woods and outcrops
<i>Hudsonia ericoides</i>	S	SC: Chesterfield	sandhills
<i>Hydrolea corymbosa</i>	C	SC	pond cypress savannas, depression
<i>Hypericum harperi</i>	C	SC: Barnwell	clay-based Carolina bays
<i>Isoetes lacustris</i>	M	VA	shoals in cold streams
<i>Juncus brachycephalus</i>	M	GA; VA: Giles	wet meadows
<i>Juncus gerardii</i>	C	VA: Chesapeake City	margins of brackish
<i>Kalmia hirsuta</i>	C	SC: Beaufort, Colleton	savannas, pocosin edges
<i>Liatris gracilis</i>	CSP	SC: Colleton, Laurens	pinelands, dry woodlands
<i>Liatris tenuifolia</i>	S	SC: Chesterfield, Lancaster, Marlboro	sandhills
<i>Linnaea borealis</i> var. <i>americana</i>	M	TN	high elevation forests
<i>Lithospermum caroliniense</i>	C	VA: Isle of Wight; SC: Calhoun	sandhills
<i>Ludwigia spathulata</i>	C	SC: Aiken, Lexington	clay-based Carolina bays
<i>Magnolia pyramidata</i>	P	SC: Richland	rich woods
<i>Maianthemum stellatum</i>	M	VA: Bedford; TN	alluvial forests
<i>Mononeuria cumberlandensis</i>	MP	TN	rock outcrops
<i>Mononeuria patula</i>	MP	VA: Rockbridge	calcareous glades and
<i>Myriopteris rufa</i>	MP	VA: Carroll, Pittsylvania, Pulaski, Montgomery	dry, shaly outcrops
<i>Nolina georgiana</i>	S	SC: Kershaw	sandhills
<i>Oenothera filipes</i>	CS	SC: Kershaw, Williamsburg	sandy areas
<i>Ophioglossum engelmannii</i>	MP	VA: Montgomery	calcareous or mafic
<i>Ophioglossum pusillum</i>	M	VA	moist areas
<i>Opuntia stricta</i> var. <i>dillenii</i>	C	SC: Charleston	dunes
<i>Opuntia stricta</i> var. <i>stricta</i>	C	SC: Charleston	dunes
<i>Paronychia virginica</i> var. <i>virginica</i>	M	VA: Wythe	calcareous rock outcrops
<i>Paspalum plicatulum</i>	C	SC	pine savannas, fields

SCIENTIFIC NAME	PROVINCE	STATE: Adjacent County of Occurrence	HABITAT
<i>Patis racemosa</i>	MP	VA: Patrick	dry woods
<i>Pellaea glabella</i> ssp. <i>glabella</i>	M	VA: Wythe	limestone outcrops
<i>Pieris phillyreifolia</i>	C	SC: Charleston	blackwater swamps, pocosins
<i>Pilularia americana</i>	PM	TN, GA	muddy wet places, granite outcrops, pond margins
<i>Pinus glabra</i>	C	SC: Georgetown	bottomland forests
<i>Pityopsis ruthii</i>	M	TN: Polk	riverside outcrops
<i>Plantago maritima</i>	C	VA: Accomack	salt marshes
<i>Platanthera leucophaea</i>	C	VA: Augusta	damp calcareous meadows
<i>Potamogeton tennesseensis</i>	M	TN: Polk, Monroe, Blount	quiet or flowing water
<i>Pseudotaenidia montana</i>	MP	VA: Bedford, Roanoke	dry shaly woods
<i>Pyrola chlorantha</i>	M	VA: Page	dry forests
<i>Pyrola secunda</i>	MP	VA: New Kent	moist forests
<i>Quercus oglethorpensis</i>	CP	SC: Greenwood, Saluda	low woods
<i>Quercus similis</i>	C	SC	wet stream bottoms, flatwoods
<i>Quercus sinuata</i> var. <i>sinuata</i>	C	SC	hills and streambanks
<i>Ratibida pinnata</i>	P	SC: York	diabase glades
<i>Rhamnus lanceolata</i>	M	VA: Pulaski	moist calcareous woodlands
<i>Rhododendron eastmanii</i>	P	SC: Cherokee	rich slopes
<i>Rhynchospora saxicola</i>	P	GA, SC?	granitic flatrocks
<i>Ribes americanum</i>	M	VA: Rockbridge	moist forests
<i>Ribes echinellum</i>	P	SC: McCormick	rich woods
<i>Ribes lacustre</i>	M	VA: Bath	moist forests
<i>Rorippa aquatica</i>	C	VA: Southampton	shallow water of swamps and lakes
<i>Sabatia decandra</i>	C	SC: Hampton	pine savannas
<i>Sabatia brevifolia</i>	C	SC: Berkeley	pine savannas
<i>Sagittaria rigida</i>	PM	VA: Nelson	swamps and ponds
<i>Schizachne purpurascens</i>	M	VA: Highland	dry rocky woods
<i>Scirpus ancistrochaetus</i>	M	VA	mountain ponds
<i>Scutellaria montana</i>	M	GA, TN	rocky woodlands
<i>Scutellaria parvula</i>	P	VA	dry rocky openings
<i>Sedum nevii</i>	M	TN: Polk	rock outcrops
<i>Smilax pumila</i>	C	SC: Horry	maritime hardwood forests
<i>Solidago hispida</i>	M	TN; GA: Walker	calcareous woodlands
<i>Sparganium androcladum</i>	MC	TN; VA	ponds and streams
<i>Sparganium eurycarpum</i>	MC	VA: Pulaski	ponds and streams
<i>Sporobolus curtissii</i>	C	GA	savannas
<i>Sporobolus neglectus</i>	M	VA: Lee, Montgomery	mafic glades
<i>Spinulum annotinum</i>	M	VA: Grayson, TN: Blount	moist, high elevation forests

SCIENTIFIC NAME	PROVINCE	STATE: Adjacent County of Occurrence	HABITAT
<i>Stillingia aquatica</i>	C	SC: Allendale, Barnwell, Hampton	clay-based Carolina bays
<i>Sullivantia sullivantii</i>	M	VA: Russell	cliffs
<i>Swida rugosa</i>	M	VA: Craig, Giles	high elevations, on talus
<i>Thalictrum mirabile</i>	M	KY, TN	cliff bases
<i>Toxicodendron radicans</i> ssp. <i>negundo</i>	M	VA, WV	mesic forests, rock outcrops, open or disturbed areas
<i>Toxicodendron rydbergii</i>	M	VA, WV	acidic woodlands
<i>Trichophorum planifolium</i>	P	VA: Grayson, Halifax, Pittsylvania	mesic banks and bluffs
<i>Trillium cernuum</i>	M	VA: Fauquier, Rappahannock	wet woods
<i>Trillium decumbens</i>	M	TN; GA: Pickens, Murray	rich forests
<i>Trillium lancifolium</i>	P	SC: Kershaw	rich forests
<i>Trillium maculatum</i>	PC	SC: Berkeley	rich forests
<i>Trillium nivale</i>	M	VA: Highland	moist calcareous forests
<i>Trillium persistens</i>	MP	SC; GA: Rabun	acid woods under hemlock
<i>Trillium reliquum</i>	PC	SC: Aiken	rich river bluffs
<i>Urtica gracilis</i>	M	VA: Giles	limestone outcrops
<i>Uvularia floridana</i>	C	SC: Berkeley, Charleston	alluvial forests
<i>Vaccinium myrtilloides</i>	M	VA: Pulaski, Roanoke	forests and bogs
<i>Vaccinium oxycoccos</i>	M	WV: Pocahontas	bogs
<i>Vaccinium sempervirens</i>	SC	SC: Lexington	sphagnous seeps, savannas
<i>Vernonia angustifolia</i> var. <i>scaberrima</i>	C	SC: Marion	pinelands
<i>Vernonia pulchella</i>	SC	SC: Beaufort, Jasper	pinelands
<i>Veronica scutellata</i>	M	VA: Carroll, Grayson	swamps and bogs
<i>Viburnum obovatum</i>	C	SC: Horry	moist forests

SIGNIFICANT 2021 REVISIONS TO THE PLANT LISTS

RARE LIST ADDITIONS FOR 2021

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N.C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Acanthothesia paucispora</i>	SR-L	N/A	N/A	S1	GNR
<i>Carex aquatilis</i> var. <i>substricta</i>	SR-P	W7	N/A	S1	G5TNR
<i>Carex pellita</i>	SR-P	N/A	N/A	S1	G5
<i>Fimbristylis vahlii</i>	SR-P	N/A	N/A	SH	G5
<i>Fragaria americana</i>	SR-P	W4	N/A	S1	G5
<i>Houstonia lanceolata</i>	SR-P	W7	N/A	S1	G5
<i>Lecanora anakeestiicola</i>	SR-L	N/A	N/A	S1	GNR
<i>Neottia cordata</i>	SR-D	W3	N/A	SH	G5
<i>Oenothera unguiculata</i>	SR-T	W7	N/A	S1S2	G2G3
<i>Rinodina brodoana</i>	SR-L	N/A	N/A	S1	GNR
<i>Rockefelleria crossophylla</i>	SR-T	N/A	N/A	S2	GNR
<i>Sagittaria spatulata</i>	SR-P	W3	N/A	SH	G4
<i>Stachys clingmanii</i>	SR-T	W2	N/A	S1	G2
<i>Sticta deyana</i>	SR-T	N/A	N/A	S2	GNR
<i>Symphotrichum pratense</i>	SR-P	N/A	N/A	S1	G4?
<i>Triadenum tubulosum</i>	SR-O	W7	N/A	S2	G4?

WATCH LIST ADDITIONS FOR 2021

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N.C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Acanthothesia leucoanthoides</i>	W7	N/A	N/A	S1	GNR
<i>Arisaema stewardsonii</i>	W1	SR-P	N/A	S2	G5
<i>Arthopyrenia betulicola</i>	W7	N/A	N/A	S2	GNR
<i>Brachyelytrum aristosum</i>	W1	SR-P	N/A	S3	G5
<i>Carex</i> sp. 4	W7	N/A	N/A	S1	G1
<i>Cladium mariscoides</i>	W1	SR-O	N/A	S3	G5
<i>Dermiscellum oulocheila</i>	W7	N/A	N/A	S1	GNR
<i>Dichantheium curtifolium</i>	W7	N/A	N/A	S1	G3?
<i>Eupatorium anomalum</i>	W3	SR-T	N/A	S1?	G2G3
<i>Hexastylis</i> sp. 1	W7	N/A	N/A	S1?	GNR
<i>Lathyrus pusillus</i>	W4	SR-D	N/A	SU	G5?
<i>Lecanora masana</i>	W1	N/A	N/A	S3	GNR
<i>Matelea decipiens</i>	W1	SR-P	N/A	S3	G5
<i>Sisyrinchium montanum</i> var. <i>montanum</i>	W3	N/A	N/A	S1?	G5T5
<i>Trepocarpus aethusae</i>	W7	N/A	N/A	S1	G4G5
<i>Triosteum angustifolium</i> var. <i>eamesii</i>	W3	N/A	N/A	S1?	G5TNRQ
<i>Xyleborus nigricans</i>	W7	N/A	N/A	S2	GNR

**TAXA REMOVED FROM RARE AND WATCH LIST SINCE
2018**

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N. C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Arisaema stewardsonii</i>	W1	SR-P	N/A	S2	G5
<i>Carex austrolucorum</i>	N/A	W7	N/A	S3S4	G3G4
<i>Carex deflexa</i>	N/A	SR-D	N/A	SNA	G5
<i>Chasmanthium sessiliflorum</i> var. <i>sessiliflorum</i>	N/A	W1	N/A	S3	G5
<i>Cladium mariscoides</i>	W1	SR-O	N/A	S3	G5
<i>Euthamia graminifolia</i> var. <i>nuttallii</i>	N/A	W7	N/A	SNA	G5T5?Q
<i>Lathyrus pusillus</i>	W4	SR-D	N/A	SU	G5?
<i>Lilium</i> sp. 1	N/A	W2	N/A	SU	G4
<i>Matelea decipiens</i>	W1	SR-P	N/A	S3	G5
<i>Porella japonica</i> ssp. <i>appalachiana</i>	N/A	W3	N/A	SNA	G5?T1
<i>Sabatia campestris</i>	N/A	W4	N/A	SH	G5?
<i>Symphyotrichum firmum</i>	N/A	W7	N/A	SNA	G5
<i>Xyris</i> sp. 1	N/A	W2	N/A	SNA	G2

CHANGES TO RARE LIST DESIGNATION SINCE 2018

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N.C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Acmispon helleri</i>	T	SC-V	N/A	S3	G3
<i>Aletris lutea</i>	T	SR-P	N/A	S1	G4G5
<i>Allium allegheniense</i>	SC-V	SR-T	N/A	S1	G3?
<i>Allium keeverae</i>	SC-V	T	N/A	S2	G2
<i>Andropogon mohrii</i>	SR-O	T	N/A	S2	G4?
<i>Asclepias cinerea</i>	SC-H	SR-D	N/A	SH	G4?
<i>Baccharis glomeruliflora</i>	E	SC-H	N/A	S1	G4
<i>Borodinia missouriensis</i>	SR-D	SC-V	N/A	S1S2	G5
<i>Bouteloua curtipendula</i> var. <i>curtipendula</i>	T	SR-P	N/A	S1	G5T5
<i>Bromus ciliatus</i>	SC-V	SR-P	N/A	S1	G5
<i>Calamagrostis canadensis</i> var. <i>canadensis</i>	SC-V	SR-P	N/A	S1	G5T5
<i>Canoparmelia amabilis</i>	N/A	SC-V	N/A	SNR	G3G5
<i>Cardamine douglassii</i>	SR-P	T	N/A	S2	G5
<i>Cardamine rotundifolia</i>	SR-P	T	N/A	S2	G4
<i>Carex arctata</i>	SC-V	SR-T	N/A	S1	G5
<i>Carex basiantha</i>	E	SR-D	N/A	S1	G5
<i>Carex calcifugens</i>	SC-V	SR-T	N/A	S2?	G3
<i>Carex cherokeeensis</i>	T	E	N/A	S1	G4G5
<i>Carex conoidea</i>	T	SC-V	N/A	S1	G5

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N.C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Carex cristatella</i>	SC-V	SC-H	N/A	S1	G5
<i>Carex decomposita</i>	SR-O	SC-V	N/A	S2	G3G4
<i>Carex hitchcockiana</i>	SR-P	SC-V	N/A	S1	G5
<i>Carex impressinervia</i>	SC-V	SR-T	N/A	S2	G2
<i>Carex jamesii</i>	SC-V	SR-P	N/A	S2	G5
<i>Carex lasiocarpa</i> var. <i>americana</i>	SC-V	SR-P	N/A	S1	G5T5
<i>Carex meadii</i>	E	SR-D	N/A	S1	G4G5
<i>Carex purpurifera</i>	SR-P	SC-V	N/A	S3	G4?
<i>Carex superata</i>	T	SR-T	N/A	S1?	G4?
<i>Carex trichocarpa</i>	SC-V	SR-P	N/A	S1	G4
<i>Carex utriculata</i>	E	SR-P	N/A	S1	G5
<i>Carex vesicaria</i>	E	SR-P	N/A	S1	G5
<i>Carex vestita</i>	T	SC-H	N/A	S1	G5
<i>Caulophyllum giganteum</i>	SC-V	SR-P	N/A	S1	G4G5
<i>Cladonia psoromica</i>	SR-L	T	N/A	S1	G1
<i>Collinsonia tuberosa</i>	SR-P	SC-V	N/A	S1S2	G3G4
<i>Collinsonia verticillata</i>	T	SC-V	N/A	S2	G3G4
<i>Coreopsis aristulata</i>	T	SR-L	N/A	S1	G1
<i>Crataegus pallens</i>	T	SR-T	N/A	S1	G1
<i>Cyperus virens</i>	SC-V	SR-P	N/A	S1	G5
<i>Delphinium exaltatum</i>	T	E	N/A	S2	G3
<i>Diarrhena americana</i>	T	E	N/A	S1	G4G5
<i>Dichantherium annulum</i>	E	SR-P	N/A	S1	G4
<i>Dichantherium caeruleum</i>	T	E	N/A	S2	G2G3
<i>Dichantherium neuranthum</i>	SR-D	SC-V	N/A	S1S2	G3
<i>Dichantherium spretum</i>	E	SR-D	N/A	S1	G5
<i>Dichantherium strigosum</i> var. <i>glabrescens</i>	T	SR-D	N/A	S1	G5T4T5
<i>Dionaea muscipula</i>	T	SC-V	N/A	S2	G2
<i>Ditrysinia fruticosa</i>	SR-P	SC-V	N/A	S2	G5
<i>Draba ramosissima</i>	SR-P	SC-V	N/A	S2	G4
<i>Drepanolejeunea</i> <i>appalachiana</i>	SR-T	SC-V	N/A	S1	G2?
<i>Echinacea purpurea</i>	SR-O	SC-V	N/A	S1	G4
<i>Eleocharis cellulosa</i>	T	E	N/A	S2	G4G5
<i>Eleocharis parvula</i>	T	SR-D	N/A	S1	G5
<i>Eleocharis vivipara</i>	T	E	N/A	S1	G5
<i>Elymus halophilus</i>	SR-P	SC-V	N/A	S1	G5
<i>Erigenia bulbosa</i>	T	SR-P	N/A	S1	G5
<i>Eupatorium pahudicola</i>	E	T	N/A	S1S2	G2
<i>Fleishmannia incarnata</i>	SR-O	T	N/A	S2	G5
<i>Gaylussacia orocola</i>	E	SR-L	N/A	S1	G1
<i>Gentiana alba</i>	SC-H	SC-V	N/A	SH	G4

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N.C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Gentiana latidens</i>	T	SR-L	N/A	S1S2	G1G2
<i>Gentianopsis crinita</i>	E	T	N/A	S1	G5
<i>Glyceria laxa</i>	SC-V	SR-P	N/A	S2	G5
<i>Hottonia inflata</i>	SC-V	SR-O	N/A	S1?	G4
<i>Hydrastis canadensis</i>	SC-V	SR-O	N/A	S3	G3G4
<i>Hymenocallis pygmaea</i>	SC-V	T	N/A	S1	G2Q
<i>Hypericum radfordiorum</i>	SC-V	SR-L	N/A	S2	G2
<i>Hypotrachyna virginica</i>	SC-V	SR-T	N/A	S1S2	G1G2
<i>Ipomoea imperati</i>	SC-V	T	N/A	S1	G5
<i>Ipomoea macrorhiza</i>	SC-H	SR-P	N/A	SH	G3G5
<i>Isoetes piedmontana</i>	T	E	N/A	S2	G4
<i>Juncus articulatus</i>	SC-H	SR-D	N/A	SH	G5
<i>Juniperus communis</i> var. <i>depressa</i>	T	SC-V	N/A	S1	G5T5
<i>Lechea maritima</i> var. <i>virginica</i>	T	E	N/A	S1	G5T3Q
<i>Liatris aspera</i>	SC-V	T	N/A	S1	G4G5
<i>Lindera subcoriacea</i>	SC-V	SR-T	N/A	S2	G3
<i>Ludwigia ravenii</i>	E	T	N/A	S1	G1G2
<i>Lupinus villosus</i>	E	SR-P	N/A	S1	G5
<i>Lycopodiella inundata</i>	E	SR-P	N/A	S1	G5
<i>Lysimachia borealis</i>	T	E	N/A	S1	G5
<i>Magnolia macrophylla</i>	SC-V	T	N/A	S2	G5
<i>Marshallia legrandii</i>	E	SR-L	N/A	S1	G1
<i>Monotropis odorata</i>	SR-O	SC-V	N/A	S3	G3
<i>Muhlenbergia sobolifera</i>	T	SC-V	N/A	S2	G5
<i>Nabalus albus</i>	SC-V	T	N/A	S2?	G5
<i>Oldenlandia boscii</i>	T	E	N/A	S2	G5
<i>Orbexilum pedunculatum</i>	E	SR-P	N/A	S1	G5?
<i>Oreojuncus trifidus</i>	T	SR-D	N/A	S1	G5
<i>Orthochilus ecristatus</i>	E	SR-T	N/A	S1	G2G3
<i>Packera crawfordii</i>	E	SR-T	N/A	S1	G2
<i>Packera millefolium</i>	SC-V	T	N/A	S2	G3
<i>Packera paupercula</i> var. <i>paupercula</i>	SC-V	SR-P	N/A	S1?	G5T5
<i>Packera serpenticola</i>	T	SR-L	N/A	S1	G1
<i>Palustricodon aparinoides</i> var. <i>aparinoides</i>	T	SR-P	N/A	S2	G5TNR
<i>Parietaria praetermissa</i>	SR-P	SC-V	N/A	S1	G3G4
<i>Phemeranthus piedmontanus</i>	E	SR-L	N/A	S1	G1
<i>Pinguicula lutea</i>	SC-V	SR-P	N/A	S1	G4G5
<i>Pinguicula pumila</i>	T	E	N/A	S2	G4
<i>Platanthera grandiflora</i>	SR-P	T	N/A	S2	G5
<i>Platanthera herbiola</i>	SC-V	SR-P	N/A	S1S2	G4Q
<i>Platanthera integra</i>	T	SC-V	N/A	S2	G3G4

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N.C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Platanthera integrilabia</i>	T	SC-H	T	S1	G2G3
<i>Platanthera nivea</i>	E	T	N/A	SH	G5
<i>Platanthera shriveri</i>	E	SR-T	N/A	S1	G1
<i>Polygala senega</i>	SC-V	SR-D	N/A	S2	G4G5
<i>Potamogeton illinoensis</i>	E	SR-D	N/A	S1	G5
<i>Primula meadia</i>	SC-V	T	N/A	S2S3	G5
<i>Pseudognaphalium helleri</i>	E	SR-P	N/A	S2S3	G3G4
<i>Pyrola elliptica</i>	T	E	N/A	S1	G5
<i>Pyxidantha brevifolia</i>	T	SR-L	N/A	S2	G3
<i>Quercus elliotii</i>	E	SR-P	N/A	S2	G3G5
<i>Quercus minima</i>	E	SR-P	N/A	S1	G5
<i>Ranunculus flabellaris</i>	SR-P	SC-H	N/A	S1	G5
<i>Ranunculus hederaceus</i>	T	E	N/A	S1	G5
<i>Rhynchospora microcarpa</i>	T	SR-P	N/A	S2	G5
<i>Ruellia humilis</i>	T	E	N/A	S1	G5
<i>Sagittaria chapmanii</i>	T	E	N/A	S1	G3?
<i>Sarracenia purpurea</i> var. <i>montana</i>	E	SR-L	N/A	S1S2	G5T1T2
<i>Scleria bellii</i>	E	SR-L	N/A	S1	G2G3
<i>Scleria reticularis</i>	SC-V	T	N/A	S2	G4
<i>Sclerolepis uniflora</i>	T	SR-T	N/A	S2	G4
<i>Senecio suaveolens</i>	E	SC-H	N/A	S1	G4
<i>Sesuvium maritimum</i>	E	SR-O	N/A	S1	G5
<i>Sesuvium portulacastrum</i>	E	SR-P	N/A	S1	G5
<i>Shortia brevistyla</i>	T	E	N/A	S2	G2
<i>Silphium perfoliatum</i>	SC-V	T	N/A	S1	G5
<i>Solidago leavenworthii</i>	E	T	N/A	S1	G3G4
<i>Solidago verna</i>	T	SR-O	N/A	S3	G3
<i>Solidago villosicarpa</i>	T	T	N/A	S1	G1
<i>Sparganium acaule</i>	E	T	N/A	S1	GNR
<i>Spartina pectinata</i>	T	SC-V	N/A	S1	G5
<i>Sphagnum warnstorffii</i>	SC-V	SR-D	N/A	S1	G5
<i>Spiranthes eatonii</i>	SR-P	E	N/A	S2	G3Q
<i>Sporobolus teretifolius</i>	E	T	N/A	S1	G2
<i>Stachys appalachiana</i>	E	SR-L	N/A	S1	G1G2
<i>Stachys eplingii</i>	E	SR-T	N/A	S1	GNR
<i>Stachys matthewsii</i>	E	SR-T	N/A	S1	G1G2
<i>Stenanthium gramineum</i> var. <i>robustum</i>	E	T	N/A	S1	G4G5T3
<i>Symphyotrichum concinnum</i>	E	T	N/A	S2	G4
<i>Synandra hispidula</i>	T	E	N/A	S1	G4
<i>Thalictrum macrostylum</i>	SC-V	SR-T	N/A	S2	G3G4
<i>Thaspium pinnatifidum</i>	E	T	N/A	S1	G2G3
<i>Thermopsis mollis</i>	SR-T	SC-V	N/A	S2	G3G4

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N.C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Tradescantia virginiana</i>	SR-O	T	N/A	S2S3	G5
<i>Trichostema nesophilum</i>	SC-V	SR-L	N/A	S2	G2
<i>Tridens chapmanii</i>	SC-V	T	N/A	S1S2	G3
<i>Trillium flexipes</i>	T	SC-H	N/A	S1	G5
<i>Trillium recurvatum</i>	T	SR-P	N/A	S1	G5
<i>Trillium simile</i>	SC-V	T	N/A	S2	G3
<i>Urtica chamaedryoides</i>	T	E	N/A	S2	G4G5
<i>Viola walteri</i>	SR-O	T	N/A	S1	G4G5
<i>Xyris chapmanii</i>	SR-D	SC-V	N/A	S3	G3
<i>Xyris floridana</i>	SC-V	T	N/A	S1	G4G5
<i>Xyris serotina</i>	SC-H	T	N/A	SH	G3G4

CHANGES TO WATCH LIST DESIGNATION SINCE 2018

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N. C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Anemone minima</i>	W7	W3	N/A	S1?	G3
<i>Sagittaria spatulata</i>	SR-P	W3	N/A	S1	G4

SCIENTIFIC NAME CHANGES TO THE PLANT LIST SINCE 2018

FORMER NAME	CURRENT NAME
<i>Alnus viridis</i> ssp. <i>crispa</i>	<i>Alnus crispa</i>
<i>Amphicarpum muhlenbergianum</i>	<i>Amphicarpum muehlenbergianum</i>
<i>Anastrophyllum saxicola</i>	<i>Sphenolobus saxicola</i>
<i>Anthoxanthum hirtum</i>	<i>Hierochloe hirta</i>
<i>Arabis pycnocarpa</i> var. <i>adpressipilis</i>	<i>Arabis adpressipilis</i>
<i>Astomum ludovicianum</i>	<i>Weissia ludoviciana</i>
<i>Baptisia australis</i> var. <i>aberrans</i>	<i>Baptisia aberrans</i>
<i>Barbilophozia attenuata</i>	<i>Neoorthocaulis attenuatus</i>
<i>Bigelowia nudata</i> ssp. <i>australis</i>	<i>Bigelowia nudata</i> var. <i>australis</i>
<i>Boechera missouriensis</i>	<i>Borodinia missouriensis</i>
<i>Botrychium lanceolatum</i> var. <i>angustisegmentum</i>	<i>Botrychium angustisegmentum</i>
<i>Brachymenium andersonii</i>	<i>Rosulabryum andersonii</i>
<i>Brachythecium plumosum</i>	<i>Sciuro-hypnum plumosum</i>
<i>Brachythecium populeum</i>	<i>Sciuro-hypnum populeum</i>
<i>Brachythecium velutinum</i>	<i>Brachytheciastrum velutinum</i>
<i>Calamagrostis porteri</i> ssp. <i>porteri</i>	<i>Calamagrostis porteri</i>
<i>Calystegia spithamea</i> ssp. <i>stans</i>	<i>Convolvulus stans</i>
<i>Campanula americana</i>	<i>Campanulastrum americanum</i>
<i>Campanula aparinoides</i> var. <i>aparinoides</i>	<i>Palustricodon aparinoides</i> var. <i>aparinoides</i>
<i>Carex aquatilis</i>	<i>Carex aquatilis</i> var. <i>substricta</i>
<i>Carex canescens</i> var. <i>disjuncta</i>	<i>Carex disjuncta</i>

FORMER NAME	CURRENT NAME
<i>Carex pedunculata</i>	<i>Carex pedunculata</i> var. <i>pedunculata</i>
<i>Carex tenera</i> var. <i>tenera</i>	<i>Carex tenera</i>
<i>Cephalozia connivens</i> var. <i>bifida</i>	<i>Fuscocephaloziopsis connivens</i> var. <i>bifida</i>
<i>Cephalozia macrostachya</i> ssp. <i>australis</i>	<i>Fuscocephaloziopsis macrostachya</i> ssp. <i>australis</i>
<i>Cephalozia pleniceps</i> var. <i>caroliniana</i>	<i>Fuscocephaloziopsis pleniceps</i> var. <i>caroliniana</i>
<i>Cephaloziella massalongi</i>	<i>Cephaloziella massalongoi</i>
<i>Chamerion platyphyllum</i>	<i>Chamaenerion angustifolium</i> ssp. <i>circumvagum</i>
<i>Cheilolejeunea myriantha</i>	<i>Cheilolejeunea discoidea</i>
<i>Chenopodium simplex</i>	<i>Chenopodiastrum simplex</i>
<i>Clematis occidentalis</i>	<i>Clematis occidentalis</i> var. <i>occidentalis</i>
<i>Chiloscyphus appalachianus</i>	<i>Lophocolea appalachiana</i>
<i>Chiloscyphus muricatus</i>	<i>Lophocolea muricata</i>
<i>Cladonia evansii</i>	<i>Cladina evansii</i>
<i>Coeloglossum viride</i> var. <i>virescens</i>	<i>Dactylorhiza viridis</i>
<i>Coelorachis cylindrica</i>	<i>Mnesithea cylindrica</i>
<i>Coptis trifolia</i> var. <i>groenlandica</i>	<i>Coptis trifolia</i>
<i>Cornus asperifolia</i>	<i>Swida asperifolia</i>
<i>Cornus canadensis</i>	<i>Chamaepericlymenum canadense</i>
<i>Cornus racemosa</i>	<i>Swida racemosa</i>
<i>Crataegus succulenta</i>	<i>Crataegus succulenta</i> var. <i>succulenta</i>
<i>Crinum americanum</i>	<i>Crinum americanum</i> var. <i>americanum</i>
<i>Cyperus odoratus</i> var. <i>engelmannii</i>	<i>Cyperus engelmannii</i>
<i>Dalea pinnata</i>	<i>Dalea pinnata</i> var. <i>pinnata</i>
<i>Dichantherium aciculare</i> ssp. <i>neuranthum</i>	<i>Dichantherium neuranthum</i>
<i>Drosera filiformis</i>	<i>Drosera filiformis</i> var. <i>filiformis</i>
<i>Echinodorus tenellum</i>	<i>Helanthium tenellum</i>
<i>Eleocharis halophila</i>	<i>Eleocharis uniglumis</i>
<i>Elymus virginicus</i> var. <i>halophilus</i>	<i>Elymus halophilus</i>
<i>Epidendrum magnoliae</i>	<i>Epidendrum conopseum</i>
<i>Euonymus atropurpureus</i> var. <i>atropurpureus</i>	<i>Euonymus atropurpureus</i>
<i>Fissidens hallii</i>	<i>Fissidens amoenus</i>
<i>Fleischmannia incarnata</i>	<i>Fleishmannia incarnata</i>
<i>Fragaria vesca</i> var. <i>americana</i>	<i>Fragaria americana</i>
<i>Geum fragarioides</i>	<i>Waldsteinia fragarioides</i>
<i>Geum lobatum</i>	<i>Waldsteinia lobata</i>
<i>Gratiola aurea</i>	<i>Gratiola lutea</i>
<i>Helodium paludosum</i>	<i>Elodium paludosum</i>
<i>Heteranthera multiflora</i>	<i>Heteranthera pauciflora</i>
<i>Houstonia purpurea</i> var. <i>calycosa</i>	<i>Houstonia lanceolata</i>
<i>Hypericum fraseri</i>	<i>Triadenum fraseri</i>
<i>Hypericum tubulosum</i>	<i>Triadenum tubulosum</i>
<i>Hymenocallis occidentalis</i>	<i>Hymenocallis occidentalis</i> var. <i>occidentalis</i>
<i>Krigia biflora</i> var. <i>biflora</i>	<i>Krigia biflora</i> ssp. <i>biflora</i>
<i>Lechea torreyi</i>	<i>Lechea torreyi</i> var. <i>congesta</i>
<i>Lejeunea dimorphophylla</i>	<i>Microlejeunea epiphylla</i>
<i>Leptochloa fascicularis</i> var. <i>maritima</i>	<i>Diplachne maritima</i>
<i>Liatrix scariosa</i> var. <i>scariosa</i>	<i>Liatrix scariosa</i>

FORMER NAME	CURRENT NAME
<i>Lilium canadense</i> var. <i>canadense</i>	<i>Lilium canadense</i>
<i>Lipocarpa micrantha</i>	<i>Cyperus subsquarrosus</i>
<i>Listera australis</i>	<i>Neottia bifolia</i>
<i>Lobelia</i> sp. 1	<i>Lobelia batsonii</i>
<i>Lopholejeunea muelleriana</i>	<i>Lopholejeunea nigricans</i>
<i>Lophozia capitata</i>	<i>Tritomaria capitata</i>
<i>Lophozia excisa</i>	<i>Lophozioopsis excisa</i>
<i>Lophozia heterocolpos</i>	<i>Mesoptychia heterocolpos</i>
<i>Lysimachia hybrida</i>	<i>Steironema hybridum</i>
<i>Lysimachia tonsa</i>	<i>Steironema tonsum</i>
<i>Manfreda virginica</i>	<i>Agave virginica</i>
<i>Marsupella emarginata</i> var. <i>latiloba</i>	<i>Marsupella emarginata</i> ssp. <i>emarginata</i>
<i>Metzgeria furcata</i> var. <i>setigera</i>	<i>Metzgeria setigera</i>
<i>Metzgeria temperata</i>	<i>Metzgeria consanguinea</i>
<i>Micropolypodium nimbatum</i>	<i>Moranopteris nimbata</i>
<i>Minuartia godfreyi</i>	<i>Mononeuria paludicola</i>
<i>Minuartia groenlandica</i>	<i>Mononeuria groenlandica</i>
<i>Minuartia uniflora</i>	<i>Mononeuria uniflora</i>
<i>Muhlenbergia glabriflora</i>	<i>Muhlenbergia glabrifloris</i>
<i>Oenothera fruticosa</i> var. <i>unguiculata</i>	<i>Oenothera unguiculata</i>
<i>Orbexilum lupinellum</i>	<i>Orbexilum lupinellus</i>
<i>Orbexilum pedunculatum</i> var. <i>pedunculatum</i>	<i>Orbexilum pedunculatum</i>
<i>Oxypolis canbyi</i>	<i>Tiedemannia canbyi</i>
<i>Panax trifolius</i>	<i>Nanopanax trifolius</i>
<i>Panicum lithophilum</i>	<i>Panicum philadelphicum</i> ssp. <i>lithophilum</i>
<i>Parthenocissus vitacea</i>	<i>Parthenocissus inserta</i>
<i>Persicaria glabra</i>	<i>Persicaria densiflora</i>
<i>Phlox divaricata</i>	<i>Phlox divaricata</i> var. <i>divaricata</i>
<i>Piriqueta caroliniana</i> var. <i>caroliniana</i>	<i>Piriqueta caroliniana</i>
<i>Pityopsis graminifolia</i> var. <i>graminifolia</i>	<i>Pityopsis graminifolia</i>
<i>Plagiochila corniculata</i>	<i>Plagiochila exigua</i>
<i>Plagiochila dubia</i>	<i>Plagiochila patula</i>
<i>Plagiochila ludoviciana</i>	<i>Plagiochila raddiana</i>
<i>Platanthera flava</i> var. <i>herbiola</i>	<i>Platanthera herbiola</i>
<i>Pohlia longicollis</i>	<i>Pohlia longicolla</i>
<i>Polygonum tenue</i>	<i>Duravia</i> sp. 2
<i>Polytrichum appalachianum</i>	<i>Polytrichastrum appalachianum</i>
<i>Ptilimnium nodosum</i>	<i>Harperella nodosa</i>
<i>Pylaisiella polyantha</i>	<i>Pylaisia polyantha</i>
<i>Rubus dalibarda</i>	<i>Dalibarda repens</i>
<i>Rubus idaeus</i> ssp. <i>strigosus</i>	<i>Rubus strigosus</i>
<i>Rubus repens</i>	<i>Dalibarda repens</i>
<i>Ruellia ciliosa</i> var. <i>ciliosa</i>	<i>Ruellia ciliosa</i>
<i>Schoenoplectus acutus</i>	<i>Schoenoplectus acutus</i> var. <i>acutus</i>
<i>Scutellaria mellichampii</i> (misapplied)	<i>Scutellaria incana</i> var. <i>australis</i>
<i>Scutellaria ovata</i> ssp. <i>rugosa</i> var. 1	<i>Scutellaria ovata</i> var. <i>rugosa</i>
<i>Seymeria pectinata</i>	<i>Seymeria pectinata</i> ssp. <i>pectinata</i>

FORMER NAME	CURRENT NAME
<i>Shortia galacifolia</i> var. <i>brevistyla</i>	<i>Shortia brevistyla</i>
<i>Shortia galacifolia</i> var. <i>galacifolia</i>	<i>Shortia galacifolia</i>
<i>Solidago patula</i> var. <i>strictula</i>	<i>Solidago salicina</i>
<i>Solidago ptarmicoides</i>	<i>Oligoneuron album</i>
<i>Solidago puberula</i> var. <i>puberula</i>	<i>Solidago puberula</i>
<i>Solidago rigida</i> var. <i>glabrata</i>	<i>Oligoneuron jacksonii</i>
<i>Solidago rigida</i> var. <i>rigida</i>	<i>Oligoneuron rigidum</i>
<i>Solidago rugosa</i> var. <i>sphagnophila</i>	<i>Solidago aestivalis</i>
<i>Solidago ulmifolia</i>	<i>Solidago ulmifolia</i> var. <i>ulmifolia</i>
<i>Sparganium emersum</i>	<i>Sparganium acaule</i>
<i>Spergularia salina</i>	<i>Spergularia marina</i>
<i>Splachnum pennsylvanicum</i>	<i>Splachnum pensylvanicum</i>
<i>Symphyotrichum laeve</i> var. <i>concinnum</i>	<i>Symphyotrichum concinnum</i>
<i>Thelypteris simulata</i>	<i>Coryphopteris simulata</i>
<i>Thuidium allenii</i>	<i>Thuidium alleniorum</i>
<i>Torreyochloa pallida</i> var. <i>pallida</i>	<i>Torreyochloa pallida</i>
<i>Tortula ammonsiana</i>	<i>Syntrichia ammonsiana</i>
<i>Tortula fragilis</i>	<i>Syntrichia fragilis</i>
<i>Tortula papillosa</i>	<i>Syntrichia papillosa</i>
<i>Trautvetteria caroliniensis</i> var. <i>caroliniensis</i>	<i>Trautvetteria caroliniensis</i>
<i>Trichostema</i> sp. 1	<i>Trichostema nesophilum</i>
<i>Trientalis borealis</i>	<i>Lysimachia borealis</i>
<i>Triosteum angustifolium</i>	<i>Triosteum angustifolium</i> var. <i>angustifolium</i>
<i>Trisetum spicatum</i>	<i>Koeleria spicata</i> ssp. <i>spicata</i>
<i>Veratrum woodii</i>	<i>Melanthium woodii</i>
<i>Viola walteri</i> var. <i>appalachiensis</i>	<i>Viola walteri</i>
<i>Weissia muehlenbergiana</i>	<i>Weissia muhlenbergiana</i>

Taxonomy and nomenclature of vascular plants generally follows Weakley, A.S. *Flora of the Southeastern United States, 2020 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/>).

INDEX OF SCIENTIFIC NAMES

- Abdra aprica*, 159
Abies fraseri, 102
Acanthothezis fontana, 151, 157
Acanthothezis leucoxanthoides, 151, 164
Acanthothezis paucispora, 96, 164
Acer nigrum, 102
Acmella repens, 10
Acmispon helleri, 10, 165
Aconitum reclinatum, 10
Aconitum uncinatum, 156
Acrobolbus ciliatus, 90
Actaea pachypoda, 156
Actaea podocarpa, 158
Actaea racemosa, 158
Actaea rubifolia, 159
Adiantum capillus-veneris, 10
Adlumia fungosa, 10
Aeschynomene virginica, 10
Agalinis aphylla, 102
Agalinis auriculata, 159
Agalinis decemloba, 102
Agalinis linifolia, 102
Agalinis obtusifolia, 102
Agalinis plukenetii, 159
Agalinis virgata, 10
Agarista populifolia, 102
Agastache nepetoides, 10
Agave virginica, 102, 171
Agrostis altissima, 11
Agrostis mertensii, 11
Aletris farinosa, 158
Aletris lutea, 11, 165
Aletris obovata, 159
Allium allegheniense, 11, 165
Allium keeverae, 11, 157, 165
Allium sp. 1, 11, 157
Allium tricoccum, 158
Alnus crispa, 11, 169
Alnus incana ssp. rugosa, 159
Alnus viridis ssp. crispa, 169
Amaranthus pumilus, 11
Amblystegium humile, 140
Amelanchier sanguinea, 103
Amorpha confusa, 11
Amorpha georgiana, 11
Amorpha schwerinii, 103
Ampelopsis cordata, 103
Amphicarpum amphicarpon, 103
Amphicarpum muehlenbergianum, 11, 169
Amphicarpum muhlenbergianum, 169
Amphidium mougeotii, 141
Anacamptodon splachnoides, 141
Anaptychia crinalis, 96
Anastrophyllum saxicola, 169
Andreaea rothii, 141
Andreaea rupestris, 141
Andropogon arctatus, 103
Andropogon mohrii, 12, 165
Andropogon perangustatus, 103
Andropogon tracyi, 103
Andropogon virginicus var. decipiens, 103
Anemone berlandieri, 12
Anemone canadensis, 159
Anemone caroliniana, 12
Anemone minima, 103, 169
Aneura sharpii, 91
Angelica atropurpurea, 103
Anomobryum julaceum, 141
Antennaria howellii ssp. petaloidea, 104
Antennaria virginica, 159
Anthenantia rufa, 104
Anthoxanthum hirtum, 169
Anticlea glauca, 12
Anzia americana, 96
Anzia ornata, 96
Aphanorrhagma serratum, 79
Arabidopsis lyrata ssp. lyrata, 104
Arabis adpressipilis, 12, 169
Arabis patens, 12
Arabis pycnocarpa var. adpressipilis, 169
Aralia hispida, 159
Aralia nudicaulis, 156
Archidium donnellii, 79
Archidium ohioense, 141
Archidium tenerrimum, 79
Arenaria lanuginosa var. lanuginosa, 12
Arethusa bulbosa, 12
Arisaema stewardsonii, 104, 164, 165
Aristida condensata, 12
Aristida simpliciflora, 12
Aristida tenuispica, 13
Aristida virgata, 156
Arnoglossum ovatum var. lanceolatum, 13
Aronia prunifolia, 104
Arthonia kermesia, 157
Arthonia kermesina, 151
Arthopyrenia betulicola, 152, 164
Arthotheliopsis floridensis, 152
Asclepias cinerea, 13, 165
Asclepias longifolia, 104
Asclepias michauxii, 159
Asclepias obovata, 159
Asclepias pedicellata, 13
Asclepias perennis, 159
Asclepias purpurascens, 13
Asclepias tomentosa, 104
Asemeia grandiflora, 13
Aspiromitus adscendens, 151
Aspiromitus appalachianus, 96
Asplenium bradleyi, 13
Asplenium heteroresiliens, 13
Asplenium monanthes, 13
Asplenium montanum, 156
Asplenium pinnatifidum, 13
Asplenium resiliens, 104
Asplenium ruta-muraria var. cryptolepis, 14
Asplenium septentrionale, 159
Asplenium trichomanes ssp. quadrivalens, 159
Asplenium x trudellii, 159
Astomum ludovicianum, 169
Astragalus distortus var. distortus, 159
Astragalus michauxii, 14
Athyrium angustum, 14
Atrichum altecristatum, 141
Atrichum cylindricum, 141
Atrichum tenellum, 141
Baccharis angustifolia, 104
Baccharis glomeruliflora, 14, 165

Bacopa caroliniana, 14
Bacopa innominata, 14
Bacopa rotundifolia, 14
Balduina atropurpurea, 14
Baptisia aberrans, 14, 169
Baptisia alba, 14
Baptisia albescens, 105
Baptisia australis var.
aberrans, 169
Baptisia bracteata, 15
Baptisia perfoliata, 159
Barbilophozia attenuata, 169
Barbilophozia barbata, 91
Barbilophozia hatcheri, 91
Barbula indica var. *indica*,
141
Bartonia paniculata ssp.
paniculata, 105
Bartonia verna, 105
Bartonia virginica, 156
Batis maritima, 159
Bazzania nudicaulis, 91
Bellibarbula recurva, 79
Berberis canadensis, 15
Berchemia scandens, 156
Berlandiera pumila var.
pumila, 159
Betula cordifolia, 15
Bidens mitis, 105
Bidens trichosperma, 15
Bigelowia nudata ssp.
australis, 169
Bigelowia nudata var.
australis, 105, 169
Blindia acuta, 142
Boechera burkii, 105
Boechera missouriensis, 169
Boltonia asteroides var.
glastifolia, 15
Borodinia missouriensis, 15,
165, 169
Bothriochloa saccharoides,
159
Botrychium
angustisegmentum, 15,
169
Botrychium lanceolatum var.
angustisegmentum, 169
Botrychium matricariifolium,
15
Botrychium simplex var.
simplex, 15
Bouteloua curtipendula var.
curtipendula, 15, 165
Boykinia aconitifolia, 105
Brachelyma subulatum, 142
Brachydontium trichodes, 79
Brachyelytrum aristosum,
105, 164
Brachymenium andersonii,
169
Brachymenium systylium, 79
Brachytheciastrum
velutinum, 142, 169
Brachythecium acuminatum
var. *cyrtophyllum*, 142
Brachythecium oedipodium,
142
Brachythecium plumosum,
169
Brachythecium populeum,
169
Brachythecium reflexum, 142
Brachythecium rotaeanum,
80
Brachythecium rutabulum,
142
Brachythecium salebrosum,
142
Brachythecium velutinum,
169
Brasenia schreberi, 156
Bromus ciliatus, 16, 165
Bromus kalmii, 159
Bromus latiglumis, 16
Bromus nottowayanus, 105
Brothera leana, 142
Bruchia brevifolia, 80
Bruchia carolinae, 80
Bruchia fusca, 80
Bruchia hallii, 80
Bruchia ravenelii, 142
Bruchia texana, 143
Bryhnia novae-angliae, 143
Bryocrumia vivicolor, 80
Bryoerythrophyllum
ferruginascens, 80
Bryoerythrophyllum
inaequalifolium, 80
Bryoerythrophyllum
recurvirostrum, 143
Bryoxiphium norvegicum, 80
Bryum limbatum, 80
Bryum riparium, 80
Buchnera americana, 16
Buckleya distichophylla, 16
Bulbostylis warei, 16
Burmannia biflora, 105
Buxbaumia aphylla, 81
Buxbaumia minakatae, 81
Calamagrostis cainii, 16
Calamagrostis canadensis
var. *canadensis*, 16, 165
Calamagrostis porteri, 16,
169
Calamagrostis porteri ssp.
porteri, 169
Calamovilfa brevipilis, 106
Callitriche terrestris, 16
Calopogon multiflorus, 16
Calopogon tuberosus var.
tuberosus, 156
Caltha palustris var.
palustris, 17
Calystegia spithamea ssp.
stans, 169
Camassia scilloides, 17
Campanula americana, 169
Campanula aparinoides var.
aparinoides, 169
Campanula rotundifolia, 17
Campanulastrum
americanum, 169
Campanulatum
americanum, 156
Campyllum stellatum, 81
Campylopus atrovirens var.
atrovirens, 81
Campylopus carolinae, 81
Campylopus oerstedianus, 81
Campylopus paradoxus, 81
Campylostelium saxicola,
143
Canoparmelia amabilis, 165
Cardamine bulbosa, 156
Cardamine clematitidis, 17
Cardamine dissecta, 17
Cardamine douglassii, 17,
165
Cardamine longii, 17
Cardamine micranthera, 17
Cardamine rotundifolia, 17,
165
Carex albursina, 106
Carex amplisquama, 17
Carex aquatilis, 164, 169
Carex aquatilis var.
substricta, 18, 164, 169
Carex arctata, 18, 165

Carex argyrantha, 18
Carex austrodeflexa, 18
Carex australucorum, 165
Carex baileyi, 18
Carex barrattii, 18
Carex basiantha, 18, 165
Carex biltmoreana, 106
Carex brevior, 160
Carex bromoides ssp.
montana, 106
Carex bushii, 18
Carex buxbaumii, 18
Carex calcifugens, 18, 165
Carex canescens var.
disjuncta, 169
Carex careyana, 18
Carex chapmanii, 106
Carex cherokeeensis, 19, 165
Carex collinsii, 106
Carex conjuncta, 160
Carex conoidea, 19, 165
Carex cristatella, 19, 166
Carex crus-corvi, 19
Carex decomposita, 19, 166
Carex deflexa, 165
Carex disjuncta, 19, 169
Carex eburnea, 19
Carex echinata ssp. *echinata*,
106
Carex emmonsii, 19
Carex exilis, 19
Carex fraseriana, 106
Carex gholsonii, 106
Carex granularis, 107
Carex hitchcockiana, 19, 166
Carex hormathodes, 20
Carex hyalinolepis, 107
Carex impressinervia, 20,
166
Carex jamesii, 20, 166
Carex lasiocarpa var.
americana, 20, 166
Carex leavenworthii, 107
Carex leptonervia, 107
Carex lupuliformis, 20
Carex lutea, 20, 157
Carex manhartii, 107
Carex meadii, 20, 166
Carex misera, 107
Carex mitchelliana, 107
Carex molestiformis, 20
Carex oklahomensis, 107
Carex oligocarpa, 20
Carex oligosperma, 20
Carex pallescens, 160
Carex pedunculata, 170
Carex pedunculata var.
pedunculata, 20, 170
Carex pellita, 21, 164
Carex polymorpha, 160
Carex projecta, 21
Carex purpurifera, 21, 166
Carex radfordii, 21
Carex reniformis, 21
Carex roanensis, 21
Carex ruthii, 107
Carex socialis, 21
Carex sp. 2, 21
Carex sp. 3, 160
Carex sp. 4, 108, 164
Carex sparganioides, 108
Carex superata, 21, 166
Carex tenax, 21
Carex tenera, 108, 170
Carex tenera var. *tenera*, 170
Carex torta, 156
Carex trichocarpa, 22, 166
Carex trisperma, 22
Carex turgescens, 108
Carex utriculata, 22, 166
Carex verrucosa, 22
Carex vesicaria, 22, 166
Carex vestita, 22, 166
Carex woodii, 108
Carya laciniosa, 22
Carya myristiciformis, 22
Castilleja coccinea, 155
Caulophyllum giganteum, 22,
166
Celastrus scandens, 22
Celtis occidentalis, 108
Cephalozia connivens var.
bifida, 170
Cephalozia macrostachya
ssp. *australis*, 170
Cephalozia pleniceps var.
caroliniana, 170
Cephalozia pleniceps var.
pleniceps, 91
Cephaloziella hampeana, 91
Cephaloziella massalongi,
170
Cephaloziella massalongoi,
148, 170
Cephaloziella obtusilobula,
148
Cephaloziella spinicaulis, 91
Cerastium nutans, 108
Ceratiola ericoides, 160
Ceratophyllum australe, 23
Ceratophyllum echinatum,
108
Cetraria arenaria, 97
Cetrelia cetrarioides, 97
Chamaecrista nictitans var.
aspera, 160
Chamaedaphne calyculata,
156
Chamaelirium luteum, 158
Chamaenerion angustifolium
ssp. *circumvagum*, 23, 170
Chamaepericlymenum
canadense, 160, 170
Chamerion platyphyllum, 170
Chasmanthium nitidum, 23
Chasmanthium sessiliflorum
var. *sessiliflorum*, 165
Cheilanthes feei, 160
Cheilolejeunea discoidea, 91,
170
Cheilolejeunea evansii, 91
Cheilolejeunea myriantha,
170
Cheilolejeunea rigidula, 91
Chelone cuthbertii, 23
Chelone obliqua var.
erwiniae, 23
Chelone obliqua var. *obliqua*,
23
Chenopodium simplex,
170
Chenopodium foggii, 23
Chenopodium simplex, 23,
170
Chiloscyphus appalachianus,
170
Chiloscyphus muricatus, 170
Chrysoma pauciflosculosa,
23
Chrysopogon pauciflorus,
108
Chrysopsis trichophylla, 108
Chrysosplenium americanum,
109
Cinna latifolia, 109
Cirriphyllum piliferum, 81
Cirsium carolinianum, 23
Cirsium lecontei, 24
Cirsium nuttallii, 24

Cladina evansii, 152, 170
Cladium mariscoides, 109, 164, 165
Cladonia evansii, 170
Cladonia psoromica, 97, 157, 166
Cladrastis kentukea, 109
Cleistesiopsis bifaria, 109
Cleistesiopsis divaricata, 109
Cleistesiopsis oricamporum, 109
Cleistocarpidium palustre, 81
Clematis catesbyana, 24
Clematis crispa, 156
Clematis occidentalis, 24, 170
Clematis occidentalis var. *occidentalis*, 24, 170
Clematis ochroleuca, 155
Clematis reticulata, 160
Clematis vinacea, 160
Clematis virginiana, 155
Clinopodium georgianum, 24
Coeloglossum viride var. *virescens*, 170
Coelorachis cylindrica, 170
Coelorachis rugosa, 109
Collinsia verna, 160
Collinsonia tuberosa, 24, 166
Collinsonia verticillata, 24, 166
Cololejeunea ornata, 91
Comptonia peregrina, 109, 155
Conioselinum chinense, 24
Convolvulus stans, 110, 169
Coptis trifolia, 24, 170
Coptis trifolia var. *groenlandica*, 170
Corallorhiza maculata var. *maculata*, 24
Corallorhiza odontorhiza, 110
Corallorhiza wisteriana, 25
Coreopsis aristulata, 25, 157, 166
Coreopsis delphiniifolia, 110
Coreopsis gladiata, 156
Coreopsis grandiflora var. *grandiflora*, 25
Coreopsis integrifolia, 160
Coreopsis latifolia, 110
Coreopsis palustris, 25
Coreopsis pubescens var. *robusta*, 110
Coreopsis rosea, 160
Cornus asperifolia, 170
Cornus canadensis, 170
Cornus racemosa, 170
Corydalis micrantha, 25
Coryphopteris simulata, 25, 172
Coscinodon cribrosus, 81
Crataegus aestivalis, 110
Crataegus coccinea, 25
Crataegus munda var. *munda*, 25
Crataegus oreophila, 110, 157
Crataegus pallens, 25, 166
Crataegus pexa, 110
Crataegus schuettei, 110
Crataegus senta, 25
Crataegus spathulata, 111
Crataegus succulenta, 170
Crataegus succulenta var. *succulenta*, 26, 170
Crinum americanum, 170
Crinum americanum var. *americanum*, 26, 170
Crocانthemum bicknellii, 26
Crocانthemum carolinianum, 26
Crocانthemum corymbosum, 26
Crocانthemum georgianum, 26
Crocانthemum nashii, 26
Crocانthemum propinquum, 26
Crocانthemum *rosmarinifolium*, 26
Croton monanthogynus, 26
Cryphaea nervosa, 82
Cryphaea ravenelii, 143
Cuscuta cephalanthi, 27
Cuscuta coryli, 27, 156
Cuthbertia rosea, 111
Cylindrocolea rhizantha, 92
Cynanchum laeve, 111
Cynodontium schisti, 143
Cyperus dentatus, 27
Cyperus distans, 111
Cyperus engelmannii, 111, 170
Cyperus granitophilus, 27
Cyperus houghtonii, 111
Cyperus hystricinus, 111
Cyperus lecontei, 27
Cyperus odoratus var. *engelmannii*, 170
Cyperus squarrosus, 111
Cyperus subsquarrosus, 27, 171
Cyperus surinamensis, 111
Cyperus tetragonus, 27
Cyperus virens, 27, 166
Cypripedium kentuckiense, 160
Cypripedium parviflorum, 158
Cypripedium parviflorum var. *parviflorum*, 27
Cypripedium reginae, 111
Cyrto-hypnum pygmaeum, 82
Cystopteris bulbifera, 111
Cystopteris fragilis, 27
Cystopteris tennesseeensis, 28
Cystopteris tenuis, 28
Dactylorhiza viridis, 28, 170
Dalea pinnata, 170
Dalea pinnata var. *pinnata*, 112, 170
Dalibarda repens, 28, 171
Danthonia epilis, 28
Dasistoma macrophylla, 160
Delphinium carolinianum ssp. *calciphilum*, 160
Delphinium exaltatum, 28, 166
Delphinium tricorne, 155
Dendrolycopodium dendroideum, 28
Dendrolycopodium hickeyi, 28
Dermisellum oulocheila, 152, 164
Deschampsia cespitosa ssp. *glauca*, 28
Desmodium cuspidatum var. *cuspidatum*, 112
Desmodium fernaldii, 29
Desmodium floridanum, 160
Desmodium ochroleucum, 29
Desmodium sessilifolium, 29
Diamorpha smallii, 112
Diarrhena americana, 29, 166
Dicentra cucullaria, 156

Dicentra eximia, 29
Dichantherium aciculare ssp. *neuranthum*, 170
Dichantherium annulum, 29, 166
Dichantherium bicknellii, 29
Dichantherium caeruleascens, 29, 166
Dichantherium cryptanthum, 29
Dichantherium curtifolium, 112, 164
Dichantherium dichotomum var. *roanokense*, 112
Dichantherium erectifolium, 112
Dichantherium fusiforme, 30
Dichantherium hirstii, 30
Dichantherium linearifolium, 112
Dichantherium malacon, 112
Dichantherium neuranthum, 30, 166, 170
Dichantherium oligosanthos var. *scribnerianum*, 112
Dichantherium ovale var. *ovale*, 112
Dichantherium spretum, 30, 166
Dichantherium strigosum var. *glabrescens*, 30, 166
Dichantherium webberianum, 113
Dichelyma capillaceum, 82
Dichodontium pellucidum, 82
Dicranella rufescens, 82
Dicranella varia, 82
Dicranum bonjeanii, 143
Dicranum fuscescens, 143
Dicranum spurium, 143
Dicranum undulatum, 82
Didiplis diandra, 30
Didymodon fallax, 82
Didymodon tophaceus, 82
Didymoglossum petersii, 30
Diervilla rivularis, 30
Dionaea muscipula, 30, 158, 166
Dioscorea floridana, 160
Diphasiastrum tristachyum, 156
Diphyscium mucronifolium, 144
Diplachne maritima, 30, 170
Diplophyllum andrewsii, 148
Diplophyllum apiculatum var. *taxifolioides*, 148
Diplophyllum obtusatum, 92
Diplophyllum taxifolium var. *mucronatum*, 92
Diplophyllum taxifolium var. *taxifolium*, 149
Dirca palustris, 113
Ditrichum ambiguum, 82
Ditrichum rhynchostegium, 83
Ditrysinia fruticosa, 31, 166
Draba ramosissima, 31, 166
Drepanolejeunea *appalachiana*, 92, 166
Drosera filiformis, 170
Drosera filiformis var. *filiformis*, 31, 170
Drosera rotundifolia, 155
Dryopteris carthusiana, 113
Dryopteris cristata, 113
Dryopteris goldiana, 113
Dryopteris intermedia, 156
Dryopteris ludoviciana, 113
Dumortiera hirsuta ssp. *nepalensis*, 149
Duravia sp. 2, 113, 171
Dyschoriste humistrata, 160
Dyschoriste oblongifolia, 160
Echinacea laevigata, 31
Echinacea pallida, 31
Echinacea purpurea, 31, 166
Echinocystis lobata, 113
Echinodorus tenellum, 170
Elatine americana, 113
Elatine minima, 114
Eleocharis atropurpurea, 31
Eleocharis cellulosa, 31, 166
Eleocharis elongata, 31
Eleocharis engelmannii, 114
Eleocharis equisetoides, 114
Eleocharis erythropoda, 114
Eleocharis fallax, 31
Eleocharis halophila, 170
Eleocharis microcarpa var. *filiculmis*, 156
Eleocharis montevidensis, 32
Eleocharis palustris, 114
Eleocharis parvula, 32, 166
Eleocharis robbinsii, 32
Eleocharis rostellata, 32
Eleocharis tricostata, 114
Eleocharis uniglumis, 32, 170
Eleocharis vivipara, 32, 166
Eleocharis wolfii, 32
Elephantopus elatus, 160
Ellisia nyctelea, 160
Elodea canadensis, 114
Elodea nuttallii, 114
Elodium paludosum, 144, 170
Elymus canadensis var. *canadensis*, 114
Elymus halophilus, 32, 166, 170
Elymus riparius, 114
Elymus trachycaulus ssp. *trachycaulus*, 32
Elymus virginicus var. *halophilus*, 170
Elytraria caroliniensis var. *caroliniensis*, 160
Encalypta procera, 83
Endodeca serpentaria, 158
Enemion biternatum, 32
Entodon compressus, 83
Entodon concinnus, 83
Entodon sullivantii, 83
Entosthodon drummondii, 144
Ephebe americana, 97
Ephebe lanata, 97
Ephebe solida, 152
Ephemerum cohaerens, 83
Ephemerum spinulosum, 144
Epidendrum conopseum, 33, 170
Epidendrum magnoliae, 170
Epilobium ciliatum ssp. *ciliatum*, 33
Epilobium leptophyllum, 115
Equisetum fluviatile, 160
Equisetum sylvaticum, 160
Eragrostis frankii, 115
Eragrostis lugens, 115
Erigenia bulbosa, 33, 166
Eriocaulon aquaticum, 33
Eriocaulon compressum, 156
Eriocaulon decangulare var. *decangulare*, 156
Eriocaulon parkeri, 33
Eriocaulon ravenelii, 160
Eriocaulon texense, 33

Eriogonum tomentosum, 33
Eriophorum virginicum, 115
Eryngium aquaticum var.
ravenelii, 33
Eryngium integrifolium, 156
Eryngium yuccifolium var.
synchaetum, 115
Erythrina herbacea, 33
Erythronium americanum
ssp. harperi, 160
Eucladium verticillatum, 83
Euonymus atropurpureus,
115, 170
Euonymus atropurpureus var.
atropurpureus, 170
Eupatorium altissimum, 115
Eupatorium anomalum, 115,
164
Eupatorium godfreyanum,
115
Eupatorium leptophyllum, 33
Eupatorium paludicola, 33,
166
Eupatorium recurvans, 116
Eupatorium resinosum, 34
Eupatorium saltuense, 34
Eupatorium scabridum, 160
Eupatorium sessilifolium var.
brittonianum, 116
Euphorbia bombensis, 34
Euphorbia commutata, 34
Euphorbia cordifolia, 34
Euphorbia mercurialina, 34
Euphorbia purpurea, 34
Eurybia avita, 116
Eurybia mirabilis, 34
Eurybia spectabilis, 34
Eurybia surculosa, 116
Eustachys glauca, 34
Euthamia graminifolia var.
nuttallii, 165
Eutrochium maculatum var.
maculatum, 116
Fabronia ciliaris var.
polycarpa, 144
Fallopia cristata, 116
Fellhanera erinae, 157
Fellhanera erinae, 152
Fellhanera hybrida, 152
Fellhanera montesumosi,
152, 157
Filipendula rubra, 35
Fimbristylis perpusilla, 35
Fimbristylis vahlii, 35, 164
Fissidens adianthoides, 144
Fissidens amoenus, 83, 170
Fissidens appalachensis, 144
Fissidens asplenoides, 83
Fissidens elegans, 144
Fissidens exilis, 144
Fissidens fontanus, 145
Fissidens hallianus, 83
Fissidens hallii, 170
Fissidens polypodioides, 145
Fissidens scalaris, 83
Fleischmannia incarnata, 35,
170
Fleishmannia incarnata, 166,
170
Floerkea proserpinacoides,
160
Fontinalis flaccida, 145
Fontinalis sphagnifolia, 84
Fontinalis sullivanii, 145
Fontinalis welchiana, 84
Fothergilla major, 35
Fragaria americana, 35, 164,
170
Fragaria vesca var.
americana, 170
Frangula caroliniana, 116
Frasera caroliniensis, 35
Frullania appalachiana, 92
Frullania donnellii, 92
Frullania oakesiana, 149
Frullania plana, 149
Funaria serrata, 145
Fuscocephaloziopsis
connivens var. *bifida*, 92,
170
Fuscocephaloziopsis
macrostachya ssp.
australis, 149, 170
Fuscocephaloziopsis
pleniceps var. *caroliniana*,
92, 170
Gaillardia aestivalis var.
aestivalis, 35
Galactia elliotii, 160
Galactia minor, 116
Galactia mollis, 35
Galax urceolata, 158
Galium asprellum, 116
Galium boreale, 160
Galium concinnum, 160
Galium lanceolatum, 116
Gaylussacia bigeloviana, 117
Gaylussacia brachycera, 35
Gaylussacia dumosa, 156
Gaylussacia mosieri, 160
Gaylussacia nana, 36
Gaylussacia orocola, 36,
157, 166
Gelsemium rankinii, 36
Gentiana alba, 36, 166
Gentiana austromontana, 117
Gentiana clausa, 117
Gentiana latidens, 36, 157,
167
Gentianopsis crinita, 36, 167
Geum aleppicum, 36
Geum fragarioides, 170
Geum geniculatum, 36
Geum laciniatum, 36
Geum lobatum, 170
Geum radiatum, 36
Gillenia stipulata, 37
Glandularia canadensis, 117
Gleditsia aquatica, 160
Glyceria acutiflora, 160
Glyceria grandis, 161
Glyceria laxa, 37, 167
Glyceria nubigena, 37
Goodyera repens, 117
Graphis sterlingiana, 152,
157
Gratiola amphiantha, 161
Gratiola aurea, 170
Gratiola lutea, 37, 170
Gratiola ramosa, 37
Grimmia longirostris, 84
Grimmia olneyi, 145
Gyalectidium
appendiculatum, 152
Gymnocarpium
appalachianum, 37
Gymnoderma lineare, 97
Habenaria quinqueseta, 161
Habenaria repens, 117
Hackelia virginiana, 37
Harperella nodosa, 37, 171
Helianthemum tenellum, 37, 170
Helenium brevifolium, 37
Helenium pinnatifidum, 38
Helenium vernale, 38
Helianthus floridanus, 38
Helianthus laevigatus, 38
Helianthus occidentalis ssp.
occidentalis, 38

Helianthus schweinitzii, 38
Heliotropium curassavicum
var. *curassavicum*, 38
Helodium paludosum, 170
Helonias bullata, 38
Hemianthus
micranthemoides, 161
Herpetineuron toccocae, 145
Herzogiella turfacea, 84
Heteranthera dubia, 117
Heteranthera multiflora, 170
Heteranthera pauciflora, 38,
170
Heteranthera reniformis, 117
Heterodermia appalachensis,
97
Heterodermia erecta, 152
Heterodermia
pseudospeciosa, 153
Heuchera caroliniana, 117
Heuchera hispida, 38
Heuchera longiflora, 118
Heuchera parviflora, 157
Heuchera parviflora var.
parviflora, 118
Heuchera parviflora var.
saurensis, 118, 157
Heuchera pubescens, 39
Hexalectris spicata, 39
Hexastylis contracta, 39
Hexastylis lewisii, 118
Hexastylis naniflora, 39
Hexastylis rhombiformis, 39
Hexastylis rosei, 39, 157
Hexastylis sp. 1, 118, 157,
164
Hexastylis sp. 3, 39
Hibiscus aculeatus, 39
Hierochloe hirta, 39, 169
Homalia trichomanoides, 84
Homaliadelphus sharpii, 84
Honckenya peploides ssp
robusta, 161
Hottonia inflata, 39, 167
Houstonia canadensis, 161
Houstonia lanceolata, 39,
164, 170
Houstonia longifolia var.
glabra, 118
Houstonia montana, 40
Houstonia procumbens, 40
Houstonia purpurea var.
calycosa, 170
Hudsonia ericoides, 161
Hudsonia montana, 40, 157
Hudsonia tomentosa, 40, 43
Humulus lupulus var.
lupuloides, 118
Humulus lupulus var.
pubescens, 118
Huperzia appressa, 118
Huperzia porophila, 40
Hydrangea cinerea, 118
Hydrastis canadensis, 40,
158, 167
Hydrolea corymbosa, 161
Hydrophyllum canadense,
156
Hydrophyllum macrophyllum,
119
Hydrophyllum virginianum,
156
Hygroamblystegium
fluviatile, 145
Hygrohypnum closteri, 84
Hylacomiastrum umbratum,
84
Hymenocallis occidentalis,
40, 170
Hymenocallis occidentalis
var. *occidentalis*, 40, 170
Hymenocallis pygmaea, 40,
167
Hymenophyllum tayloriae, 40
Hypericum adpressum, 40
Hypericum brachyphyllum,
41
Hypericum buckleyi, 119
Hypericum ellipticum, 119
Hypericum fasciculatum, 41
Hypericum fraseri, 170
Hypericum graveolens, 119
Hypericum harperi, 161
Hypericum mitchellianum,
119
Hypericum radfordiorum, 41,
157, 167
Hypericum suffruticosum, 41
Hypericum tubulosum, 170
Hypericum virginicum, 156
Hypnum fauriei, 145
Hypnum plicatulum, 146
Hypnum pratense, 84
Hypotrachyna sinuosa, 97
Hypotrachyna virginica, 97,
167
Hypoxis juncea, 41
Hypoxis rigida, 41
Hypoxis sessilis, 41
Ilex amelanchier, 119
Ilex cassine, 119
Ilex collina, 41
Ilex longipes, 41
Ipomoea brasiliensis, 119
Ipomoea imperati, 41, 167
Ipomoea macrorrhiza, 41, 167
Ipomopsis rubra, 119
Iresine rhizomatosa, 119
Iris prismatica, 42
Isoetes hyemalis, 120
Isoetes lacustris, 161
Isoetes microvela, 42, 157
Isoetes piedmontana, 42, 167
Isoetes virginica, 42
Isolepis carinata, 42
Isotria medeoloides, 42
Isotria verticillata, 120
Iva microcephala, 42
Jeffersonia diphylla, 42
Juglans cinerea, 120
Juncus articulatus, 42, 167
Juncus brachycarpus, 120
Juncus brachycephalus, 161
Juncus brevicaudatus, 120
Juncus caesariensis, 42
Juncus dudleyi, 42
Juncus georgianus, 120
Juncus gerardii, 161
Juncus longii, 120
Juncus militaris, 43
Juncus secundus, 120
Juncus torreyi, 121
Juniperus communis var.
depressa, 43, 167
Kalmia angustifolia, 43
Kalmia buxifolia, 155
Kalmia carolina, 156
Kalmia cuneata, 121
Kalmia hirsuta, 161
Koeleria spicata ssp. *spicata*,
43, 172
Krigia biflora ssp. *biflora*,
121, 170
Krigia biflora var. *biflora*,
170
Lachnocaulon anceps, 156
Lachnocaulon minus, 43
Lathyrus japonicus var.
maritimus, 121

Lathyrus palustris, 43
Lathyrus pusillus, 164, 165
Lathyrus venosus, 121
Lecanora anakeestiicola, 97, 164
Lecanora masana, 153, 164
Lechea maritima var. *virginica*, 43, 167
Lechea torreyi, 170
Lechea torreyi var. *congesta*, 43, 170
Leersia lenticularis, 43
Lejeunea bermudiana, 92
Lejeunea blomquistii, 92
Lejeunea cavifolia, 93
Lejeunea dimorphophylla, 170
Lejeunea glaucescens var. *acrogyna*, 93, 157
Leptochloa fascicularis var. *maritima*, 170
Leptodontium excelsum, 84
Leptodontium flexifolium, 85
Leptohymenium sharpii, 85
Leptoscyphus cuneifolius, 93
Leskea australis, 146
Leskeella nervosa, 85
Lespedeza angustifolia, 156
Lespedeza frutescens, 121
Leucodon andrewsianus, 146
Leucospora multifida, 121
Liatris aspera, 43, 167
Liatris gracilis, 161
Liatris helleri, 43, 157, 158
Liatris microcephala, 44
Liatris scariosa, 121, 170
Liatris scariosa var. *scariosa*, 170
Liatris secunda, 121
Liatris squarrulosa, 44
Liatris tenuifolia, 161
Liatris turgida, 44
Lilaeopsis carolinensis, 44
Lilium canadense, 44, 171
Lilium canadense var. *canadense*, 171
Lilium grayi, 44
Lilium philadelphicum var. *philadelphicum*, 44
Lilium pyrophilum, 44, 158
Lilium sp. 1, 165
Limosella australis, 44
Lindbergia brachyptera, 85
Lindera melissifolia, 44
Lindera subcoriacea, 45, 167
Lindernia monticola, 122
Linnaea borealis var. *americana*, 161
Linum floridanum var. *chrysocarpum*, 45
Linum sulcatum, 45
Liparis loeselii, 45
Lipocarpha micrantha, 171
Listera australis, 171
Lithospermum canescens, 45
Lithospermum caroliniense, 161
Lithospermum virginianum, 122
Litsea aestivalis, 45
Lobaria scrobiculata, 98
Lobelia batsonii, 122, 171
Lobelia boykinii, 45
Lobelia sp. 1, 171
Lonicera canadensis, 45
Lonicera flava, 122
Lophiola aurea, 45
Lophocolea appalachiana, 93, 170
Lophocolea muricata, 93, 170
Lopholejeunea muelleriana, 171
Lopholejeunea nigricans, 93, 171
Lophozia capitata, 171
Lophozia excisa, 171
Lophozia heterocolpos, 171
Lophoziosis excisa, 93, 171
Ludwigia alata, 45
Ludwigia brevipes, 46
Ludwigia lanceolata, 46
Ludwigia linifolia, 46
Ludwigia maritima, 122
Ludwigia ravenii, 46, 167
Ludwigia spathulata, 161
Ludwigia sphaerocarpa, 46
Ludwigia suffruticosa, 46
Lupinus villosus, 46, 167
Luziola fluitans var. *fluitans*, 46
Luzula multiflora var. *multiflora*, 122
Lycopodiella inundata, 46, 167
Lycopodiella prostrata, 122
Lycopus amplexans, 122
Lycopus angustifolius, 46
Lysimachia asperulifolia, 47
Lysimachia borealis, 75, 167, 172
Lysimachia fraseri, 47
Lysimachia hybrida, 171
Lysimachia loomisii, 122
Lysimachia tonsa, 171
Lythrum lanceolatum, 47
Macbridea caroliniana, 47
Macrocoma sullivantii, 85
Magnolia acuminata var. *subcordata*, 122
Magnolia grandiflora, 123
Magnolia macrophylla, 47, 167
Magnolia pyramidata, 161
Magnolia tripetala, 155
Magnolia virginiana var. *virginiana*, 156
Maianthemum stellatum, 161
Malaxis bayardii, 47
Malaxis spicata, 47
Manfreda virginica, 171
Mannia californica, 93
Mannia triandra, 149
Marshallia grandiflora, 47
Marshallia legrandii, 47, 167
Marshallia trinervia, 47
Marsupella emarginata ssp. *emarginata*, 149, 171
Marsupella emarginata var. *latiloba*, 171
Marsupella funckii, 93
Matelea decipiens, 123, 164, 165
Matelea flavidula, 123
Matelea obliqua, 48
Meehania cordata, 48
Melanelia stygia, 98
Melanthium woodii, 48, 172
Melica nitens, 48
Menyanthes trifoliata, 48
Mertensia virginica, 123
Mesoptychia heterocolpos, 93, 171
Metzgeria consanguinea, 94, 171
Metzgeria furcata var. *setigera*, 171
Metzgeria pubescens, 149
Metzgeria setigera, 149, 171

Metzgeria temperata, 171
Metzgeria uncigera, 149
Metzgeria violacea, 94
Micareopsis irriguata, 153
Micranthes careyana, 123
Micranthes caroliniana, 48
Micranthes micranthidifolia, 156
Micranthes pensylvanica, 48
Microlejeunea epiphylla, 94, 170
Micromitrium megalosporum, 146
Micromitrium synoicum, 85
Micropolypodium nimbatum, 171
Milium effusum var. *cisatlanticum*, 48
Minuartia godfreyi, 171
Minuartia groenlandica, 171
Minuartia uniflora, 171
Mnesithea cylindrica, 48, 170
Monarda austroappalachiana, 123
Monarda media, 48
Monarda punctata var. *arkansana*, 123
Mononeuria cumberlandensis, 161
Mononeuria groenlandica, 49, 171
Mononeuria paludicola, 49, 171
Mononeuria patula, 161
Mononeuria uniflora, 49, 171
Monotropis odorata, 49, 167
Moranopteris nimbata, 49, 171
Morella caroliniensis, 156
Muhlenbergia glabriflora, 171
Muhlenbergia glabrifloris, 123, 171
Muhlenbergia glomerata, 49
Muhlenbergia mexicana, 123
Muhlenbergia sobolifera, 49, 167
Muhlenbergia sylvatica, 123
Muhlenbergia torreyana, 49
Mylia taylorii, 94
Myrica gale, 49
Myriophyllum laxum, 49
Myriophyllum pinnatum, 50
Myriophyllum tenellum, 50
Myriopteris alabamensis, 50
Myriopteris rufa, 161
Nabalus albus, 50, 167
Nabalus roanensis, 124
Najas gracillima, 124
Nanopanax trifolius, 124, 171
Nardia scalaris ssp. *botryoidea*, 94
Nardia scalaris ssp. *scalaris*, 94
Narthecium montanum, 50, 157
Neckera complanata, 85
Nelumbo lutea, 124
Neoorthocaulis attenuatus, 150, 169
Neottia bifolia, 124, 171
Neottia cordata, 50, 164
Nolina georgiana, 161
Nothoceros aenigmaticus, 151
Notothylas orbicularis var. *pseudotemperata*, 151
Nuphar sagittifolia, 124
Nymphoides cordata, 124
Ochrolechia yasudae, 153
Oenothera filipes, 161
Oenothera fruticosa var. *unguiculata*, 171
Oenothera perennis, 50
Oenothera riparia, 50
Oenothera unguiculata, 50, 164, 171
Oldenlandia boscii, 50, 167
Oligoneuron album, 50, 172
Oligoneuron jacksonii, 51, 172
Oligoneuron rigidum, 51, 172
Opegrapha moroziana, 153
Ophioglossum crotalophoroides, 124
Ophioglossum engelmannii, 161
Ophioglossum nudicaule, 125
Ophioglossum petiolatum, 125
Ophioglossum pusillum, 161
Oplismenus setarius, 51
Opuntia stricta var. *dillenii*, 161
Opuntia stricta var. *stricta*, 161
Orbexilum lupinellum, 171
Orbexilum lupinellus, 125, 171
Orbexilum macrophyllum, 51, 157
Orbexilum onobrychis, 51
Orbexilum pedunculatum, 51, 167, 171
Orbexilum pedunculatum var. *pedunculatum*, 171
Oreojuncus trifidus, 51, 167
Orontium aquaticum, 156
Orthochilus ecristatus, 51, 167
Orthodontium pellucens, 85
Orthotrichum exiguum, 85
Orthotrichum keeverae, 85
Orthotrichum obtusifolium, 85
Orthotrichum strangulatum, 86
Oxalis macrantha, 51
Oxypolia canbyi, 74
Oxypolis canbyi, 171
Oxyrrhynchium pringlei, 86
Pachysandra procumbens, 51
Packera crawfordii, 52, 167
Packera millefolium, 52, 167
Packera paupercula var. *appalachiana*, 52
Packera paupercula var. *paupercula*, 52, 167
Packera schweinitziana, 52
Packera serpenticola, 52, 157, 167
Palamocladium leskeoides, 86
Palustricodon aparinoides var. *aparinoides*, 52, 167, 169
Panax quinquefolius, 125, 158
Panax trifolius, 171
Panicum dichotomiflorum var. *puritanorum*, 52
Panicum flexile, 52
Panicum lithophilum, 171
Panicum philadelphicum ssp. *lithophilum*, 52, 171
Panicum tenerum, 125
Pannaria conoplea, 98
Parietaria floridana, 125
Parietaria pensylvanica, 125

Parietaria praetermissa, 53, 167
Parnassia caroliniana, 53
Parnassia grandifolia, 53
Paronychia argyrocoma, 156
Paronychia fastigiata var. *fastigiata*, 125
Paronychia herniarioides, 53
Paronychia montana, 125
Paronychia virginica var. *virginica*, 161
Parthenium auriculatum, 53
Parthenium integrifolium var. *mabryanum*, 126
Parthenocissus inserta, 53, 171
Parthenocissus vitacea, 171
Paspalum bifidum, 126
Paspalum dissectum, 53
Paspalum fluitans, 53
Paspalum plicatulum, 161
Paspalum praecox, 126
Paspalum pubiflorum var. *glabrum*, 126
Paspalum vaginatum, 53
Patis racemosa, 162
Paxistima canbyi, 126
Pedicularis lanceolata, 54
Pediomelum canescens, 126
Pellaea atropurpurea, 126, 155
Pellaea glabella ssp. *glabella*, 162
Pellaea wrightiana, 54
Pellia appalachiana, 150
Peltandra sagittifolia, 54
Peltigera hydrothyria, 153
Persea borbonia, 126
Persicaria amphibia, 54
Persicaria densiflora, 126, 171
Persicaria glabra, 171
Persicaria hirsuta, 54
Pertusaria andersonii, 153
Pertusaria appalachensis, 153
Phacelia covillei, 54
Phacelia maculata, 54
Phalaris arundinacea, 156
Phanopyrum gymnocarpon, 54
Phaseolus sinuatus, 127
Phegopteris connectilis, 54
Phemeranthus piedmontanus, 54, 167
Philadelphus hirsutus, 127
Philadelphus inodorus, 127
Philonotis cernua, 86
Philonotis longiseta, 146
Philonotis marchica, 146
Philonotis uncinata, 86
Phlox amplifolia, 127
Phlox divaricata, 171
Phlox divaricata var. *divaricata*, 127, 171
Phlox subulata, 55
Phragmites americanus, 127
Physalis lanceolata, 127
Physcia pseudospeciosa, 98
Phytolacca rigida, 127
Pieris floribunda, 127, 156
Pieris phillyreifolia, 162
Pilosium chlorophyllum, 86
Pilularia americana, 162
Pinguicula caerulea, 155
Pinguicula lutea, 55, 167
Pinguicula pumila, 55, 167
Pinus glabra, 162
Pinus strobus, 156
Piriqueta caroliniana, 128, 171
Piriqueta caroliniana var. *caroliniana*, 171
Pityopsis graminifolia, 55, 171
Pityopsis graminifolia var. *graminifolia*, 171
Pityopsis ruthii, 162
Plagiochasma intermedium, 94
Plagiochasma wrightii, 94
Plagiochila austinii, 94
Plagiochila caduciloba, 150
Plagiochila columbiana, 150
Plagiochila corniculata, 171
Plagiochila dubia, 171
Plagiochila echinata, 94
Plagiochila exigua, 95, 171
Plagiochila ludoviciana, 171
Plagiochila miradorensis var. *miradorensis*, 95
Plagiochila patula, 95, 171
Plagiochila raddiana, 95, 171
Plagiochila retrorsa, 150
Plagiochila sullivantii, 95
Plagiochila undata, 150
Plagiochila virginica var. *caroliniana*, 95
Plagiochila virginica var. *eurphylla*, 150
Plagiochila virginica var. *virginica*, 95
Plagiomnium carolinianum, 86
Plagiomnium ellipticum, 86
Plagiomnium rostratum, 86
Plantago cordata, 55
Plantago maritima, 162
Plantago sparsiflora, 55
Platanthera blephariglottis, 128
Platanthera cristata, 156
Platanthera flava var. *flava*, 156
Platanthera flava var. *herbiola*, 171
Platanthera grandiflora, 55, 167
Platanthera herbiola, 55, 167, 171
Platanthera integra, 55, 167
Platanthera integrilabia, 55, 168
Platanthera lacera, 155
Platanthera leucophaea, 162
Platanthera nivea, 56, 168
Platanthera peramoena, 56
Platanthera shriveri, 56, 168
Platismatia glauca, 153
Platydictya confervoides, 86
Platydictya subtilis, 146
Platyhypnidium riparioides, 86
Pleea tenuifolia, 155
Pleuridium sullivantii, 87
Pleurochaete luteola, 87
Poa paludigena, 56
Poa palustris, 56
Poa saltuensis, 56
Pogonatum dentatum, 87
Pogonia ophioglossoides, 155, 156
Pohlia lescuriana, 87
Pohlia longicolla, 146, 171
Pohlia longicollis, 171
Pohlia melanodon, 87
Pohlia rabunbaldensis, 146
Polemonium reptans var. *reptans*, 56

Polygala hookeri, 56
Polygala nana, 56
Polygala senega, 56, 168
Polygonella americana, 128
Polygonella articulata, 57
Polygonum erectum, 128
Polygonum glaucum, 57
Polygonum pinicola, 128
Polygonum prolificum, 128
Polygonum tenue, 171
Polymnia canadensis, 128
Polytrichastrum alpinum, 87
Polytrichastrum
appalachianum, 146, 171
Polytrichum appalachianum,
171
Ponthieva racemosa, 57
Populus grandidentata, 128
Porella japonica ssp.
appalachiana, 165
Porella wataugensis, 95
Porpidia cinereoatra, 153
Porpidia contraponenda, 98
Porpidia macrocarpa, 153
Porpidia tuberculosa, 154
Portulaca smallii, 57
Potamogeton amplifolius, 57
Potamogeton confervoides,
57
Potamogeton foliosus var.
foliosus, 128
Potamogeton illinoensis, 57,
168
Potamogeton natans, 57
Potamogeton nodosus, 57
Potamogeton tennesseeensis,
162
Primula meadia, 57, 168
Prunus alleghaniensis var.
alleghaniensis, 58
Prunus nigra, 128
Prunus susquehanae, 58
Prunus umbellata, 129
Prunus virginiana var.
virginiana, 129
Pseudognaphalium helleri,
58, 168
Pseudognaphalium
micradenium, 58
Pseudotaenidia montana, 162
Psilotum nudum, 129
Pterigynandrum filiforme,
147
Ptilidium ciliare, 95
Ptilidium pulcherrimum, 150
Ptilimnium ahlesii, 58
Ptilimnium costatum, 58
Ptilimnium nodosum, 171
Ptilimnium nodosum, 37
Punctelia reddenda, 154
Pycnanthemum
clinopodioides, 129
Pycnanthemum curvipes, 58
Pycnanthemum flexuosum,
156
Pycnanthemum setosum, 58
Pycnanthemum torreyi, 58
Pycnanthemum virginianum,
58
Pylaisia polyantha, 147, 171
Pylaisiella polyantha, 171
Pyrola americana, 129
Pyrola chlorantha, 162
Pyrola elliptica, 59, 168
Pyrola secunda, 162
Pyxidantha barbulate var.
brevifolia, 59
Pyxidantha brevifolia, 168
Quercus austrina, 59
Quercus bicolor, 129
Quercus elliotii, 59, 168
Quercus georgiana, 59
Quercus ilicifolia, 59
Quercus minima, 59, 168
Quercus muehlenbergii, 129
Quercus oglethorpensis, 162
Quercus palustris, 129
Quercus prinoides, 59
Quercus similis, 162
Quercus sinuata, 162
Quercus sinuata var. *sinuata*,
162
Racomitrium aciculare, 87
Radula sullivanii, 150
Radula tenax, 150
Radula voluta, 95
Ranunculus allegheniensis,
129
Ranunculus ambigens, 59
Ranunculus fascicularis, 59
Ranunculus flabellaris, 60,
168
Ranunculus hederaceus, 60,
168
Ranunculus hispidus, 155
Ranunculus laxicaulis, 129
Ranunculus micranthus, 60
Ratibida pinnata, 162
Rauivella scita, 147
Reboulia hemisphaerica ssp.
dioica, 151
Rhabdoweisia crenulata, 87
Rhachithecium perpusillum,
87
Rhamnus lanceolata, 162
Rhexia aristosa, 60
Rhexia cubensis, 130
Rhodiola rosea, 60
Rhododendron catawbiense,
155, 156
Rhododendron
cumberlandense, 60
Rhododendron eastmanii,
162
Rhododendron minus, 155
Rhododendron prinophyllum,
60
Rhododendron vaseyi, 60,
157
Rhus michauxii, 60
Rhynchospora alba, 60
Rhynchospora careyana, 130
Rhynchospora cephalantha
var. *attenuata*, 130
Rhynchospora
chalarocephala, 156
Rhynchospora crinipes, 61
Rhynchospora decurrens, 61
Rhynchospora divergens, 61
Rhynchospora galeana, 61
Rhynchospora gracilentia,
156
Rhynchospora harperi, 61
Rhynchospora inundata, 130
Rhynchospora leptocarpa,
130
Rhynchospora macra, 61
Rhynchospora microcarpa,
61, 168
Rhynchospora nitens, 130
Rhynchospora odorata, 61
Rhynchospora oligantha, 130
Rhynchospora pallida, 130
Rhynchospora pinetorum, 61
Rhynchospora pleiantha, 61
Rhynchospora saxicola, 162
Rhynchospora scirpoides,
130
Rhynchospora sp. 2, 131, 157

Rhynchospora stenophylla, 131
Rhynchospora thornei, 61
Rhynchospora tracyi, 62
Rhynchospora wrightiana, 131
Rhytidadelphus subpinnatus, 87
Rhytidium rugosum, 87
Ribes americanum, 162
Ribes echinellum, 162
Ribes lacustre, 162
Riccardia jugata, 96
Riccia beyrichiana, 151
Ricciocarpos natans, 151
Rinodina brodoana, 98, 164
Robinia hartwigii, 62
Robinia hispida var. *fertilis*, 62
Robinia hispida var. *kelseyi*, 62
Robinia hispida var. *rosea*, 131
Robinia viscosa, 62
Rockfelleria crossophylla, 98, 164
Rorippa aquatica, 162
Rosa virginiana, 62
Rosulabryum andersonii, 88, 169
Rubus dalibarda, 171
Rubus idaeus ssp. *strigosus*, 171
Rubus repens, 171
Rubus setosus, 131
Rubus strigosus, 62, 171
Rudbeckia heliopsidis, 62
Rudbeckia laciniata var. *humilis*, 131
Rudbeckia triloba var. *beadlei*, 62
Rudbeckia triloba var. *rupestris*, 131
Ruellia ciliosa, 62, 171
Ruellia ciliosa var. *ciliosa*, 171
Ruellia humilis, 62, 168
Ruellia purshiana, 63
Ruellia strepens, 63
Rugelia nudicaulis, 63
Rumex altissimus, 131
Sabal palmetto, 63
Sabatia brachiata, 156
Sabatia brevifolia, 162
Sabatia campestris, 165
Sabatia capitata, 131
Sabatia decandra, 162
Sabatia dodecandra, 131
Sabatia kennedyana, 63
Sabatia quadrangula, 132
Sageretia minutiflora, 63
Sagina procumbens, 132
Sagittaria chapmanii, 63, 168
Sagittaria engelmanniana, 132
Sagittaria fasciculata, 63
Sagittaria filiformis, 63
Sagittaria isoetiformis, 63
Sagittaria macrocarpa, 64
Sagittaria platyphylla, 132
Sagittaria rigida, 162
Sagittaria spatulata, 64, 164, 169
Sagittaria weatherbiana, 64
Salix humilis, 156
Salvia azurea var. *azurea*, 64
Sanguinaria canadensis, 158
Sarracenia flava, 156, 158
Sarracenia jonesii, 64, 158
Sarracenia minor var. *minor*, 64, 158
Sarracenia oreophila, 64, 158
Sarracenia purpurea var. *montana*, 64, 158, 168
Sarracenia purpurea var. *venosa*, 156, 158
Sarracenia rubra ssp. *rubra*, 158
Scapania mucronata, 96
Sceptridium jenmanii, 64
Sceptridium lunarioides, 64
Sceptridium multifidum, 65
Sceptridium oneidense, 65
Schisandra glabra, 65
Schizachne purpurascens, 162
Schizachyrium littorale, 132
Schlotheimia lancifolia, 88
Schoenolirion croceum, 132
Schoenoplectus acutus, 171
Schoenoplectus acutus var. *acutus*, 65, 171
Schoenoplectus americanus, 132
Schoenoplectus californicus, 132
Schoenoplectus
etuberculatus, 65
Schoenoplectus pungens var. *pungens*, 156
Schoenoplectus subterminalis, 132
Schwalbea americana, 65
Scirpus ancistrochaetus, 162
Scirpus divaricatus, 65
Scirpus flaccidifolius, 65
Scirpus lineatus, 65
Scirpus pendulus, 65
Sciuro-hypnum plumosum, 147, 169
Sciuro-hypnum populeum, 88, 169
Scleria baldwinii, 66
Scleria bellii, 66, 157, 168
Scleria georgiana, 132
Scleria reticularis, 66, 168
Scleria verticillata, 66
Sclerolepis uniflora, 66, 168
Scopelophila cataractae, 88
Scopelophila ligulata, 88
Scrophularia lanceolata, 66
Scutellaria australis, 66
Scutellaria galericulata, 66
Scutellaria incana var. *australis*, 133, 171
Scutellaria leonardii, 66
Scutellaria mellichampii, 171
Scutellaria montana, 162
Scutellaria nervosa, 66
Scutellaria ovata ssp. *bracteata*, 133
Scutellaria ovata ssp. *ovata* var. *ovata*, 133
Scutellaria ovata ssp. *rugosa*, 133
Scutellaria ovata ssp. *rugosa* var. 1, 171
Scutellaria ovata var. *rugosa*, 67, 171
Scutellaria parvula, 162
Scutellaria saxatilis, 67
Scutellaria serrata, 133
Sedum glaucophyllum, 67
Sedum nevii, 162
Sedum pusillum, 67
Senecio suaveolens, 67, 168
Senna hebecarpa, 133
Sesuvium maritimum, 67, 168
Sesuvium portulacastrum, 67, 168

Seymeria pectinata, 171
Seymeria pectinata ssp.
pectinata, 67, 171
Shortia brevistyla, 67, 158,
168, 172
Shortia galacifolia, 67, 157,
158, 172
Shortia galacifolia var.
brevistyla, 172
Shortia galacifolia var.
galacifolia, 172
Sida elliottii var. *elliottii*, 67
Sideroxylon lycioides, 133
Sideroxylon tenax, 68
Silene caroliniana var.
caroliniana, 133
Silene caroliniana var.
pennsylvanica, 133
Silene ovata, 68
Silphium connatum, 68
Silphium perfoliatum, 68, 168
Silphium terebinthinaceum,
68
Sisyrinchium dichotomum, 68
Sisyrinchium montanum, 164
Sisyrinchium montanum var.
cerebrum, 134
Sisyrinchium montanum var.
montanum, 134, 164
Sium suave, 156
Smilax hugeri, 68
Smilax lasioneura, 68
Smilax laurifolia, 156
Smilax pseudochina, 134
Smilax pumila, 162
Solanum pseudogracile, 68
Solidago aestivalis, 134, 172
Solidago arguta var. *arguta*,
134
Solidago gracillima, 134
Solidago hispida, 162
Solidago lancifolia, 134
Solidago leavenworthii, 68,
168
Solidago patula var.
strictula, 172
Solidago plumosa, 69, 157
Solidago ptarmicoides, 172
Solidago puberula, 134, 172
Solidago puberula var.
puberula, 172
Solidago pulchra, 134
Solidago radula, 69
Solidago rigida var.
glabrata, 172
Solidago rigida var. *rigida*,
172
Solidago rugosa var.
sphagnophila, 172
Solidago salicina, 134, 172
Solidago simulans, 69
Solidago spithamaea, 69
Solidago squarrosa, 69
Solidago tarda, 135
Solidago tortifolia, 69
Solidago uliginosa var.
uliginosa, 69
Solidago ulmifolia, 172
Solidago ulmifolia var.
ulmifolia, 69, 172
Solidago verna, 69, 168
Solidago villosicarpa, 69,
157, 168
Sparganium acaule, 70, 168,
172
Sparganium androcladum,
162
Sparganium emersum, 172
Sparganium eurycarpum, 162
Spartina pectinata, 70, 168
Spergularia marina, 135, 172
Spergularia salina, 172
Sphagnum angustifolium, 88
Sphagnum capillifolium, 88
Sphagnum contortum, 88
Sphagnum cribrosum, 147
Sphagnum cuspidatum, 156
Sphagnum fallax, 88
Sphagnum fitzgeraldii, 147
Sphagnum flexuosum, 88
Sphagnum fuscum, 88
Sphagnum henryense, 147
Sphagnum pylaesii, 89
Sphagnum russowii, 89
Sphagnum squarrosus, 89
Sphagnum strictum, 156
Sphagnum subsecundum, 89
Sphagnum subtile, 147
Sphagnum tenellum, 89
Sphagnum tenerum, 156
Sphagnum torreyanum, 89
Sphagnum warnstorffii, 89,
168
Sphenolobopsis pearsonii, 96
Sphenolobus saxicola, 96,
169
Sphenopholis intermedia, 135
Spigelia marilandica, 70
Spinulum annotinum, 162
Spiraea alba, 135
Spiraea corymbosa, 70
Spiraea latifolia, 135
Spiraea virginiana, 70
Spiranthes eatonii, 70, 168
Spiranthes floridana, 70
Spiranthes lacera var. *lacera*,
70
Spiranthes laciniata, 70
Spiranthes longilabris, 70
Spiranthes lucida, 70
Spiranthes ochroleuca, 71
Spirodela polyrrhiza, 135
Splachnum pennsylvanicum,
172
Splachnum pennsylvanicum,
89, 172
Sporobolus curtissii, 162
Sporobolus heterolepis, 71
Sporobolus neglectus, 162
Sporobolus pinetorum, 135
Sporobolus teretifolius, 71,
168
Sporobolus virginicus, 71
Stachys appalachiana, 71,
168
Stachys aspera, 135
Stachys clingmanii, 71, 164
Stachys cordata, 71
Stachys eplingii, 71, 168
Stachys hyssopifolia var.
hyssopifolia, 135
Stachys matthewsii, 71, 168
Stachys tenuifolia, 71
Steironema hybridum, 71,
171
Steironema tonsum, 72, 171
Stellaria alsine, 135
Stellaria corei, 136
Stenanthium gramineum var.
robustum, 72, 168
Stenanthium leimanthoides,
72
Stewartia ovata, 72
Sticta deyana, 98, 164
Sticta limbata, 98
Stillingia aquatica, 163
Streptopus amplexifolius var.
amplexifolius, 72
Stuckenia pectinata, 136

Stylisma aquatica, 72
Stylisma pickeringii var.
pickeringii, 72
Sullivantia sullivantii, 163
Swida asperifolia, 72, 170
Swida racemosa, 72, 170
Swida rugosa, 163
Symphyotrichum concinnum,
72, 168, 172
Symphyotrichum cordifolium,
155
Symphyotrichum
depauperatum, 73
Symphyotrichum elliottii, 136
Symphyotrichum firmum, 165
Symphyotrichum
georgianum, 73
Symphyotrichum laeve, 73
Symphyotrichum laeve var.
concinnum, 172
Symphyotrichum lanceolatum
var. *lanceolatum*, 136
Symphyotrichum
novae-angliae, 136
Symphyotrichum
oblongifolium, 73
Symphyotrichum pratense,
73, 164
Symphyotrichum rhiannon,
73, 157
Symphyotrichum shortii, 73
Symphyotrichum simmondsii,
136
Symplocarpus foetidus, 156
Synandra hispidula, 73, 168
Syngonanthus flavidulus, 136
Syntrichia ammonsiana, 89,
172
Syntrichia fragilis, 89, 172
Syntrichia papillosa, 89, 172
Syrrophodon incompletus, 90
Taxiphyllum alternans, 90
Taxiphyllum cuspidifolium,
90
Taxus canadensis, 73
Teloschistes flavicans, 98
Tetragonotheca
helianthoides, 136
Tetradontium brownianum,
90
Thalictrum cooleyi, 73
Thalictrum macrostylum, 74,
168
Thalictrum mirabile, 163
Thaspium pinnatifidum, 74,
168
Thelypteris simulata, 172
Thermopsis fraxinifolia, 74
Thermopsis mollis, 74, 168
Thermopsis villosa, 136
Thuidium allenii, 172
Thuidium alleniorum, 147,
172
Thuidium recognitum, 148
Thuja occidentalis, 136
Tiedemannia canbyi, 74, 171
Tilia americana var.
americana, 137
Tomostima reptans, 74
Torreyochloa pallida, 74, 172
Torreyochloa pallida var.
pallida, 172
Tortella flavovirens, 148
Tortula ammonsiana, 172
Tortula fragilis, 172
Tortula papillosa, 172
Tortula plinthobia, 90
Toxicodendron radicans ssp.
negundo, 163
Toxicodendron rydbergii,
163
Toxicodendron vernix, 156
Tradescantia hirsuticaulis,
137
Tradescantia virginiana, 74,
169
Trautvetteria caroliniensis,
172
Trautvetteria caroliniensis
var. *caroliniensis*, 172
Trepocarpus aethusae, 137,
164
Triadenum fraseri, 74, 170
Triadenum tubulosum, 75,
164, 170
Triantha glutinosa, 75
Trichophorum cespitosum, 75
Trichophorum planifolium,
163
Trichostema brachiatum, 75
Trichostema nesophilum, 75,
169, 172
Trichostema setaceum, 75
Trichostema sp. 1, 172
Tridens ambiguus, 75
Tridens carolinianus, 137
Tridens chapmanii, 75, 169
Tridens strictus, 75
Trientalis borealis, 75, 172
Trifolium carolinianum, 76
Trifolium reflexum, 76
Trillium catesbaei, 158
Trillium cernuum, 163
Trillium cuneatum, 158
Trillium decumbens, 163
Trillium discolor, 76
Trillium erectum, 158
Trillium flexipes, 76, 169
Trillium grandiflorum, 158
Trillium lancifolium, 163
Trillium maculatum, 163
Trillium nivale, 163
Trillium persistens, 163
Trillium pusillum var.
ozarkanum, 76
Trillium pusillum var.
pusillum, 76
Trillium pusillum var.
virginianum, 76
Trillium recurvatum, 76, 169
Trillium reliquum, 163
Trillium rugelii, 137
Trillium sessile, 76
Trillium simile, 76, 169
Triosteum angustifolium,
164, 172
Triosteum angustifolium var.
angustifolium, 137, 172
Triosteum angustifolium var.
eamesii, 137, 164
Triosteum aurantiacum var.
aurantiacum, 137
Triphora trianthophoros var.
trianthophoros, 137
Trisetum spicatum, 172
Tritomaria capitata, 151, 171
Tritomaria exsectiformis ssp.
exsectiformis, 96
Tsuga canadensis, 138, 156
Tsuga caroliniana, 138
Tuerckheimia svihlae, 148
Turritis glabra, 77
Ulmus serotina, 138
Urtica chamaedryoides, 77,
169
Urtica gracilis, 163
Usnea angulata, 98
Utricularia biflora, 156
Utricularia cornuta, 77

Utricularia floridana, 77
Utricularia foliosa, 138
Utricularia geminiscapa, 77
Utricularia macrorrhiza, 77
Utricularia minor, 77
Utricularia olivacea, 77
Utricularia resupinata, 77
Utricularia subulata, 156
Uvularia floridana, 163
Vaccinium angustifolium, 77
Vaccinium hirsutum, 138
Vaccinium macrocarpon, 77
Vaccinium myrtilloides, 163
Vaccinium oxycoccos, 163
Vaccinium sempervirens, 163
Vaccinium virgatum, 138
Valerianella umbilicata, 138
Vandenboschia boschiana, 78
Veratrum woodii, 172
Verbena hastata, 138
Verbena scabra, 138
Verbesina helianthoides, 138
Verbesina virginica var.
virginica, 139
Verbesina walteri, 78
Vernonia angustifolia var.
scaberrima, 163
Vernonia pulchella, 163
Veronica americana, 78
Veronica anagallis-aquatica,
139
Veronica scutellata, 163
Veronicastrum virginicum,
139
Viburnum obovatum, 163
Vigna luteola, 139
Viola appalachiensis, 78
Viola blanda, 155
Viola brittoniana, 139
Viola labradorica, 139
Viola tripartita, 139
Viola villosa, 139
Viola walteri, 78, 169, 172
Viola walteri var.
appalachiensis, 172
Waldsteinia fragarioides,
139, 170
Waldsteinia lobata, 78, 170
Warea cuneifolia, 78
Warnstorfia fluitans, 90
Weissia brachycarpa, 148
Weissia ludoviciana, 90, 169
Weissia muehlenbergiana,
172
Weissia muhlenbergiana,
148, 172
Weissia sharpii, 90
Woodsia appalachiana, 78
Woodsia ilvensis, 78
Xanthoparmelia monticola,
99
Xyleborus nigricans, 154,
164
Xyris baldwiniana, 156
Xyris brevifolia, 140
Xyris chapmanii, 78, 169
Xyris curtissii, 156
Xyris flabelliformis, 140
Xyris floridana, 78, 169
Xyris iridifolia, 140
Xyris jupicai, 156
Xyris scabrifolia, 79
Xyris serotina, 79, 169
Xyris smalliana, 140
Xyris sp. 1, 165
Xyris stricta, 79
Yucca aloifolia, 140
Yucca flaccida, 140
Yucca gloriosa, 79
Zannichellia palustris, 140
Zephyranthes simpsonii, 79
Zizania aquatica var.
aquatica, 140
Zygodon viridissimus var. 1,
90
Zygodon viridissimus var.
rupestris, 148



NC DEPARTMENT OF
NATURAL AND CULTURAL RESOURCES

NORTH CAROLINA

**Natural
Heritage
Program**



SCIENCE GUIDING CONSERVATION

