

Natural Heritage Program
List of Rare Plant Species of North Carolina
2016

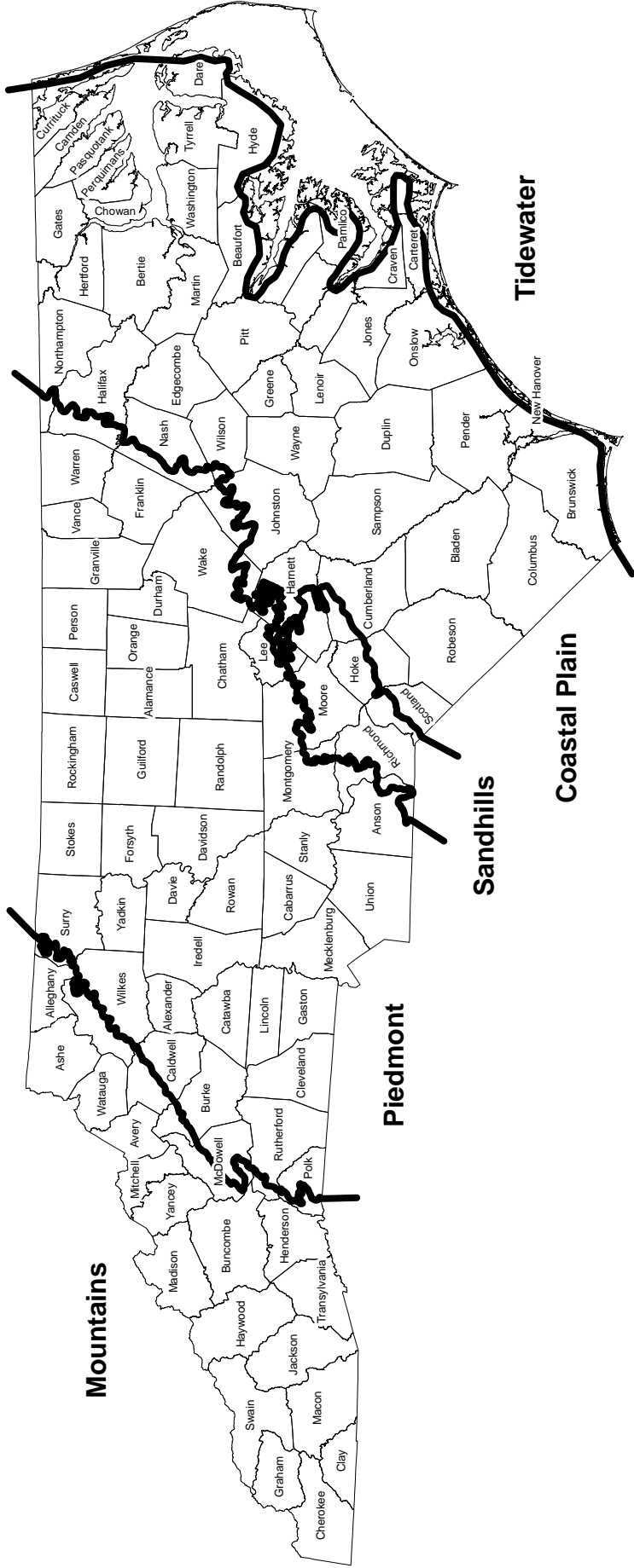
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Compiled by
Laura Gadd Robinson, Botanist
John T. Finnegan, Information Systems Manager

North Carolina Natural Heritage Program
N.C. Department of Natural and Cultural Resources
Raleigh, NC 27699-1651

www.ncnhp.org



THE COUNTIES AND PHYSIOGRAPHIC PROVINCES OF NORTH CAROLINA

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This list is dynamic and is revised frequently as new data become available. New species are added to the list, and others are dropped from the list as appropriate. The list is published every two years. Further information may be obtained by contacting the North Carolina Natural Heritage Program, Department of Natural and Cultural Resources, 1651 MSC, Raleigh, NC 27699-1651; 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 *Arethusa bulbosa* (Bog Rose) by David McAdoo.

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ACKNOWLEDGMENTS

This volume is dedicated in memory of John Finnegan (1960 - 2016) for his friendship and 20 years of unfailing service to the State of North Carolina, supporting the conservation of its natural heritage.

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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: Mara Alexander, Nell Allen, Jame Amoroso, Herb Amyx, Pat Amyx, Rex Badgett, Chris Baranski, Moni Bates, Arleigh Birchler, Sean Bloom, Alvin Braswell, Ken Bridle, A.J. Bullard, Anne Burroughs, Kevin Caldwell, David Campbell, Angie Carl, Owen Carson, Crystal Cockman, Ed Corey, David Danly, Jamey Donaldson, David Dumond, Marshall Ellis, Bryan England, Rob Evans, Laura Fogo, John Fussell, Lisa Gaffney, Jeff Glitzenstein, Cheryl Gregory, Tom Govus, Janet Gray, Steve Hall, Kerry Heafner, Karin Heiman, Tom Howard, Kimberly Israel, Alicia Jackson, Andrew Jenkins, Claudia Jolls, Dean Kanipe, Gary Kauffman, Josh Kelly, Lisa Kelly, Wesley Knapp, Jay Kranyik, Alexander Krings, Mike Kunz, Lenny Lampel, Michael Lee, Merrill Lynch, Jeff Marcus, Jim Matthews, Carol Ann McCormick, Hervey McIver, Patrick McMillan, William S. Moye, Carl Nordman, Tom Patrick, Cary Paynter, Bob Peet, Derick Poindexter, Gerald Pottern, April Punsalan, Milo Pyne, Lloyd Raleigh, Johnny Randall, Duke Rankin, Evan Raskin, Jerry Reese, Jerry Reynolds, Mark Rose, Tim Savidge, Blanka Shaw, John Shaw, Dale Shew, Roger Shew, Alan Smith, Matt Smith, Jennifer Stanley, Lesley Starke, Sara Strickland, Dale Suiter, Megan Sutton, John Taggart, Craig Ten Brink, Robert Thornhill, Mike Turner, Julie Tuttle, Chris Ulrey, Andy Walker, Wade Wall, Bobby Ward, Allison (Schwarz) Weakley, David Welch, Tom Wentworth, Brenda Wichmann, Chris Wilson, and participants in the N.C. Vegetation Survey.

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. 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 25 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. Survey forms can be downloaded from our website. 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).

NUMBER OF PLANT TAXA IN NORTH CAROLINA

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	FSC
Vascular Plants	4,239	157	141	110	287	17	9	91
Mosses	440	0	1	1	121	0	0	2
Liverworts	225	0	0	5	57	0	0	8
Hornworts	9	0	0	0	2	0	0	2
Lichens	977	1	1	2	19	1	0	15
Totals	5,890	158	143	118	486	18	9	118

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 Southern and Mid-Atlantic States*. 2015. University of North Carolina Herbarium (NCU), N.C. Botanical Garden, University of North Carolina, Chapel Hill, North Carolina (available online at <http://www.herbarium.unc.edu/>). Scientific authorities for names have been omitted to save space, but follow Weakley (2015 draft) and J.T. Kartesz’s *A Synonymized Checklist and Atlas with Biological Attributes for the Vascular Flora of the United States, Canada, and Greenland*. First Edition. (In: Kartesz, J.T. and C.A. Meacham. *Synthesis of the North American Flora, Version 1.0*. North Carolina Botanical Garden, Chapel Hill, N.C. 1999).

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 [#20] 19 April 2015) <https://www.ndsu.edu/pubweb/~esslinge/chcklst/chcklst7.htm>.

EXPLANATION OF STATUS AND RANK CODES

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 computerized records and GIS map files on 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 and lichens), 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 of 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 recently occurred in the state) in small numbers (generally fewer 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
		listed by the NCWRC or NCPCP as E, T, or SC).
SR-L	Significantly Rare-Limited	The range of the species is limited to North Carolina and adjacent states (endemic or near endemic). These are species that may have 20-50 populations in North Carolina, but fewer than 100 populations rangewide. 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 (fewer than 100 populations total).
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 somewhere else in their ranges, occurring in North Carolina peripherally to their main ranges, mostly 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.”
FSC	Federal Species of Concern	“FSC” is an informal term. It is not defined in the federal Endangered Species Act. In North Carolina, the Asheville and Raleigh Field Offices of the U.S. Fish and Wildlife Service define FSC as those species that appear to be in decline or otherwise in need of conservation and are under consideration for listing or for which there is insufficient information to support listing at this time. Subsumed

U.S. STATUS CODE	STATUS	DEFINITION
		under the term FSC are all species petitioned by outside parties and other selected focal species identified in USFWS strategic plans, state Wildlife Action Plans, Professional Society Lists (e.g. AFS, FMCS), or NatureServe State Program Lists.

Ranking System

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 30 years by the NCNHP, NatureServe, and a large number of 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 nationwide agencies and organizations, 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

N.C. RANK	NUMBER OF EXTANT POPULATIONS	DESIGNATION	DESCRIPTION
			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.
SH	0?	Historical	Of historical occurrence, with some expectation that it may be rediscovered. Its presence may not have been verified in the past 20 years. Upon verification of an extant occurrence, SH-ranked elements would typically receive an S1 rank. Note: an element is not automatically assigned an SH (or SX) rank if it has not been verified in the past 20 years; some effort must have been made to locate or relocate occurrences.
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	A conservation 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 STATUS - 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 (Blue Ridge)	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.

Scientific Name	Common Name	Status		Rank	
Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global

NORTH CAROLINA PLANT RARE LIST

Vascular Plants

<i>Acmella repens</i>		SR-D		S1	G5T5
Creeping Spotflower					
	CP: low wet areas and floating mats in alluvial forests and swamps (Columbus, Robeson, Wake)				
<i>Acmispon helleri</i>		SC-V		S3	G5T3
Carolina Birdfoot-trefoil					
	P: open woods over clay 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	G3
Trailing Wolfsbane					
	M: rich coves, seepage slopes, boulderfields, rocky stream banks, mainly associated with mafic rocks (Ashe, Avery, Buncombe, Caldwell*, Cherokee, Graham, Haywood, Henderson, Jackson, Macon*, Mitchell, 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 (Columbus)				
<i>Adlumia fungosa</i>		SC-V		S2	G4
Climbing Fumitory					
	M: coves and cliffs (Alleghany, Buncombe, Graham, Haywood, Henderson, Jackson*, Macon*, Madison, Mitchell, Swain, Yancey)				
<i>Aeschynomene virginica</i>		T	T	S1	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*, Granville, Madison*, Moore, Orange, Polk, Stokes*, Surry*, Transylvania*, Wake*, Warren*)				
<i>Agrostis altissima</i>		SR-T		S2	G4
Tall Bentgrass					
	C: wet savannas (Brunswick, Carteret, Onslow, Pender)				
<i>Agrostis mertensii</i>		E		S1	G5
Arctic Bentgrass					
	M: high elevation rocky summits and balds (Avery, Mitchell*, Yancey)				

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Aletris lutea</i> Yellow Colic-root C: pine savannas (Pender)	SR-P		S1	G4G5
<i>Allium allegheniense</i> Allegheny Onion M: rock outcrops and woodlands over mafic rock at moderate to high elevations (Ashe, Caldwell)	SR-T		S1	G3?
<i>Allium cuthbertii</i> Striped Garlic PM: low elevation granitic domes and other rocky sites with circumneutral soils (Alexander, Madison*, Randolph, Richmond, Wilkes)	T		S2	G4
<i>Allium sp. 1</i> Savanna Onion C: wet savannas (Brunswick, Onslow, Pender)	SR-L	FSC	S1S2	G1G2
<i>Alnus viridis ssp. crispa</i> Green Alder M: balds (Avery, McDowell, Mitchell)	SC-V		S1	G5T5
<i>Amaranthus pumilus</i> Seabeach Amaranth T: ocean beaches and island-end flats (Brunswick, Carteret, Currituck, Dare, Hyde*, New Hanover, Onslow, Pender)	T	T	S1S2	G2
<i>Amorpha confusa</i> Savanna Indigo-bush C: wet savannas (Bladen*, Brunswick, Columbus, New Hanover*)	T	FSC	S3	G3T3
<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	FSC	S2	G3T2
<i>Amphicarpum muhlenbergianum</i> Florida Goober Grass C: clay-based Carolina bays (Hoke, Robeson, Scotland)	E		S1	G4
<i>Andropogon mohrii</i> Bog Bluestem C: wet savannas (Brunswick, Carteret, Columbus, Craven, Onslow, Pender, Robeson*, Scotland, Washington*)	T		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

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<i>Anthoxanthum hirtum</i> Holy Grass M: bogs (Ashe, Macon, Watauga*)	SR-D		S1	G5
<i>Anticlea glauca</i> White Camas M: calcareous rock outcrops (Buncombe*, McDowell, Yancey)	SR-P		S1	G5T4T5
<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>Arabis pycnocarpa</i> var. <i>adpressipilis</i> Hairy Rockcress PM: thin soils around basic rock outcrops (Alexander, Buncombe)	E		S1	G5T4Q
<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>Arisaema stewardsonii</i> Bog Jack-in-the-pulpit M: bogs (Alleghany, Ashe, Avery, Catawba, Henderson, Jackson, Macon, McDowell, Mitchell, Rutherford, Transylvania, Watauga, Yancey)	SR-P		S2	G5T4T5
<i>Aristida condensata</i> Big Three-awn Grass C: bay rims with xeric pine-oak scrub (Bladen, Hoke*, New Hanover, Pender, Richmond*, Scotland*)	T		S2	G4?
<i>Aristida simpliciflora</i> Chapman's Three-awn C: wet savannas (Brunswick, Columbus, Pender)	E		S1S2	G3G4
<i>Aristida tenuispica</i> Hillsboro Three-awn Grass C: xeric sandhill scrub (New Hanover, Pender)	SR-P		S1	G5T5
<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*)	SR-D		SH	G4?

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<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, Hertford, Johnston, Moore, Pender, Union, Wilkes)	SR-T		S1?	G5?
<i>Asemeia grandiflora</i> Showy Milkwort SC: sandhills (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	FSC	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
<i>Asplenium ruta-muraria</i> Wall-rue Spleenwort M: limestone outcrops (Burke, Madison, McDowell)	SC-V		S1	G5
<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	FSC	S3	G3
<i>Athyrium angustum</i> Northern Lady Fern M: rock outcrops and forests at high elevations (Avery)	SR-P		S1	G5T5
<i>Baccharis glomeruliflora</i> Silverling T: shrubby areas on margins of brackish marshes (Brunswick, New Hanover*, Pender)	SC-H		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

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<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	FSC	S1	G2
<i>Baptisia alba</i> Thick-pod White Wild Indigo PCS: open woodlands, clearings (Anson, Cabarrus, Davidson, Johnston, Montgomery, Randolph, Stanly, Union)	T		S2	G5
<i>Baptisia australis var. aberrans</i> Prairie Blue Wild Indigo P: glades and open forests on basic soils (Cabarrus*, Caswell, Durham, Granville, Montgomery, Orange*, Person*)	E		S2	G5T2
<i>Baptisia bracteata</i> Creamy Wild Indigo P: open woodlands (McDowell*)	SC-H		SH	G4G5T4?
<i>Berberis canadensis</i> American Barberry PM: open forests and glades on basic soils (Alamance*, Alexander*, Buncombe*, Catawba, Durham, Granville, Guilford*, Haywood*, Iredell*, Macon, Madison, McDowell, Montgomery, Orange*, Person*, Randolph*, Rockingham, Rutherford, Swain*, Transylvania*)	SC-V		S2	G3
<i>Betula cordifolia</i> Mountain Paper Birch M: high elevation forests and landslide scars (Orange, Yancey)	SC-V		S1	G5T5
<i>Bidens trichosperma</i> Crowned Beggar-ticks CT: brackish marshes (Beaufort*, Chowan*, Craven*, Dare, Tyrrell*)	SR-P		S1	G5?
<i>Boechera missouriensis</i> Missouri Rockcress P: thin soils around basic rock outcrops (Anson, Madison, Stanly, Union)	SC-V		S1S2	G5
<i>Boltonia asteroides var. 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>Botrychium lanceolatum var. angustisegmentum</i> Lance-leaf Moonwort MP: cove forests (Burke, Macon, McDowell)	SR-P		S1	G5T4

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<i>Botrychium matricariifolium</i> Daisy-leaf Moonwort MP: cove forests (Avery, Burke, Haywood, Jackson, Mitchell, Swain, Yancey)	SR-P		S1	G5
<i>Botrychium simplex var. simplex</i> Least Moonwort M: open, grassy sites (Haywood, Jackson, Mitchell, Transylvania)	SR-P		S2	G5T3T4
<i>Bouteloua curtipendula var. curtipendula</i> Sideoats Grama M: dry rocky slopes and bluffs (Swain)	SR-P		S1	G5T5
<i>Brachyelytrum aristosum</i> Northern Shorthusk M: northern hardwood forests (Ashe, Avery, Buncombe, Caldwell, Clay, Graham, Haywood, Henderson*, Jackson, Macon, Mitchell, Swain, Transylvania, Watauga)	SR-P		S3	G5
<i>Bromus ciliatus</i> Fringed Brome M: moist areas near high elevation grassy balds (Alexander, Ashe, Buncombe, Haywood, Henderson, Mitchell*, Transylvania, Watauga)	SR-P		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	FSC	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	FSC	S1	G1
<i>Calamagrostis canadensis var. canadensis</i> Canada Reed Grass M: bogs and moist areas around high elevation rock outcrops (Alleghany, Ashe, Avery, Haywood*, Macon, Mitchell*, Watauga*)	SR-P		S1	G5T5
<i>Calamagrostis porteri ssp. porteri</i> Porter's Reed Grass M: middle elevation ridgetop forests (Cherokee, Clay, Graham, Jackson, Macon, Mitchell, Rutherford, Surry, Transylvania*)	SR-P		S1	G4T4

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<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	FSC	S1	G2G3
<i>Caltha palustris var. 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 aparinoides var. 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)	SR-P		S2	G5TNR
<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)	T		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		S1	G3?
<i>Cardamine micranthera</i> Small-anthered Bittercress P: seeps, streamside sandbars, and floodplain depressions (Forsyth*, Stokes)	E	E	S2	G2
<i>Cardamine rotundifolia</i> Mountain Watercress MP: seeps, banks of mountain brooks (Alleghany, Ashe, Mitchell, Stokes, Watauga, Yancey)	T		S2	G4

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<i>Carex amplisquama</i> Fort Mountain Sedge M: rich woods (Henderson, Polk, Transylvania)	SR-T	FSC	S2	G5T3
<i>Carex arctata</i> Black Sedge M: northern hardwood and spruce forests, bog edges (Ashe, Watauga)	SR-P		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		S2	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)	SR-D		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)	SR-T		S2?	G3
<i>Carex canescens var. 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	G5T5
<i>Carex careyana</i> Carey's Sedge M: rich cove forests (Jackson)	T		S1	G4G5

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<i>Carex cherokeensis</i> Cherokee Sedge MPC: floodplains (Bertie, Cherokee, Macon, Madison, Pender, Polk)	E		S1	G4G5
<i>Carex conoidea</i> Cone-shaped Sedge MP: bogs (Alleghany, Ashe, Iredell*)	SC-V		S1	G5
<i>Carex cristatella</i> Small-crested Sedge M: grassy balds, bogs (Jackson*, Swain*, Yancey)	SC-H		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 Taxodium ascendens trunks and knees (Brunswick, Chowan, Cumberland, Gates, New Hanover*, Richmond, Scotland, Warren*)	SC-V		S2	G3G4
<i>Carex deflexa</i> A Sedge M: high elevation seepy forests	SR-D		S1?	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	G5T5
<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)	SC-V		S1	G5
<i>Carex hormathodes</i> A 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)	SR-T	FSC	S2	G2

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<i>Carex jamesii</i> James's Sedge PC: rich woods, especially over mafic rocks (Bertie, Caswell, Cumberland, Durham, Halifax, Harnett, Lee, Martin, Moore, Northampton)	SR-P		S2	G5
<i>Carex lasiocarpa var. americana</i> Slender Sedge M: high elevation fens over amphibolite (Ashe)	SR-P		S1	G5T5
<i>Carex lupuliformis</i> False Hop Sedge CP: moist bottomlands, especially in calcareous or mafic areas (Bertie, Brunswick, Craven*, Forsyth*, Jones, 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*)	SR-P		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 var. pedunculata</i> Longstalk Sedge M: rich cove forests (Buncombe, Henderson, Polk, Transylvania)	SC-V		S2	G5
<i>Carex projecta</i> Necklace Sedge CMP: bogs, marshes, swamps, brownwater floodplain forests and openings (Avery, Cherokee, Cumberland*, 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)	SC-V		S3	G4?
<i>Carex radfordii</i> Radford's Sedge M: rich cove forests in the Blue Ridge escarpment region (Jackson, Polk, Transylvania)	T	FSC	S1	G3
<i>Carex reniformis</i> Kidney Sedge CP: swamps, open wet areas (Bladen, Johnston*, Pender, Sampson, Wake*)	T		S1	G4?

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<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 (Brunswick, Columbus, Cumberland, Pender)	SR-P		S1	G4
<i>Carex sp. 2</i> 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)	SR-T		S1?	G4?
<i>Carex tenax</i> Wire Sedge CS: xeric sandhills (Moore, Wayne*)	E		S1	G5?
<i>Carex tetanica</i> Rigid Sedge MC: bogs and swamps (Craven, Macon*, Warren*, Wilson*)	SR-P		S1	G4G5
<i>Carex trichocarpa</i> Hairy-fruit Sedge M: marshy bogs (Alleghany, Ashe*, Haywood*)	SR-P		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)	SR-P		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)	SR-P		S1	G5
<i>Carex vestita</i> Velvet Sedge P: low woods (Chatham*, Durham*, Polk)	SC-H		S1	G5

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<i>Carex woodii</i> Wood's Sedge MPC: forested slopes, cove forests, and northern hardwoods (Alleghany, Ashe, Avery, Buncombe, Cherokee, Clay, Haywood, Henderson, Jackson, Jones*, Macon, Mitchell*, Orange*, Transylvania, Watauga)	SR-P		S3	G4
<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)	SR-P		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
<i>Ceratophyllum australe</i> Southern Hornwort CT: pools in maritime forests, possibly other natural depression wetlands (Carteret*, Chowan)	SR-P		S1	G5TNR
<i>Chamerion platyphyllum</i> Fireweed M: grassy balds, roadsides, disturbed areas (Alleghany, Avery, Caldwell, Haywood, Mitchell, Watauga, Yancey*)	E		S1	G5T5
<i>Chasmanthium nitidum</i> A Spanglegrass C: blackwater bottomlands over marl (Pender)	T		S1	G3G4
<i>Chelone cuthbertii</i> Cuthbert's Turtlehead MPC: bogs (Alleghany, Ashe, Avery, Burke, Catawba, Cumberland, Henderson, Jackson, Macon, Madison, McDowell, Stokes, Swain, Transylvania, Watauga, Wayne, Yancey)	SC-V		S3?	G3
<i>Chelone obliqua</i> Red Turtlehead CM: swamp forests, bogs, wet places (Ashe, Burke, Gates, Graham, Hertford*, Jackson, McDowell, Rutherford, Swain, Transylvania, Watauga)	SR-T		S2	G4
<i>Chenopodium foggii</i> Fogg's Goosefoot M: rocky, mountain slopes (Haywood*)	SR-T		SH	G2G3
<i>Chenopodium simplex</i> Giant-seed Goosefoot M: shaded soil at bases of cliffs (Alleghany, Ashe*, Jackson)	T		S1	G5

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<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, Mecklenburg, Montgomery, Onslow, Rowan, Rutherford, Wake*, Wilkes*)	E		S2	G5
<i>Cirsium lecontei</i> Leconte's Thistle C: savannas (Bladen*, Brunswick, Carteret, Columbus, Craven, Onslow, Pender, Robeson*)	SC-V	FSC	S2	G3
<i>Cirsium nuttallii</i> Nuttall's Thistle C: pine savannas, roadsides, pastures (Columbus, Pender)	SR-P		S1	G5
<i>Cladium mariscoides</i> Twig-rush 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)	SR-O		S3	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 var. 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*, Chatham, Davie, Guilford*, Henderson*, McDowell, Mecklenburg, Montgomery, Polk, Rutherford)	SC-V		S1	G3G4
<i>Collinsonia verticillata</i> Whorled Horsebalm PM: cove forests (Burke, Madison, McDowell, Polk)	SC-V		S2	G3G4
<i>Conioselinum chinense</i> Hemlock-parsley M: high elevation seepage slopes (Avery)	T		S1	G5
<i>Coptis trifolia var. groenlandica</i> Goldthread M: bogs and moist, mossy forests (Alleghany, Ashe)	T		S1	G5T5

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<i>Corallorhiza maculata var. maculata</i> Spotted Coralroot M: northern hardwood forests (Buncombe*, Haywood*, Henderson*, Jackson, Macon*, McDowell, Transylvania, Watauga*, Yancey)	SR-P		S2	G5T5
<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		S1S2	G5
<i>Coreopsis aristulata</i> Short-awned Coreopsis C: wet savanna with calcareous influence (Onslow, Pender)	SR-L	FSC	S1	G1?
<i>Coreopsis grandiflora var. 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>Cornus asperifolia</i> Roughleaf Dogwood C: wet marl forests (Onslow, Pender)	E		S1	G4
<i>Cornus racemosa</i> Gray Dogwood P: moist soil in riparian zones, roadsides, and thickets (Caswell, Durham, Orange)	SR-P		S1	G5
<i>Corydalis micrantha</i> Slender Corydalis PM: thin, circumneutral soils on rock outcrops or cliffs (Alexander, Carteret, Jackson*, Madison)	T		S1	G5T4
<i>Crataegus coccinea</i> Scarlet Hawthorn MP: deciduous forest understories, pastures, upland thickets (Alexander*, Alleghany*, Ashe)	SR-P		S2?	G5
<i>Crataegus munda</i> Batesburg Hawthorn C: xeric or subxeric forests, scrublands, disturbed woodlands (Bladen, Cumberland*, Sampson, Wake)	SR-T		S2?	G3G5Q
<i>Crataegus pallens</i> Pale Hawthorn M: subxeric forests, slopes, rock outcrops, especially over mafic or calcareous substrates (Buncombe)	SR-T		S1S2	G1G2
<i>Crataegus senta</i> A Hawthorn CM: upland hills, disturbed forests, pastures (Buncombe*)	SR-T		S1?	G2

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<i>Crataegus succulenta</i> Fleshy Hawthorn M: high elevation rocky summits, mesic forests, pastures, especially over basic soil or mafic substrate (Ashe, Buncombe, Orange*, Stokes)	SR-P		S1S2	G5
<i>Crinum americanum var. 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, 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 Frostweed 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
<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?

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<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, 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 tetragonus</i> Four-angled Flatsedge T: maritime forests and barrier island grasslands (Brunswick, Carteret, Dare, New Hanover*, Onslow, Pender)	SC-V		S1	G4?
<i>Cyperus virens</i> Green Flatsedge C: marshes and ditches (Columbus, Hyde)	SR-P		S1	G5
<i>Cypripedium parviflorum var. parviflorum</i> Small Yellow Lady's-slipper M: upper slopes of rich high elevation forests (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
<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 (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)	E		S1	G5T5
<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	G3G4
<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)	E		S2	G3

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<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, Yancey)	SR-P		S2?	G5
<i>Deschampsia cespitosa ssp. glauca</i> Tufted Hairgrass M: olivine barrens, high elevation outcrops of mafic rock (Alleghany, Ashe, Avery, Clay, Mitchell)	T		S1	G5T5
<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	FSC	SH	G2
<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)	E		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>Dichantherium 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*)	SR-P		S1	GNR
<i>Dichantherium bicknellii</i> Bicknell's Witch Grass MP: open woods (Alexander, Alleghany, Ashe, Columbus, Granville, Jackson, Macon, Madison, Mitchell, Montgomery, Moore*, Rowan, Union, Yancey)	SR-P		S2	G4?Q
<i>Dichantherium caerulescens</i> Blue Witch Grass C: maritime grasslands and wet savannas with a calcareous influence (Brunswick*, Carteret, Currituck, Dare, Hyde, Onslow, Pender)	E	FSC	S1S2	G2G3

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<i>Dichanthelium 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
<i>Dichanthelium fusiforme</i> Spindle-fruited Witch Grass CSM: dry sandy pinelands and dry montane woodlands (Alexander, Beaufort, Bladen*, Brunswick, Columbus*, Dare, Gates, Hoke, Jones, Moore*, Onslow, Richmond*)	SR-P		S1	G5?
<i>Dichanthelium hirstii</i> Hirsts' Panic Grass C: cypress savannas (Onslow)	E		S1	G1
<i>Dichanthelium neuranthum</i> Nerved Witch Grass T: maritime wet grasslands (Brunswick*, Carteret*, Dare, Hyde, New Hanover*, Union)	SC-V		S1	G5T3
<i>Dichanthelium spretum</i> Eaton's Witch Grass CP: wet sands and peats of bogs, savannas, meadows, and shores (Carteret, Craven, Onslow, Pender)	SR-D		S1S2	G5
<i>Dichanthelium strigosum var. glabrescens</i> Hairless Witch Grass C: sandy pinelands and hammocks (Onslow)	SR-D		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)	SC-V	FSC	S2	G3
<i>Diplachne maritima</i> Salt-meadow Grass CT: fresh to brackish tidal marshes (Brunswick, Currituck, Dare, Hyde, Tyrrell)	E		S1	G5T3T4Q
<i>Ditrysinia fruticosa</i> Sebastian-bush C: swamp forests (Brunswick, Columbus, Pender*, Robeson)	SC-V		S2	G5

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<i>Draba ramosissima</i> Branching Draba MP: calcareous and mafic rock outcrops (Buncombe, Haywood, Jackson, Madison, Rutherford)	SC-V		S2	G4
<i>Drosera 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*)	SC-V		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 & tidal freshwater marshes (Beaufort, Carteret, Dare, Hyde, Onslow*, Washington)	E		S2	G4G5
<i>Eleocharis elongata</i> Florida Spikerush C: limesink ponds (Brunswick, 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
<i>Eleocharis halophila</i> Saltmarsh Spikerush CT: brackish and freshwater marshes (Dare, Hyde*)	SR-P		S1	G4Q
<i>Eleocharis montevidensis</i> Sand Spikerush CT: maritime wet grassland (Currituck*, Dare, Hyde, Onslow)	SR-P		S1	G5
<i>Eleocharis parvula</i> Little-spike Spikerush CT: brackish and fresh marshes (Brunswick, Carteret, Currituck, Dare, Hyde, Onslow, Tyrrell)	SR-D		S1	G5

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<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		S2	G4G5
<i>Eleocharis rostellata</i> Beaked Spikerush CT: brackish marshes (Beaufort*, Brunswick, Camden, Carteret, Currituck, Dare, Hyde, Pamlico)	SR-O		S2	G5
<i>Eleocharis vivipara</i> Viviparous Spikerush C: bogs and pools (Brunswick, Carteret, Moore, New Hanover, Onslow, Pender)	E		S1	G5
<i>Elymus trachycaulus ssp. trachycaulus</i> Slender Wheatgrass M: olivine barrens (Clay)	T		S1	G5T5
<i>Elymus virginicus var. halophilus</i> Terrell Grass C: brackish marshes, maritime forests and hammocks (Beaufort, Brunswick, Carteret, Craven, Hyde, Washington)	SC-V		S1	G5T5
<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
<i>Epidendrum magnoliae</i> Green Fly Orchid C: epiphytic on trees in blackwater river swamps (Bladen, Brunswick, Columbus, New Hanover, Pender)	T		S1S2	G4
<i>Epilobium ciliatum ssp. ciliatum</i> American Willow-herb M: seeps and bogs (Avery, Buncombe, Caldwell, Haywood*, Henderson, Jackson*, Macon, Madison, Mitchell*, Swain*, Watauga, Yancey*)	SR-P		S2	G5T5
<i>Erigenia bulbosa</i> Harbinger-of-spring MP: rich woods (Caswell, Graham)	SR-P		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

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<i>Eriogonum tomentosum</i> Southern Wild-buckwheat C: sandhills (Bladen*)	SC-H		SH	G4G5
<i>Eryngium aquaticum var. 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 anomalum</i> Florida Thoroughwort C: wet savannas	SR-T	FSC	S1?	G2G3
<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)	T	FSC	S1S2	G2
<i>Eupatorium resinsum</i> Pine Barren Boneset SC: seepage bogs, impoundments, shrub swamps, openings in streamhead pocosins (Bladen, Cumberland, Harnett, Hoke, Moore, Robeson, Sampson, Scotland)	SR-O		S3	G3
<i>Eupatorium saltuense</i> Tall Boneset P: upland forests, woodland borders (Burke, Caswell*, Granville, McDowell, Person, Rutherford, Sampson, Warren)	SR-L		S1?	G4
<i>Euphorbia bombensis</i> Southern Seaside Spurge T: seabeaches (Brunswick, Carteret, Dare, Onslow)	SR-T		S2?	G4G5
<i>Euphorbia commutata</i> Cliff Spurge MP: thin soil around mafic or calcareous outcrops (Buncombe, Caswell*, Haywood, Rutherford)	T		S1	G5
<i>Euphorbia cordifolia</i> Heartleaf Sandmat CS: sandhills (Bladen, Richmond*, Wayne*)	T		S1	G5
<i>Euphorbia mercurialina</i> Cumberland Spurge P: rich slopes over gabbro (Anson, Granville, Montgomery, Moore, Richmond)	SC-V		S2	G4
<i>Euphorbia purpurea</i> Glade Spurge M: forests, especially over mafic rock (Ashe, Buncombe, Clay, Graham, Haywood, Jackson, Macon, Madison, Mitchell, Swain, Watauga*, Yancey)	SR-T		S3	G3

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<i>Eurybia mirabilis</i> Piedmont Aster P: rich slopes and bottomlands (Anson, Macon*, Mecklenburg, Montgomery, Richmond, Stanly, Union)	SR-T	FSC	S3	G3
<i>Eurybia spectabilis</i> Showy Aster CMP: pine barrens and woodland borders (Bertie*, Cabarrus*, Chatham, Chowan*, Craven*, Durham, Gates*, Granville, Hertford, Johnston, Jones, Lee*, Onslow, Pitt*, Polk, Robeson, Rowan*, Stanly*)	SR-O		S2?	G5
<i>Eustachys glauca</i> Saltmarsh Fingergrass T: salt marshes	SR-P		SH	G4
<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	FSC	S1	G2
<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)	T		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>Frasera caroliniensis</i> Columbo M: deciduous forests on mafic soil (Cherokee, Clay, Graham, Macon)	SR-P		S2S3	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

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<i>Gaylussacia nana</i> Confederate Huckleberry C: coastal fringe sandhill (New Hanover)	E		S1	G4
<i>Gaylussacia orocola</i> Appalachian Dwarf Huckleberry M: bogs (Avery*, Buncombe*, Haywood*, Henderson, Macon*, Transylvania)	SR-L		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-V		SH	G4
<i>Gentiana latidens</i> Balsam Mountain Gentian M: moist open sites on rocky slopes (Haywood, Jackson, Macon*, Transylvania)	SR-L	FSC	S1S2	G5T2T3
<i>Gentianopsis crinita</i> Fringed Gentian M: glades, serpentine barrens, open sites over basic rocks (Ashe, Clay, Macon*, Watauga)	T		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	FSC	S1S2	G2
<i>Geum laciniatum</i> Rough Avens M: bogs and wet meadows (Avery, Wilkes*)	E		S1	G5
<i>Geum lobatum</i> Lobed Barren Strawberry M: streambanks and ravines (Jackson*, Transylvania)	E	FSC	S1	G3
<i>Geum radiatum</i> Spreading Avens M: high elevation rocky summits (Ashe, Avery, Buncombe, Burke*, Haywood, Mitchell, Transylvania, Watauga, Yancey)	E	E	S2	G2
<i>Gillenia stipulata</i> 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)	T		S2	G5

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<i>Glyceria laxa</i> Lax Mannagrass M: seeps (Alleghany, Ashe, Avery, Buncombe, Henderson, Jackson*, Macon, Transylvania)	SR-P		S1	G5
<i>Glyceria nubigena</i> Smoky Mountain Mannagrass M: high elevation seeps (Graham, Haywood, Jackson, Swain, Transylvania)	SR-L	FSC	S2	G2G3
<i>Gratiola aurea</i> Golden Hedge-hyssop C: drawdown zones of blackwater rivers (Bladen, Brunswick, Columbus, Gates*, Pender, Sampson)	SC-V		S1	G5
<i>Gratiola ramosa</i> Branched Hedge-hyssop CS: cypress savannas and clay-based Carolina bays (Hoke, Robeson*, Scotland)	SR-P		S1	G4G5
<i>Gymnocarpium appalachianum</i> Appalachian Oak Fern M: shaded and sheltered crevices on high elevation rocky summits (Ashe)	T		S1	G3
<i>Hackelia virginiana</i> 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)	SR-P		S2	G5
<i>Helanthium tenellum</i> Dwarf-burhead C: drawdown zones of clay-based Carolina bays and blackwater rivers (Brunswick*, Columbus*, Robeson)	E		SH	G5?
<i>Helenium brevifolium</i> Littleleaf Sneezeweed PMC: bogs, seeps, riverbanks, other wet sites (Alleghany, Brunswick*, Clay, Columbus, Davidson*, Henderson*, Iredell, Lenoir*, Lincoln, Montgomery, Rowan*, Stanly*, Wake*)	E		S1	G4
<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

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<i>Helianthus occidentalis ssp. occidentalis</i> Naked-stem Sunflower M: Rocky or sandy flood-scoured riversides (Buncombe*)	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, Mecklenburg, Montgomery, Randolph, Richmond, Rowan, Stanly, Stokes, Surry, Union)	E	E	S3	G3
<i>Heliotropium curassavicum var. 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, Transylvania)	T	T	S2	G3
<i>Heteranthera multiflora</i> Multiflowered Mud-plantain C: open pools in brownwater or blackwater river floodplains (Bertie*, Martin, Pasquotank, Perquimans, Wake, Washington)	SR-P		S1	G4
<i>Heuchera hispida</i> Hispid Alumroot P: rich, rocky woods (Alleghany, Ashe, Wilkes)	SR-P		S1	G5T3?
<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, Clay, Cumberland, Davidson*, Davie*, Durham, Franklin*, Granville, Harnett, Hoke, 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	FSC	S3	G3
<i>Hibiscus aculeatus</i> Comfortroot C: bay forests, sand ridges, and roadsides (Carteret, New Hanover, Robeson)	T		S1	G4G5

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<i>Hottonia inflata</i> Featherfoil CPT: pools in blackwater or brownwater swamps, interdune ponds (Bertie, Dare, Edgecombe*, Gates, Halifax, Johnston, Lenoir, Martin, Tyrrell)	SR-O		S1?	G4
<i>Houstonia montana</i> Roan Mountain Bluet M: high elevation rocky summits, grassy balds (Ashe, Avery, Caldwell, Mitchell, Watauga, Yancey)	E	E	S2	G5T2
<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*)	SR-O		S3	G3G4
<i>Hymenocallis occidentalis var. occidentalis</i> Hillside Spider-lily M: wooded hillsides (McDowell*)	SC-H		SH	G4?TNR
<i>Hymenocallis pygmaea</i> Waccamaw River Spiderlily C: banks of blackwater rivers (Brunswick, Columbus, Pender)	T	FSC	S1	G1G2Q
<i>Hymenophyllum tayloriae</i> Gorge Filmy Fern M: moist grottoes and spray cliffs in escarpment gorges with high rainfall (Jackson, Macon, Transylvania)	SR-O	FSC	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	FSC	SH	G3
<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

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<i>Hypericum fraseri</i> Fraser's Marsh St. John's-wort M: bogs and peaty wetlands (Northampton)	SR-P		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)	SR-L	FSC	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)	T		S1	G5
<i>Ipomoea macrorhiza</i> Manroot TC: low marshy places, dunes (Brunswick*)	SR-P		SH	G3G5
<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	FSC	S1	G1

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<i>Isoetes piedmontana</i> Piedmont Quillwort P: granite flatrocks and diabase glades (Anson, Franklin, Granville, Rowan, Rutherford, Wake)	E		S2	G4
<i>Isoetes virginica</i> Virginia Quillwort P: upland depression swamp forests, clayey soils (Caswell, Chatham*, Person, Rowan*, Union*)	SR-L	FSC	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)	T	T	S1	G2?
<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*)	SR-D		SH	G5
<i>Juncus caesariensis</i> New Jersey Rush M: seepage bog (Bertie, Clay, Henderson)	E	FSC	S1	G2G3
<i>Juncus dudleyi</i> Dudley's Rush M: calcareous seepages and riverscours	SR-P		S1	G5
<i>Juncus militaris</i> Bayonet Rush C: exposed peaty-sandy shorelines of lakes (Washington)	SR-D		S1	G4
<i>Juniperus communis var. depressa</i> Dwarf Juniper MP: high elevation granitic domes, low elevation rocky summits (Buncombe*, Cleveland, Gaston, Macon, Rutherford)	SC-V		S1	G5T5
<i>Kalmia angustifolia</i> Sheep-laurel C: sandy, xeric to mesic hillsides (Gates)	T		S1	G5
<i>Lachnocaulon minus</i> Brown Bogbutton CS: depression ponds and ditches (Brunswick, New Hanover, Onslow, Pender, Robeson, Scotland)	T		S2	G3G4

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<i>Lathyrus pusillus</i> Tiny Peavine PC: wet, disturbed sites (McDowell*)	SR-D		SH	G5?
<i>Lechea maritima var. virginica</i> Maritime Pinweed T: barren dunefields with <i>Hudsonia tomentosa</i> (Currituck, Dare)	E		S1	G5T3Q
<i>Lechea torreyi var. congesta</i> Torrey's Pinweed CS: sandhills, savannas (Brunswick, Moore*, Onslow, Pender)	E		S1	G4
<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, Clay, Cleveland, Henderson*, Jackson*, Macon, McDowell, Polk*, Rutherford, Stanly, Stokes, Transylvania*)	T		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
<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, Cherokee, 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 ssp. editorum</i> Red Canada Lily MP: bogs, wet meadows (Alleghany, Avery*, Cabarrus, Graham, Henderson, Randolph, Rutherford*, Stanly*)	E		S1	G5T4
<i>Lilium canadense var. canadense</i> Yellow Canada Lily MP: bogs, wet meadows (Cabarrus, Haywood, Watauga)	E		S1	G5T4?

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<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	FSC	S3	G3
<i>Lilium philadelphicum var. 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	FSC	S2	G2
<i>Limosella australis</i> Awl-leaf Mudwort T: tidal marshes (Currituck, Dare)	T		S1	G4G5
<i>Lindera melissifolia</i> Pondberry C: Carolina bays and seasonally wet depressions (Bladen*, Cumberland, Onslow, Orange*, Sampson)	E	E	S1	G3
<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)	SR-T	FSC	S2S3	G3
<i>Linum floridanum var. 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		S1	G5T5
<i>Liparis loeselii</i> Fen Orchid MT: seeps, bay swamps (Alleghany, Ashe*, Avery*, Dare, Jackson*, Rutherford*, Swain, Transylvania, Watauga*)	E		S1	G5
<i>Lipocarpha micrantha</i> Small-flowered Hemicarpha CT: drawdown zones of blackwater rivers, salt marshes (Brunswick*, Columbus*, Dare*)	SC-H		SH	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, Sampson, Wayne)	SC-V	FSC	S2S3	G3?

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<i>Lobelia boykinii</i> Boykin's Lobelia C: depression ponds and meadows and clay-based cypress savannas (Bladen*, Cumberland, Hoke, Onslow, Robeson, Scotland)	E	FSC	S1S2	G2G3
<i>Lonicera canadensis</i> American Fly-honeysuckle M: bogs, moist woods (Alleghany, Buncombe, 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
<i>Ludwigia brevipes</i> Long Beach Seedbox 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*)	SR-T	FSC	S1S2	G2G3
<i>Ludwigia lanceolata</i> Lanceleaf Seedbox TC: interdune ponds, open wet areas (Brunswick*, Carteret, Dare*, New Hanover)	E		S1	G3
<i>Ludwigia linifolia</i> Flaxleaf Seedbox CT: limesink ponds (Brunswick, Carteret, Columbus, New Hanover, Onslow)	T		S2	G4
<i>Ludwigia ravenii</i> Raven's Seedbox C: savannas, swamps, marshes, wet open places (Brunswick*, Carteret, Chowan*, Columbus, Craven, Duplin*, Gates*, Jones, New Hanover*, Pamlico*, Perquimans*, Sampson)	T	FSC	S1	G1G2
<i>Ludwigia sphaerocarpa</i> Globe-fruit Seedbox CS: bogs, pools, and lake shores (Bladen*, Columbus, Craven, Dare*, Hoke*, Johnston*, Moore, New Hanover, Richmond, Washington, Wayne*)	E		S1	G5
<i>Ludwigia suffruticosa</i> Shrubby Seedbox CS: limesink ponds, clay-based Carolina bays (Bladen*, Brunswick, Columbus, New Hanover, Onslow, Robeson, Scotland)	T		S2	G5
<i>Lupinus villosus</i> Lady Lupine C: sandhills and other dry sandy woods (Bladen, Brunswick*, Cumberland, Moore, Pender)	SR-P		S1	G5

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<i>Luziola fluitans</i> var. <i>fluitans</i> Southern Water Grass C: pools, lakes, streams (Bladen, Columbus, Dare, Moore, Pender, Richmond, Scotland, Tyrrell, Washington)	SR-P		S2	G4G5
<i>Lycopodiella inundata</i> Bog Clubmoss M: bogs and seeps (Avery, Haywood, Watauga)	SR-P		S1	G5
<i>Lycopus angustifolius</i> Southern Bog Water-horehound C: bogs and marshes (Columbus, Richmond, Washington)	SR-P		S1	G4?Q
<i>Lysimachia asperulifolia</i> Rough-leaf Loosestrife CS: pocosin/savanna ecotones, pocosins (Beaufort, Bladen, Brunswick, Carteret, Columbus*, Craven, Cumberland, Harnett, Hoke, Montgomery*, Moore*, 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	FSC	S3	G3
<i>Lysimachia hybrida</i> Lowland Loosestrife MPC: bottomlands (Pender)	SR-P		S2?	G5
<i>Lysimachia tonsa</i> Southern Loosestrife P: upland forests and openings (Alexander, Ashe, Burke, Caswell, Madison, Orange*, Rockingham, Rutherford, Stokes, Surry, Swain, Vance)	SR-P		S2	G4
<i>Lythrum lanceolatum</i> Southern Winged-loosestrife C: marshes and low, wet places (New Hanover*, Pender)	SR-T		S1	G5T5
<i>Macbridea caroliniana</i> Carolina Bogmint C: blackwater swamps, savanna/pocosin ecotones, ditches (Bladen, Brunswick, Columbus, Harnett, Johnston, Jones*, Pender, Robeson)	E	FSC	S2	G2G3
<i>Magnolia macrophylla</i> Bigleaf Magnolia P: rich deciduous forests (Gaston, Henderson, Iredell, Lincoln, Surry, Wake)	T		S2	G5
<i>Malaxis bayardii</i> Appalachian Adder's-mouth MP: upland forests (Caldwell*, McDowell)	SR-T	FSC	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?

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<i>Marshallia grandiflora</i> Large-flowered Barbara's-buttons MP: bogs, dry basic soils (Henderson*, Polk*)	SC-H	FSC	SH	G3
<i>Marshallia legrandii</i> Oak Barrens Barbara's-buttons P: clayey upland soils over diabase (Granville)	SR-L	FSC	S1	G1
<i>Marshallia trinervia</i> Broadleaf Barbara's-buttons M: moist rocky streambanks and in calcareous clays (Macon*)	SC-H		SH	G3
<i>Matelea decipiens</i> Glade Milkvine PC: thin woodlands over mafic or calcareous rocks (Alamance, Alexander, Anson, Bertie, Burke, Davidson*, Durham, Franklin, Granville, Halifax, Hertford*, Lincoln, Martin, McDowell, Mecklenburg, Montgomery, Northampton, Orange, Richmond, Rutherford, Stanly, Wake)	SR-P		S3	G5
<i>Matelea obliqua</i> Climbing Milkvine M: dry, rocky woodlands over calcareous rocks (Madison)	SR-P		S1	G4?
<i>Meehania cordata</i> Meehania M: cove forests, boulderfields (Alleghany, Ashe, Avery*, Haywood, Madison, Watauga, Wilkes, Yancey)	SR-P		S2	G5
<i>Melica nitens</i> Three-flowered Melic M: open calcareous woods (Madison)	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, Watauga)	SR-T		S3	G3
<i>Micranthes pensylvanica</i> Swamp Saxifrage MP: bogs, seeps (Wake*, Watauga)	E		S1	G5
<i>Micropolypodium nimbatum</i> West Indian Dwarf Polypody M: spray zone behind waterfalls (Macon)	T		S1	G4?
<i>Milium effusum var. cisatlanticum</i> Millet-grass M: high elevation forests or openings (Swain)	SR-P		S1	G5T5
<i>Minuartia godfreyi</i> Godfrey's Sandwort T: tidal freshwater marshes (Craven, Jones*)	E	FSC	S1	G1

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<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?
<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 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)	SC-V		S3	G3
<i>Muhlenbergia glabriflora</i> Clay-pan Muhly P: clay soils (Durham*)	SR-P		SH	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, McDowell*, Mitchell*, Transylvania*)	SC-V		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
<i>Myriophyllum pinnatum</i> Cutleaf Water-milfoil CS: pools and ditches (Bladen, Brunswick, Currituck*)	SR-T		S1	G5

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<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*)	T		S2?	G5
<i>Nartheccium montanum</i> Appalachian Yellow Asphodel M: bogs (Henderson*)	SC-H		SX	GX
<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: tidal marshes (Brunswick, Dare, New Hanover, Pender, Tyrrell)	SR-L		S2S3	G2G3
<i>Oldenlandia boscii</i> Bosc's Bluet C: clay-based Carolina bays (Brunswick, Columbus, Cumberland, Hoke, Robeson, Scotland)	E		S2	G5
<i>Oplismenus setarius</i> Shortleaf Basket Grass TC: maritime forests, bottomlands (Bladen, Brunswick, Carteret, Dare, Onslow, Pender, Washington)	SR-P		S1	G5T5
<i>Orbexilum macrophyllum</i> Bigleaf Scurfpea M: low mountain forests or outcrops? (Polk*)	SC-H	FSC	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*)	SR-P		S1	G5
<i>Oreojuncus trifidus</i> Highland Rush M: high elevation rocky summits (Alleghany, Ashe, Buncombe, Cumberland, Mitchell)	SR-D		S1	G5

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<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	G3G5
<i>Oxypolis canbyi</i> Canby's Dropwort C: clay-based Carolina bays (Scotland)	E	E	S1	G2
<i>Pachysandra procumbens</i> Allegheny Spurge P: cove forests (Polk)	E		S1	G4G5
<i>Packera crawfordii</i> Bog Ragwort CM: bogs, fens, and wet savannas (Onslow, Pender, Watauga, Yancey)	SR-T		S1	G2G3
<i>Packera millefolium</i> Divided-leaf Ragwort M: granitic domes, other outcrops (Buncombe, Haywood, Henderson, Jackson, Macon, McDowell, Polk, Rutherford, Transylvania)	T	FSC	S2	G3
<i>Packera paupercula</i> var. <i>appalachiana</i> Prairie Ragwort M: mafic and calcareous glades, rock outcrops, and cliffs (Ashe, Clay, Madison)	T		S1	G5TNR
<i>Packera paupercula</i> var. <i>paupercula</i> Balsam Ragwort PMC: fens, bogs, and diabase glades (Avery*, Burke, Caldwell*, Clay, Granville, McDowell, Nash*, Rutherford, Transylvania*, Watauga*)	SR-P		S1?	G5
<i>Packera schweinitziana</i> Schweinitz's Ragwort M: grassy balds (Avery, Buncombe, Mitchell, Watauga, Yancey)	T		S2	G5?
<i>Packera serpenticola</i> Buck Creek Ragwort M: Serpentine barrens (Clay)	SR-L		S1	G1
<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 lithophilum</i> Flatrock Panic Grass MP: soil islands on granite flatrocks (Anson)	SR-T		S1	G2G3Q

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<i>Parietaria praetermissa</i> Large-seed Pellitory TC: shell middens, disturbed sites, maritime forests (Brunswick*, Carteret, Hyde, New Hanover*, Onslow)	SC-V		S1	G3G4
<i>Parnassia caroliniana</i> Carolina Grass-of-Parnassus CS: wet savannas (Bladen, Brunswick, Columbus, Cumberland, Harnett, Hoke, Lee*, Onslow, Pender, Scotland)	T	FSC	S2	G3
<i>Parnassia grandifolia</i> Large-leaved 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	FSC	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 vitacea</i> Woodbine 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		S1S2	G5
<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

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<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 (Beaufort*)	SR-P		S1	G5
<i>Persicaria hirsuta</i> Hairy Smartweed CS: limesink ponds, clay-based Carolina bays, 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	FSC	S3	G3
<i>Phacelia maculata</i> Spotted 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		S1	G5
<i>Phegopteris connectilis</i> Northern Beech Fern M: spray zone of waterfalls, spruce-fir forests, high elevation seepage bogs (Buncombe, Haywood, Jackson, Macon, Swain*, Transylvania)	E		S2	G5
<i>Phemeranthus piedmontanus</i> Piedmont Fameflower P: shallow soil over mafic rock, where periodically wet by seepage (Granville)	SR-L	FSC	S1	G1
<i>Phlox subulata</i> Moss Pink M: outcrops and glades, especially over mafic rocks (Ashe, Buncombe, Jackson*, Macon*, Madison, Yancey)	SR-P		S1	G5
<i>Pinguicula lutea</i> Yellow Butterwort C: savannas (Bladen, Brunswick, Columbus, New Hanover, Pender)	SR-P		S2	G4G5
<i>Pinguicula pumila</i> Small Butterwort C: savannas (Brunswick*, Carteret, Columbus, Onslow, Pender)	E		S2	G4
<i>Pityopsis graminifolia</i> var. <i>graminifolia</i> A Silkgrass C: savannas, pine flatwoods, sandy roadsides (Brunswick, Columbus)	E		S1	G5T4

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<i>Plantago cordata</i> Heart-leaf Plantain P: beds of small, slate-bottomed, perennial streams (Davidson)	E		S1	G4
<i>Plantago sparsiflora</i> Pineland Plantain C: wet savannas (Bladen*, Brunswick, Columbus, Onslow, Pender)	T	FSC	S1S2	G3
<i>Platanthera flava var. herbiola</i> Northern Rein Orchid M: bogs and moist forests (Buncombe*, Burke, Cherokee, Clay*, Forsyth*, Graham*, Haywood, Jackson*, Macon, Mitchell, Swain*, Transylvania, Watauga)	SR-P		S1?	G4?T4Q
<i>Platanthera grandiflora</i> Large Purple-fringed Orchid M: bogs, seeps, grassy balds, high elevation moist forests and banks (Alleghany, Ashe, Avery, Buncombe, Clay, Haywood*, Macon, McDowell, Mitchell, Swain, Transylvania*, Watauga, Yancey)	T		S2	G5
<i>Platanthera integra</i> Yellow Fringeless Orchid CMP: savannas (Brunswick, Carteret, Cherokee*, Columbus, Craven, Forsyth*, Henderson*, Jones, Onslow, Pamlico*, Pender, Robeson*, Rowan*)	SC-V		S2	G3G4
<i>Platanthera integrilabia</i> White Fringeless Orchid M: bogs (Cherokee*, Henderson*)	SC-H	T	SH	G2G3
<i>Platanthera nivea</i> Snowy Orchid C: wet savannas (Beaufort*, Bladen*, Brunswick, Columbus*, Craven, Dare*, Hoke*, New Hanover, Pender, Robeson*)	T		S1	G5
<i>Platanthera peramoena</i> Purple Fringeless Orchid MP: bogs, forests (Buncombe*, Burke*, Caldwell*, Clay*, Durham, Forsyth, Franklin, Graham, Guilford, Haywood, Henderson*, Jackson, Macon, Mitchell*, Orange, Swain*, Transylvania, Warren, Watauga, Yancey*)	T		S2	G5
<i>Platanthera shriveri</i> Shriver's Purple Fringed Orchid M: damp, open woods, often along seeps (Watauga*)	SR-T	FSC	SH	G1
<i>Poa paludigena</i> Bog Bluegrass M: bogs (Ashe, Avery, Watauga)	SR-T		S1	G3
<i>Poa palustris</i> Swamp Bluegrass M: spruce-fir forests, grassy balds (Ashe, Avery, Haywood*, Henderson*, Macon, Mitchell, Polk*, Swain, Yancey*)	SR-P		S1	G5

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<i>Poa saltuensis</i> A Bluegrass M: olivine barrens (Clay, Haywood)	T		S1	G5
<i>Polemonium reptans var. reptans</i> Jacob's Ladder PM: moist, nutrient-rich forests such as bottomlands and rich slopes (Ashe, Iredell, Rockingham, Stokes*, Watauga*)	T		S1	G5T5
<i>Polygala hookeri</i> Hooker's Milkwort C: savannas (Brunswick, Carteret, Columbus, Craven, New Hanover, Onslow, Pender)	SC-V		S2S3	G3
<i>Polygala nana</i> Dwarf Milkwort M: habitat in North Carolina not known (Buncombe*)	SR-D		SH	G5
<i>Polygala senega</i> Seneca Snakeroot MP: woodlands and in thin soil around outcrops, usually over mafic or calcareous rocks (Ashe, McDowell, Stanly, Transylvania, Wake)	SR-D		S2	G4G5
<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	G4
<i>Potamogeton illinoensis</i> Illinois Pondweed C: alkaline waters of streams, rivers, lakes, and ponds (Brunswick*, Dare)	SR-D		S1	G5

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<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*)	T		S2S3	G5
<i>Prunus alleghaniensis var. 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	G5T4T5
<i>Pseudognaphalium helleri</i> Heller's Rabbit-Tobacco PS: dry woodlands, openings, and glades, especially over mafic rocks (Anson*, Cabarrus, Davidson, Davie*, Forsyth*, Franklin*, Gaston, Granville, Guilford*, Halifax*, Hoke, Iredell*, Mecklenburg, Montgomery, Northampton*, Orange*, Person*, Richmond*, Rowan*, Scotland*, Union, Wake)	SR-P		S3	G4G5T3T4
<i>Pseudognaphalium micradenium</i> Small Rabbit-Tobacco P: dry woodlands (Caswell, Durham*, Granville*, Person, Stokes*, Vance)	SR-T		S1	G4G5T3?
<i>Ptilimnium ahlesii</i> Carolina Bishopweed C: tidal freshwater marshes (Brunswick, New Hanover)	SR-T	FSC	S1	G1
<i>Ptilimnium costatum</i> Ribbed Bishop-weed CT: tidal swamps or marshes (New Hanover)	T		S1	GNR
<i>Ptilimnium nodosum</i> Harperella P: rocky riverbeds (Chatham, Granville, Lee)	E	E	S1	G2
<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

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<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	FSC	S1	G2
<i>Pycnanthemum virginianum</i> Virginia Mountain-mint CMP: forests, woodland borders, bogs (Alleghany, Brunswick, Caswell, Henderson, Wake)	SR-P		S1?	G5
<i>Pyrola elliptica</i> Elliptic Shinleaf M: moist forests (Ashe, Watauga*)	E		S1	G5
<i>Pyxidantha brevifolia</i> Sandhills Pyxie-moss S: sandhills (Brunswick*, Cumberland, Harnett, Hoke, Lee, Moore)	SR-L	FSC	S3	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)	SR-P		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, Carteret, New Hanover)	SR-P		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

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<i>Ranunculus flabellaris</i> Yellow Water-crowfoot C: pools in blackwater swamps (Bertie, Edgecombe*, Gates*)	SC-H		S1	G5
<i>Ranunculus hederaceus</i> Ivy Buttercup C: marshes (Currituck*, Onslow)	E		S1	G5
<i>Ranunculus micranthus</i> Rock Buttercup P: rich woods on circumneutral soil (Caswell, Durham, Person*)	SR-P		S1	G5
<i>Rhexia aristosa</i> Awned Meadow-beauty C: clay-based Carolina bays and limesink ponds (Bladen, Brunswick*, Cumberland*, Hoke, Onslow, Robeson, Sampson, Scotland)	SC-V		S3	G3G4
<i>Rhodiola rosea</i> Roseroot M: high elevation rocky summits (Ashe*, Avery*, Caldwell*, Mitchell*, Watauga*, Yancey*)	E		SH	G5
<i>Rhododendron cumberlandense</i> Cumberland Azalea M: grassy or shrub balds (Graham*, Haywood*, Jackson, Macon, Swain, Transylvania)	SR-P		S1	G4?
<i>Rhododendron prinophyllum</i> Election Pink M: high elevation forests (Ashe)	T		S1	G5
<i>Rhododendron vaseyi</i> 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)	SR-L		S3	G3
<i>Rhus michauxii</i> 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*)	E	E	S2	G2G3
<i>Rhynchospora alba</i> Northern White Beaksedge MCS: fens, bogs, pocosin openings, limesink ponds (Alleghany, Ashe, Bladen, Brunswick, Craven, Cumberland*, Currituck, Dare, Mitchell, Pender*, Rutherford, Tyrrell, Watauga, Yancey)	SR-P		S2	G5
<i>Rhynchospora crinipes</i> Alabama Beaksedge S: seepy banks of blackwater rivers (Hoke, Moore)	T	FSC	S1	G2G3
<i>Rhynchospora decurrens</i> Swamp Forest Beaksedge C: swamp forests (Brunswick, Columbus, Onslow, Pender)	T		S1S2	G3G4

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<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	G3G4
<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	G3
<i>Rhynchospora microcarpa</i> Southern Beaksedge CTP: maritime wet grasslands, clay-based Carolina bays, limesink ponds, swamp forests (Brunswick, Carteret, Columbus, Dare, Pender)	SR-P		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	G5?T3?
<i>Rhynchospora pleiantha</i> Coastal Beaksedge C: limesink ponds (Bladen, Brunswick, Carteret, New Hanover, Onslow)	T	FSC	S2	G2G3
<i>Rhynchospora thornei</i> Thorne's Beaksedge C: wet savannas (Brunswick, Onslow, Pender)	SC-V	FSC	S2	G3
<i>Rhynchospora tracyi</i> Tracy's Beaksedge C: clay-based Carolina bays, limesink ponds (Brunswick, New Hanover, Onslow, Scotland)	T		S2	G4
<i>Robinia hartwigii</i> Hartweg's Locust M: high elevation granitic domes (Jackson, Macon, Mitchell*)	SR-L	FSC	S1S2	G3T2
<i>Robinia hispida var. fertilis</i> Fruitful Locust M: acidic cove forests, northern hardwoods forests, high elevation granitic domes (Alleghany, Avery, Burke*, Graham*, Haywood, Jackson, Macon*, McDowell*, Stokes, Swain, Wilkes)	SR-O		S1	G4T1Q

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<i>Robinia hispida var. kelseyi</i> Kelsey's Locust M: high elevation red oak forests, dry rocky woods (Buncombe*, Burke*, Haywood, Henderson, Madison, Transylvania*)	SR-O		S1	G4T1
<i>Robinia viscosa</i> Clammy Locust MP: open woods (Catawba*, 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 dalibarda</i> Robin Runaway M: bogs and moist woods under rhododendrons (Alleghany, Ashe, Transylvania)	E		S2	G5
<i>Rubus idaeus ssp. strigosus</i> Red Raspberry M: high elevation spruce-fir forests and openings (Buncombe, Haywood, Jackson, Swain, Yancey)	T		S2?	G5T5
<i>Rudbeckia heliopsidis</i> Sun-facing Coneflower C: moist pine flatwoods and woodland borders (Harnett, Moore)	E	FSC	S1	G2
<i>Rudbeckia triloba var. beadlei</i> Chauncey's Coneflower M: mafic cliffs (Buncombe, Graham, Madison, Swain)	SR-T		S1	G5TNR
<i>Ruellia ciliosa var. ciliosa</i> Sandhills Wild-petunia S: sandhills, especially in loamy, submesic swales (Cumberland, Hoke, Richmond, Scotland)	T		S2	G5T3T5
<i>Ruellia humilis</i> Low Wild-petunia P: diabase glades (Durham, Granville, Stanly, Wake)	E		S1	G5
<i>Ruellia purshiana</i> 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*)	SC-V		S2	G3
<i>Ruellia strepens</i> Limestone Wild-petunia C: low woods over marl (Bertie, Pender, Richmond)	E		S1	G4G5
<i>Rugelia nudicaulis</i> Rugel's Ragwort M: spruce-fir forests (Haywood, Swain)	SR-L	FSC	S3	G3
<i>Sabal palmetto</i> Cabbage Palm TC: maritime forests on the southeastern coast (Brunswick, Carteret*, Dare, New Hanover)	T		S1	G5

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<i>Sabatia kennedyana</i> Plymouth Gentian C: drawdown zones on banks of blackwater rivers (Brunswick, Columbus)	T		S2	G3
<i>Sageretia minutiflora</i> Small-flowered Buckthorn C: shell middens (Carteret, Onslow, Pender)	T		S1	G4
<i>Sagittaria chapmanii</i> Chapman's Arrowhead C: limesink ponds (Bladen, Carteret, Columbus, Onslow)	E		S1	G5T3?
<i>Sagittaria fasciculata</i> Bunched Arrowhead M: bogs and mountain swamp forests (Buncombe*, Henderson)	E	E	S1	G2
<i>Sagittaria filiformis</i> Water Arrowhead C: blackwater streams, rivers, and lakes (Bladen, Columbus*, Craven*, Pender, Wilson*)	SR-P		SH	G4G5
<i>Sagittaria isoetiformis</i> Quillwort Arrowhead CS: limesink ponds, clay-based Carolina bays, beaver ponds, natural lakes (Bladen, Brunswick*, Columbus, Cumberland, Hoke, New Hanover, Sampson, Scotland, Washington)	T		S2	G4?
<i>Sagittaria macrocarpa</i> Streamhead Sagittaria S: shoreline of blackwater stream impoundment (Hoke, Moore)	T	FSC	S2	G5T2
<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	G5T3T4
<i>Salvia azurea</i> Azure Sage SC: sandhills (Anson, Hoke, New Hanover*, Richmond, Scotland)	SR-P		S2	G4G5
<i>Sarracenia jonesii</i> Mountain Sweet Pitcher Plant M: bogs (Buncombe, Henderson, Transylvania)	E	E	S1	G4T2
<i>Sarracenia minor var. minor</i> Hooded Pitcherplant C: savannas (Brunswick, Columbus, New Hanover)	E		S2	G4T4
<i>Sarracenia oreophila</i> Green Pitcher Plant M: seepage bogs (Clay)	E	E	S1	G2
<i>Sarracenia purpurea var. montana</i> Southern Appalachian Purple Pitcherplant M: mountain bogs, seepage bogs (Henderson, Jackson, Macon, Transylvania)	SR-L	FSC	S1S2	G5T1T3

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<i>Sceptridium jenmanii</i> Alabama Grape-fern MP: moist woods (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?
<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, 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> Hardstem Bulrush C: natural lakes (Carteret*, Craven*, Hyde*)	SR-P		SH	G5
<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	S2	G2G3
<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	FSC	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

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<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)	SR-L	FSC	S1	G2G3
<i>Scleria reticularis</i> Netted Nutrush CS: clay-based Carolina bays, limesink ponds (Brunswick, Cumberland, Hoke, New Hanover, Onslow, Sampson, Scotland)	T		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)	SR-T		S2	G4
<i>Scrophularia lanceolata</i> American Figwort P: woodlands and forests (Guilford)	SR-P		S1	G5
<i>Scutellaria australis</i> Southern Skullcap PS: alluvial forests (Anson*, Granville, Johnston*, Lee*, Orange*, Richmond*, Wake*)	E		S1	G4T4?
<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	G4T4
<i>Scutellaria nervosa</i> Veined Skullcap P: alluvial forests (Chatham*, Durham*, Granville, Halifax, Jackson*, Northampton, Person, Wake, Warren*)	E		S1	G5
<i>Scutellaria ovata ssp. rugosa var. 1</i> Appalachian Skullcap M: rocky forests, boulderfields (Buncombe, Madison, Rutherford)	SR-T		S1	G1?Q
<i>Scutellaria saxatilis</i> Rock Skullcap MP: northern hardwoods forests, rocky woodlands (Alleghany, Ashe, Cherokee, Graham, Mitchell, Watauga*, Yancey)	SR-T		S1	G3

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<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, Macon, Transylvania*)	SC-H		S1	G4
<i>Sesuvium maritimum</i> Slender Sea-purslane T: seabeaches, marshes (Brunswick, Dare, New Hanover)	SR-O		S1?	G5
<i>Sesuvium portulacastrum</i> Shoreline Sea-purslane T: seabeaches (Brunswick, Carteret, Dare, New Hanover, Onslow)	SR-P		S1	G5
<i>Seymeria pectinata</i> Sticky Afzelia C: disturbed habitats (Brunswick*, Columbus*)	SC-H		SH	G4G5
<i>Shortia galacifolia</i> var. <i>brevistyla</i> Northern Oconee Bells M: streambanks, slopes, and outcrops in humid gorges (McDowell)	E	FSC	S2	G3T2
<i>Shortia galacifolia</i> var. <i>galacifolia</i> Southern Oconee Bells M: streambanks, slopes, and outcrops in humid gorges (Jackson*, Macon, Swain*, Transylvania)	SC-V	FSC	S2	G3T2T3
<i>Sida elliotii</i> var. <i>elliotii</i> Coastal Plain Sida P: stream banks, sandy woodlands (Iredell)	SR-P		S1	G4G5TNR
<i>Sideroxylon tenax</i> Tough Bumelia T: maritime forests and scrub (Brunswick, New Hanover)	T	FSC	S1	G3?
<i>Silene ovata</i> Mountain Catchfly M: rich slopes, cove forests, montane oak-hickory forests (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, Iredell, Rockingham, Stokes, Surry, Yadkin)	SC-V		S2	G5T3T4
<i>Silphium perfoliatum</i> Northern Cup-plant PM: floodplains (Alleghany, Ashe, Cabarrus, Forsyth, Iredell*, Mecklenburg, Stokes, Surry)	T		S1	G5

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<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, Polk, Rutherford)	E	E	S2	G2
<i>Smilax hugeri</i> Huger's Carrion-flower MP: deciduous forests (Anson, Clay, Cumberland, Graham, Macon, Montgomery, Richmond, Swain)	SR-P		S2	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*)	T		S1	G3G4
<i>Solidago plumosa</i> Yadkin River Goldenrod P: riverside rocks (Montgomery, Stanly)	T	FSC	S1	G1
<i>Solidago ptarmicoides</i> Prairie Goldenrod P: diabase glades (Granville, Rowan*)	E		S1	G5
<i>Solidago radula</i> Western Rough Goldenrod P: dry woodlands over mafic rocks (Montgomery, Stanly, Wake*)	E		S1	G5?
<i>Solidago rigida var. glabrata</i> Southeastern Bold Goldenrod P: diabase glades, other open sites over mafic rock (Cabarrus, Durham, Granville, Mecklenburg*, Person, Rockingham, Union)	SR-P		S2	G5T4
<i>Solidago rigida var. rigida</i> Prairie Bold Goldenrod M: forest openings, presumably on mafic or calcareous rocks (Buncombe*, Haywood*, Macon, Madison*, McDowell)	T		S1	G5T5
<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	FSC	S2	G2

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<i>Solidago spithamea</i> Blue Ridge Goldenrod M: high elevation rocky summits (Ashe, Avery, Buncombe, Mitchell, Watauga)	T	T	S2	G2
<i>Solidago squarrosa</i> Squarrose Goldenrod M: moist forests at high elevations (Buncombe*, Jackson, Watauga)	SR-P		S1	G4?
<i>Solidago tortifolia</i> Twisted-leaf Goldenrod CS: dry savannas and and mesic flats (Bladen, Brunswick*, Hoke, Jones*, New Hanover*, Pender, Robeson*, Scotland*)	E		S1	G4G5
<i>Solidago uliginosa var. uliginosa</i> Bog Goldenrod MSP: bogs, seeps (Ashe, Clay*, Haywood, Macon*, Madison*, Transylvania, Watauga, Yancey)	SR-P		S1S2	G4G5T4T5
<i>Solidago ulmifolia</i> Elm-leaf Goldenrod PM: wooded stream banks (Burke, Durham*, Jackson, McDowell, Rockingham, Rutherford)	SR-D		S1?	G5
<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)	SR-O		S3	G3
<i>Solidago villosicarpa</i> Coastal Goldenrod C: edges and openings in maritime upland forests (Brunswick, Craven, Dare, New Hanover*, Onslow, Pender)	E	FSC	S1	G1
<i>Sparganium emersum</i> Greenfruit Bur-reed M: pondshores (Avery, Jackson*, Macon, Watauga)	T		S1	G5
<i>Spartina pectinata</i> Freshwater Cordgrass MCS: freshwater marshes, spray zones of waterfalls, other moist sites (Alleghany, Ashe, Chowan*, Mitchell*, Montgomery*, Pasquotank, Transylvania)	SC-V		S1	G5
<i>Spigelia marilandica</i> Pink-root M: open woods (Cherokee)	T		S1	G4
<i>Spiraea corymbosa</i> Shinyleaf Meadowsweet P: open woods, thin soil over rock (Alexander, Alleghany, Catawba, Stokes)	E		S1	G5T4?
<i>Spiraea virginiana</i> Virginia Spiraea M: riverbanks (Ashe, Buncombe, Graham, Macon, Mitchell, Swain, Transylvania, Yancey)	T	T	S2	G2

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<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)	E		S2	G2G4
<i>Spiranthes floridana</i> Florida Ladies'-tresses C: wet savannas and other moist sites (Brunswick, Pender*)	SR-P	FSC	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
<i>Spiranthes ochroleuca</i> Yellow Ladies'-tresses M: grassy balds, meadows, wooded slopes (Ashe, Avery, Buncombe*, Haywood*, Rutherford, 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)	T	FSC	S2	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*)	SR-L		S1	GNR
<i>Stachys cordata</i> Heartleaf Hedge-nettle M: rich forests, especially over calcareous rock (Madison, Montgomery)	SR-P		S1	G5?
<i>Stachys eplingii</i> Epling's Hedge-nettle M: bogs (Burke*, Henderson, Jackson*, Watauga)	SR-T		S1	G5

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<i>Stachys matthewsii</i> Yadkin Hedge-nettle P: sandy edges of forested floodplains (Durham*, Granville, Montgomery)	SR-T	FSC	S1	G1G2
<i>Stachys tenuifolia</i> Smooth Hedge-nettle C: swamp forests, edges of bottomlands (Bertie, Burke, Jackson, Macon, Martin, Northampton)	SR-D		S1	G5
<i>Stenanthium gramineum var. robustum</i> Bog Featherbells M: bogs and wet meadows (Alleghany, Ashe, Avery)	T		S1	G4G5T3T5
<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		S2	G4
<i>Streptopus amplexifolius</i> White Mandarin M: spruce-fir forests, northern hardwoods forests (Buncombe, Haywood, Jackson, Mitchell, Swain*, Yancey)	SC-V		S1	G5
<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 var. pickeringii</i> Pickering's Dawnflower SC: sandhills (Bladen, Carteret, Cumberland, Harnett, Hoke, Moore, New Hanover, Richmond, Sampson, Scotland)	SC-V	FSC	S3	G4T3
<i>Symphotrichum 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*)	T		S2	G4
<i>Symphotrichum depauperatum</i> Serpentine Aster P: diabase glades (Granville)	E	FSC	S1	G2
<i>Symphotrichum 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

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<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 rhiannon</i> Buck Creek Aster M: serpentine pine barrens (Clay)	T	FSC	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)	E		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	S2	G2
<i>Thalictrum macrostylum</i> Small-leaved Meadowrue 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)	SR-T		S2	G3G4
<i>Thaspium pinnatifidum</i> Mountain Thaspium M: calcareous slopes (Jackson*, Macon, Madison, McDowell, Swain*)	T	FSC	S1	G2G3
<i>Thelypteris simulata</i> Bog Fern M: bogs (Alleghany, Avery)	E		S1	G4G5
<i>Thermopsis fraxinifolia</i> Ash-leaved Golden-banner MP: dry ridges (Buncombe, Burke, Henderson, Jackson, Macon, McDowell, Polk, Stokes, Surry, Transylvania, Yancey)	SC-V		S2?	G3?
<i>Thermopsis mollis</i> Appalachian Golden-banner 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)	SC-V		S2	G3G4

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<i>Tomostima reptans</i> Creeping Draba P: dry soil (Lincoln*)	SR-P		SH	G5
<i>Torreyochloa pallida var. pallida</i> Pale Mannagrass CM: blackwater pools, old millponds, and small stream swamps (Avery*, Columbus*, Currituck, Duplin*, Gates, Harnett, Henderson, Martin)	SR-P		S1	G5
<i>Tradescantia virginiana</i> Virginia Spiderwort P: rich woods on circumneutral soils (Ashe, Burke, Caswell, Harnett, Lincoln, McDowell, Mecklenburg, Montgomery*, Moore, Orange, Randolph, Rockingham, Rutherford, Stanly, Surry, Wake)	T		S1	G5
<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 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>Trichostema sp. 1</i> Dune Bluecurls T: dunes, openings in maritime forest and scrub (Brunswick, Carteret, Dare, Hyde, New Hanover)	SR-L	FSC	S2	G2
<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, Durham*, Hoke, Jones, Martin*, Montgomery, Moore, Orange*, Pender, Richmond, Scotland*)	T		S1S2	G5T3
<i>Tridens strictus</i> Spike Triodia C: pine flatwoods (Duplin*, Hoke*, Pender*, Robeson*)	SC-H		SH	G5
<i>Trientalis borealis</i> Starflower M: coves, northern hardwood forest (Buncombe, Cherokee, Graham, Haywood)	E		S1	G5

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<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	G4
<i>Trillium flexipes</i> Bent White Trillium M: rich coves (Cherokee, Henderson, Swain*)	SC-H		S1	G5
<i>Trillium pusillum var. ozarkanum</i> Alabama Least Trillium M: rich cove forests (Clay, Haywood*, Macon)	E		S1	G3T3
<i>Trillium pusillum var. pusillum</i> Carolina Least Trillium CP: ecotones between savannas and nonriverine wet hardwood forests, over marl (Onslow, Pender)	E	FSC	S2	G3T2Q
<i>Trillium pusillum var. virginianum</i> Virginia Least Trillium C: mesic to swampy hardwood forests (Camden, Currituck, Gates, Halifax, Johnston, Nash, Wake)	E	FSC	S1	G3T2
<i>Trillium recurvatum</i> Prairie Trillium M: rich coves (Catawba)	SR-P		S1	G5
<i>Trillium sessile</i> Sessile-flowered Trillium C: rich alluvial levees and slopes (Halifax, Northampton)	T		S1	G4G5
<i>Trillium simile</i> Sweet White Trillium MP: rich coves (Buncombe, Burke, Cherokee, Graham, Haywood*, Henderson, Jackson, Macon, Madison, McDowell, Polk, Rutherford, Swain*, Yancey)	T		S2	G3
<i>Trisetum spicatum</i> Soft Trisetum M: grassy balds and/or high elevation rocky summits (Mitchell*)	SC-H		SH	G5
<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)	E		S1	G4G5

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<i>Utricularia cornuta</i> Horned Bladderwort CM: bogs, limesink ponds (Ashe, Brunswick, Columbus, Franklin, New Hanover, 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, Macon, 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
<i>Vaccinium virgatum</i> Small-flower Blueberry S: pocosins, blackwater swamps, mesic pine flatwoods, sandhill seeps (Brunswick, Craven, Cumberland, Hoke, Jones, Moore, Pender, Pitt, Richmond, Robeson, Scotland, Wake)	SR-P		S1	G4
<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>Veratrum woodii</i> Ozark Bunchflower M: circumneutral soil of woodlands over mafic rocks such as amphibolite or other calcareous substrates (Polk)	T		S1	G5

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<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-T		S1	G4G5
<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)	SC-V		S3	G3
<i>Xyris floridana</i> Florida Yellow-eyed-grass C: savannas (Brunswick, Carteret, Columbus, Hoke, Onslow, Pender, Robeson*)	T		S1	G5T4T5
<i>Xyris scabrifolia</i> Harper's Yellow-eyed-grass S: sandhill seeps and bogs (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	SC-V		S2	G3
<i>Xyris serotina</i> Acid-swamp Yellow-eyed-grass C: savannas (Columbus*)	T		S1	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 (Alleghany, Brunswick, Carteret, Dare, Hyde, New Hanover, Onslow, Pender)	SR-P		S2?	G4?

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<i>Zephyranthes simpsonii</i> Rain Lily C: roadsides, calcareous coastal fringe forest (Brunswick)	E	FSC	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>Astomum ludovicianum</i> A Moss CP: moist soil, fields, among grasses, roadside banks (Durham*, Johnston*, Rowan, Sampson*)	SR-T		S1?	G3G4
<i>Bellibarbula recurva</i> Recurved bryoerythrophyllum moss M: thin soil over moist rock	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 andersonii</i> Anderson's Melon-moss M: on humus in acidic cove forests - mixed hardwood-hemlock (Macon)	SR-L		SH	GH
<i>Brachymenium systylium</i> Mexican Melon-moss M: on humus in acidic cove forests mixed hardwood-hemlock (Macon*, Rutherford)	SR-D		S1	G5
<i>Brachythecium populeum</i> Matted Feather Moss M: mountain forests (Avery*, Caldwell*, Rutherford, Watauga*)	SR-P		S1	G5
<i>Brachythecium rotaeanum</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	G3G4
<i>Bruchia brevifolia</i> A Pygmy Moss C: soil of disturbed habitats (Harnett*, Pender*, Sampson)	SR-T		S1?	G3G4

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<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
<i>Buxbaumia aphylla</i> Bug-on-a-stick M: forests, roadside banks (Haywood*)	SR-O		SH	G4G5
<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 var. 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

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<i>Campylopus caroliniae</i> Savanna Campylopus C: savannas, sandhills (Brunswick, Carteret, Columbus, Cumberland, Sampson, Scotland)	SR-T	FSC	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> Prairie Pleuridium 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
<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

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<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?
<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> Sullivant'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 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

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<i>Fissidens hallii</i> Hall's Pocket Moss C: on bark in cypress-gum swamps (Jones*)	SR-T		S1	G2
<i>Fissidens scalaris</i> A Plume Moss P: bare, disturbed soil of stream banks and roadsides (Mecklenburg*)	SR-O		SH	GNR
<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 (Macon, 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 Firs and Red Spruces in spruce-fir forests (Avery, Caldwell, Haywood, Jackson, Mitchell, Swain, Transylvania*, Watauga)	SR-L		S1	G2

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<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
<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

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<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	G5
<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
<i>Pleuroidium sullivantii</i> A 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?	G5?
<i>Pogonatum dentatum</i> Hair-like Hair-cap M: dry, sunny habitats, sandy or gravelly soil, rocks (Mitchell)	SR-P		S1?	G5

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<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?	G4?
<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> A 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
<i>Schlotheimia lancifolia</i> Highlands Moss M: on bark of hardwoods in cove forests (Clay, Graham, Jackson, Macon, Transylvania)	SR-O		S1	G2
<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 (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

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<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 flavicomans</i> Peatmoss M: spray cliff, spruce-fir forest, or high elevation rocky summit (Macon*, Mitchell*)	SR-T		SH	G4
<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
<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	G4
<i>Sphagnum warnstorffii</i> Fen Peatmoss M: bogs and fens (Alleghany, Burke, McDowell, Watauga)	SR-D		S1	G5

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Splachnum pennsylvanicum</i> Southern Dung Moss M: bogs (Avery*, Macon*)	SR-O		SH	G4?
<i>Syrrophodon 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> A Moss M: on limestone in spray zones of waterfalls (Macon*)	SR-T		S1	G2G4
<i>Tetradontium brownianum</i> Little Georgia M: shady recesses of rock overhangs (Jackson, Transylvania)	SR-T		S1	G3G4
<i>Tortula ammonsiana</i> Ammons's Tortula M: shaded rock faces, probably with nutrient-rich seepage (Jackson)	SR-O		S1	G1G3
<i>Tortula fragilis</i> Fragile Tortula M: shaded rock faces, probably with nutrient-rich seepage (Jackson*)	SR-D		S1	G5
<i>Tortula papillosa</i> Papillose Tortula PM: bark of hardwoods (Davie*, Haywood, Madison*, Orange, Surry*, Watauga)	SR-P		S1	G5
<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 sharpii</i> A Moss P: calcareous rock, cedar-oak bluffs, cedar barrens (Davidson, Rutherford)	SR-O		S1?	G3
<i>Zygodon viridissimus var. 1</i> A Moss M: bark of hardwoods in dry oak-hickory forests (Alleghany*)	SR-L		SH	GU

Liverworts

<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?
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Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Anastrophyllum saxicola</i> A Liverwort M: high elevation rocky summits (Mitchell*)	SR-D		S1	G3G4
<i>Aneura sharpii</i> A Liverwort MP: in spray zones of waterfalls (Alleghany, Durham*, Jackson*, Macon*, McDowell, Rutherford, Swain, Transylvania*, Watauga)	SR-T		S1	G1G2
<i>Barbilophozia barbata</i> A Liverwort M: on high elevation rocky summits (Alleghany*, Ashe, Wilkes*)	SR-D		S1	G5
<i>Barbilophozia hatcheri</i> A Liverwort M: on high elevation rocky summits (Ashe, Yancey*)	SR-D		S1	G5
<i>Bazzania nudicaulis</i> A Liverwort M: on bark of Fraser Fir or on shaded rock in spruce-fir forests (Avery, Buncombe*, Caldwell, Mitchell, Swain, Watauga, Yancey)	SR-T		S2	G2G3
<i>Cephalozia connivens var. bifida</i> A Liverwort C: moist riverbank (New Hanover*, Pender*)	SR-T		S1	G5T1Q
<i>Cephalozia macrostachya ssp. australis</i> A Liverwort M: on moist rocks in humid gorges (Burke*, Jackson*, Macon*)	SR-T		S1	G4T1
<i>Cephalozia pleniceps var. caroliniana</i> A Liverwort M: edge of stream (Transylvania*)	SR-L		SH	G5T1
<i>Cephalozia pleniceps var. pleniceps</i> A Liverwort M: moist soil near a spring (Yancey*)	SR-D		SH	G5T5
<i>Cephaloziella hampeana</i> A Liverwort M: fens (Ashe*, Rutherford)	SR-D		S1	G5
<i>Cephaloziella spinicaulis</i> A Liverwort M: in crevices of high elevation rocky summits (Alleghany*, Ashe*, Haywood, Macon, Madison, McDowell, Transylvania)	SR-P		S1	G3G4
<i>Cheilolejeunea evansii</i> A Liverwort M: on bark of hardwoods in humid gorges (Jackson, Macon, Transylvania)	SR-L		S1	G1G2
<i>Cheilolejeunea myriantha</i> A Liverwort MC: on tree bark in sandhills or mountain forests (Sampson*, Transylvania*)	SR-P		SH	G3G4

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Cheilolejeunea rigidula</i> A Liverwort CT: on bark in maritime forests, and in blackwater swamp forests (Brunswick, Columbus*, Hyde*)	SR-P		S2	G5
<i>Chiloscyphus appalachianus</i> A Liverwort M: on rock faces in spray zone of waterfalls (Burke, Cherokee, Graham, Jackson, Macon, McDowell, Rutherford)	SC-V		S1	G1G2Q
<i>Chiloscyphus muricatus</i> A Liverwort M: on rocks or bark in humid gorges (Burke, Jackson, Macon*, Transylvania)	SC-V		S1	G5
<i>Cololejeunea ornata</i> A Liverwort M: on bark of trees, sometimes over other liverworts	SR-T		SH	G2G4
<i>Cylindrocolea rhizantha</i> A Liverwort C: on marl outcrops (Columbus*)	SR-P		SH	G3?
<i>Diplophyllum apiculatum var. taxifolioides</i> A Liverwort M: moist soil or rocks (Ashe*, Burke*, Haywood*, McDowell, Mitchell*)	SR-L		S1	G5T2Q
<i>Diplophyllum obtusatum</i> A Liverwort M: on rock outcrops (Buncombe*, Burke*, McDowell*)	SR-D		S1	G2?
<i>Diplophyllum taxifolium var. 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)	SC-V		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?	G1?
<i>Frullania donnellii</i> A Liverwort C: on bark of Ilex in marshes (Carteret*)	SR-T		SH	G3?
<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

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<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
<i>Lejeunea cavifolia</i> A Liverwort M: on shaded mafic rocks (Ashe*, Polk*, Swain)	SR-P		S1	G5
<i>Lejeunea dimorphophylla</i> A Liverwort TC: on bark in maritime forests (Carteret*)	SR-L		S1	G2G3
<i>Lejeunea glaucescens var. acrogyna</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	G4G5
<i>Lopholejeunea muelleriana</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>Lophozia heterocolpos</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 emarginata var. latiloba</i> A Liverwort M: on moist rocks in humid gorges, spray zones of waterfalls, or high elevations (Burke, Haywood*, Jackson*, Macon*, McDowell*, Mitchell*, Transylvania*)	SR-L		S1	G5T1T2
<i>Marsupella funckii</i> A Liverwort M: on high elevation, sulphur-bearing rock (Swain*)	SR-D		S1	G4G5
<i>Metzgeria temperata</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

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Metzgeria violacea</i> A Liverwort M: bark of trees (Haywood, Jackson)	SR-D		S1S2	G4
<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 ssp. botryoidea</i> A Liverwort P: exposed rock ledges sometimes wet from seepage (Burke)	SR-O		S1	G5T1
<i>Nardia scalaris ssp. 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	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 corniculata</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 dubia</i> A Liverwort CP: on bark at bases of trees in swamps (Brunswick, Columbus*)	SR-P		S1	G4G5
<i>Plagiochila echinata</i> A Liverwort M: rocks and streambanks in humid gorges, spray zone of waterfalls (Graham, Jackson, Macon*, Transylvania)	SR-L		S1	GNRT2
<i>Plagiochila ludoviciana</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 miradorensis var. miradorensis</i> A Liverwort T: on bark in maritime forests and swamps (Carteret*)	SR-P		SH	G4T4

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Plagiochila sharpii</i> A Liverwort M: damp rock faces in humid gorges, high elevation rocky summits (Buncombe, Graham, Haywood*, Jackson, Macon, Transylvania, Yancey*)	SR-L	FSC	S2	G2G4
<i>Plagiochila sullivantii</i> var. <i>spinigera</i> A Liverwort M: on moist rocks in spray zones of waterfalls (Burke*, Jackson*, McDowell*, Transylvania*)	SR-L	FSC	S1	G2T1
<i>Plagiochila sullivantii</i> var. <i>sullivantii</i> A Liverwort M: on moist rocks, in spray zones of waterfalls and in spruce-fir forests (Avery, Burke, Caldwell*, Cherokee*, Clay*, Graham, Haywood*, Jackson*, Macon*, McDowell, Mitchell*, Swain*, Transylvania, Watauga*, Yancey*)	SR-T	FSC	S2	G2T2
<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	FSC	S1	G3T2
<i>Plagiochila virginica</i> var. <i>virginica</i> A Liverwort CM: on limestone (Ashe, 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	FSC	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
<i>Riccardia jugata</i> A Liverwort M: on fallen logs in humid areas, especially gorges (Graham, Haywood, 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	FSC	S2	G2?
<i>Tritomaria exsectiformis</i> ssp. <i>exsectiformis</i> A Liverwort M: on high elevation rocky summits (Ashe*)	SR-D		SH	G5T5

Scientific Name	Status		Rank	
Common Name	N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)				

Hornworts

<i>Aspiromitus appalachianus</i>	SR-L	FSC	S1	G1
A Hornwort				
M: on rocks on streambeds (Transylvania*)				

Lichens

<i>Anaptychia crinalis</i>	SR-D		S1	G5
Hanging Fringe Lichen				
M: high elevation rocky summits and exposed tree twigs on dry ridges (Mitchell)				
<i>Anzia americana</i>	SR-T		S1	G3G5
A Black-foam Lichen				
M: on bark of trees in humid gorges (Transylvania*)				
<i>Anzia ornata</i>	SR-T		SH	G1G3
A Black-foam Lichen				
C: on bark of deciduous trees where humidity is fairly high (Duplin*)				
<i>Canoparmelia amabilis</i>	SC-V	FSC	S1	G1
Worthy Shield Lichen				
M, P, C: on bark of trees in open woods or on sandstone in river gorges (McDowell, Polk*, Randolph, Rutherford, Transylvania, Wake)				
<i>Cetraria arenaria</i>	SC-V		S2	G4
Sand-loving Iceland Lichen				
M: high elevation rocky summits, sandy soil, or thin soil over bedrock (Ashe, Avery, Watauga)				
<i>Cetrelia cetrarioides</i>	SR-D		S2	G4G5
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*)				
<i>Cladonia psoromica</i>	T	FSC	S1	G1
Bluff Mountain Reindeer Lichen				
M: rock outcrops and fens and glades over amphibolite rock (Ashe)				
<i>Ephebe americana</i>	SR-T		S1	G2G3
A Rockshag Lichen				
M: high elevation rocky summits (Caldwell*, Haywood*, Jackson*, Transylvania)				
<i>Ephebe lanata</i>	SR-D		S1	G5
Rockshag Lichen				
MP: on rocks in rapidly flowing water and grottoes around mountain spray cliffs (Jackson*, Macon*, Stokes*, Transylvania*)				
<i>Gymnoderma lineare</i>	E	E	S3	G3
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)				

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Heterodermia appalachensis</i> Appalachian Fringe Lichen MP: hardwood bark or rock faces, possibly associated with old growth forests	SR-O		S1S2	G2?
<i>Hypotrachyna sinuosa</i> Green Loop Lichen M: on twigs or small branches in humid but open forests	SR-D		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)	SR-T		S1S2	G1G2
<i>Lobaria scrobiculata</i> Textured Lungwort M: on bark of hardwoods at high elevations (primarily spruce-fir zone) (Buncombe*)	SR-P		S2?	G4
<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	G3G4
<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 cinereoatra</i> Boulder Lichen M: high elevation rocky summits (Swain)	SR-T		S1	G5?
<i>Porpidia contraponenda</i> Boulder Lichen M: high elevation rocky summits (Swain)	SR-T		S1	G2G3
<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
<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 WATCH LIST

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. A field survey form is provided online at <http://www.ncnhp.org/share-data/contribute/plant-survey-form>. We request that people fill out this survey form and mail it to NCNHP after visiting occurrences of these species.

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 security.
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.
W4	Rare but Believed Not Native	Species known to occur in N.C. that current data suggest are not native to N.C. but whose native occurrence is plausible. Some of

CATEGORY	DESIGNATION	DESCRIPTION
		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 ranges in N.C.
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 these species in N.C.

Scientific Name	Common Name	Status		Rank	
Region:	Habitat Comments (Counties of Occurrence)	N.C.	U.S.	N.C.	Global

NORTH CAROLINA PLANT WATCH LIST

Vascular Plants

<i>Abies fraseri</i>		W5	FSC	S2	G2
Fraser Fir					
	M: spruce-fir forests (Ashe, Avery, Buncombe, Caldwell, Clay, Jackson, Mitchell, Swain, Transylvania, Watauga, Yancey)				
<i>Acer nigrum</i>		W7		S1?	G5
Black Maple					
	M: rich cove forests (Ashe, Macon, Madison, Swain*, Watauga*, Yancey*)				
<i>Agalinis aphylla</i>		W1		S3	G3G4
Scale-leaf Gerardia					
	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>		W1		S3	G4Q
Piedmont Gerardia					
	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>		W1		S3	G4?
Flaxleaf Gerardia					
	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>		W1		S2S3	G4G5Q
Blunt-leaf False-foxglove					
	C: savannas, seepage bogs, and wet ecotones (Bladen, Brunswick, Carteret, Columbus, Craven, Onslow, Pender)				
<i>Agarista populifolia</i>		W3		SNR	G4G5
Agarista					
	C: blackwater swamps (Columbus*)				
<i>Amelanchier sanguinea</i>		W1		S3	G5
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)				
<i>Amorpha schwerinii</i>		W1		S3	G3G4
Piedmont Indigo-bush					
	P: dry forests (Anson, Burke, Catawba, Cleveland, Davidson, Iredell*, Montgomery, Randolph, Rowan, Rutherford*, Stanly)				
<i>Ampelopsis cordata</i>		W7		S2	G5
Heartleaf Peppervine					
	PM: floodplain forests (Anson, Burke, Madison*, Richmond, Wake)				

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<i>Amphicarpum amphicarpon</i> Pinebarrens Goober 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 var. decipiens</i> Deceptive Bluestem C: pinelands and disturbed areas (Bertie*, Bladen*, Dare*, Duplin*, Hyde, Martin*, Nash*, Onslow, Pender)	W7		S1S2	G5T4
<i>Anemone minima</i> Dwarf Thimble-weed M: forests, openings (Burke)	W3		S2?	G5T3
<i>Angelica atropurpurea</i> Purple-stem Angelica M: roadsides (Alleghany, Haywood*, Wilkes)	W4		S2S3	G5
<i>Antennaria howellii ssp. petaloidea</i> A Pussytoes M: habitat in North Carolina not known (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> Lyre-leaved Rockcress CM: around calcareous or mafic rock outcrops (Alleghany*, Ashe, Avery, Buncombe*, Caldwell, Jackson, Jones*, Madison, McDowell*, Watauga*)	W1		S2	G5
<i>Aronia prunifolia</i> Purple Chokeberry M: bogs, seepages, and swamp forests (Ashe, Avery, Burke, Jackson, Macon, McDowell, Watauga)	W1		S2	GNA

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<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
<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 ssp. 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*, Dare, Henderson, Jackson)	W7		S2?	G4?
<i>Bigelovia nudata ssp. australis</i> Rayless-goldenrod C: wet depressions and limesink ponds (Carteret)	W7		S1?	G5T4T5
<i>Boechera burkii</i> Porter's Rockcress M: dry, rocky calcareous areas and shale barrens (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*)	W7		S3	G4

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	N.C.	U.S.	N.C.	Global
<i>Bromus nottowayanus</i> Nottoway Valley Brome P: rich woods (Ashe, Buncombe, Cherokee, Henderson, Madison, Polk, Rockingham*, Surry*)	W7		S1?	G3G5
<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
<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>Calycanthus floridus var. floridus</i> Eastern Sweetshrub PM: mesic to dry forests (Alexander*, Avery*, Cherokee*, Davidson, Durham*, Jackson*, Randolph, Stanly*, Stokes*, Transylvania*, Union)	W7		S2?	G5T4
<i>Calystegia spithamea ssp. stans</i> Shale Barren Bindweed MP: shale barrens and woodlands (Burke*, Forsyth*, Henderson, Orange*, Rowan*)	W1		S2S3	G4G5TNR
<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, 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 ssp. 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 ssp. echinata</i> Star Sedge M: bogs and seeps (Alleghany, Ashe, Avery, Clay, Henderson, Jackson, Macon, Transylvania, Watauga, Wilkes*, Yancey)	W1		S2S3	G5T5

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<i>Carex festucacea</i> Fescue Sedge CMP: piedmont swamp forests, bogs, upland depression swamps (Anson*, Ashe, Beaufort*, Bladen, Chatham, Davie*, Durham*, Montgomery*, Moore*, Pamlico*, Pender, Polk, Richmond*, Sampson, Stanly*, Vance, Wake*, Washington)	W7		S2?	G5
<i>Carex gholsonii</i> Gholson's Sedge C: along creeks and springs (Craven, Jones, Pender)	W7		S1S2	G4G5
<i>Carex granularis</i> 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*)	W7		S1?	G5
<i>Carex hyalinolepis</i> Shoreline Sedge C: marshes (Beaufort*, Brunswick, Carteret, Craven, Hyde*, New Hanover, Perquimans*, Richmond, Warren*)	W1		S2	G4G5
<i>Carex leavenworthii</i> Leavenworth's Sedge PM: dry woods (Durham*, Lee, Madison*, Randolph*, Richmond, Rutherford, Warren*)	W7		S1?	G5
<i>Carex leptoneuria</i> 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)	W1		S3	G5
<i>Carex lucorum var. australucorum</i> Appalachian Woodland Sedge M: medium to high elevation forests, especially over calcareous or mafic rocks (Alleghany, Ashe, Buncombe*, Clay*, Jackson, Macon*, Swain*, Transylvania*, Watauga*)	W7		S2?	G5T3T4
<i>Carex manhartii</i> Manhart's Sedge M: rich cove forests (Ashe, Avery, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Swain, Transylvania)	W1		S3	G3G4
<i>Carex misera</i> Wretched Sedge M: high elevation rock outcrops (Ashe, Avery, Buncombe, Burke, Clay, Graham, Haywood, Henderson, Jackson, Macon, Mitchell, Swain, Transylvania, Watauga, Yancey)	W1		S3	G3
<i>Carex mitchelliana</i> 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*)	W1		S2	G4

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<i>Carex oklahomensis</i> Oklahoma Sedge M: seeps (Graham)	W7		S1?	G4
<i>Carex physorhyncha</i> Bellow's-beak Sedge CP: somewhat shaded dry to mesic woods (Columbus, Duplin, Edgecombe, Halifax, Harnett, Jones, Macon, Moore, Pender, Richmond, Washington)	W1		S2S3	G5T5
<i>Carex ruthii</i> Ruth's Sedge M: seeps and bogs (Ashe, Avery, Buncombe*, Clay*, Graham*, Haywood, Jackson*, Macon, Mitchell*, Swain*, Transylvania*, Watauga, Yancey*)	W1		S3	G3
<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> var. <i>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>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>Chasmanthium sessiliflorum</i> var. <i>sessiliflorum</i> Longleaf Spikegrass CMP: hardwood forests (Anson, Bertie*, Bladen, Brunswick*, Craven*, Cumberland, Davidson, Gates*, Graham, Harnett, Jones, Martin, Montgomery, Moore, Onslow, Pender, Polk, Richmond, Rowan, Stanly, Union)	W1		S2S3	G5T5
<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, New Hanover, Pender, Sampson)	W7		S2	G5T5

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<i>Chrysosplenium americanum</i> Golden Saxifrage M: seeps (Ashe, Avery, Haywood, Jackson, Macon, Madison*, Mitchell, Polk*, Swain, Transylvania, Watauga*, Wilkes*, Yancey)	W1		S3	G5
<i>Cinna latifolia</i> Slender Wood-reed M: high elevation forests and openings (Buncombe*, Graham, Haywood, Macon*, Mitchell*, Swain*, Watauga*, Yancey*)	W7		S1S2	G5
<i>Cladrastis kentukea</i> Yellowwood M: forests (Cherokee, Clay, Graham, Haywood, Macon, Madison, Swain*)	W1		S2S3	G4
<i>Cleistesiosis bifaria</i> Small Spreading Pogonia MPC: savannas, dry meadows (Brunswick, Buncombe*, Burke, Carteret, Catawba, Cherokee*, Cleveland, Craven, Graham, Harnett*, Henderson*, Hoke, Madison*, McDowell, New Hanover, Onslow, Robeson*, Rutherford, Scotland*, Transylvania)	W1		S3	G4?
<i>Cleistesiosis divaricata</i> Spreading Pogonia C: pine savannas (Brunswick, Carteret, Columbus, Hoke, Moore, Onslow, Pender)	W1		S3	G4
<i>Cleistesiosis oricamporum</i> Small Coastal Plain Spreading Pogonia C: Savannas (Brunswick, Craven)	W7		S2	G3?
<i>Coelorachis rugosa</i> Wrinkled Jointgrass 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)	W1		S3	G5
<i>Comptonia peregrina</i> Sweet Fern CMPS: open dry sites, often fire-maintained (Alleghany, Burke, Caldwell, Gaston, Henderson, Hoke, Johnston*, Lee*, McDowell*, Moore, Transylvania, Wake*, Wilkes)	W1		S3	G5
<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*, 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?Q

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<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 var. 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	FSC	S2	G2
<i>Crataegus schuettei</i> Schuette's Hawthorn M: mesic hardwood forests (Graham, Macon)	W1		S2?	G5?
<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>Cymophyllus fraserianus</i> Fraser's Sedge M: forests (Ashe, Avery, Caldwell, Clay, Graham, Haywood*, Jackson, Macon, McDowell*, Mitchell*, Swain, Watauga, Wilkes, Yancey*)	W1		S3	G4
<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 houghtonii</i> Houghton's Flatsedge P: dry soil	W3		SH	G4?
<i>Cyperus odoratus var. engelmannii</i> Engelmann's Flatsedge C: alluvial and other damp to wet soils (Brunswick, New Hanover)	W7		S1?	G4Q

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<i>Cyperus squarrosus</i> Awned 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
<i>Dalea pinnata</i> Eastern Prairie-clover SC: sandhills and dryish pinelands (Bladen, Cumberland, Harnett*, Hoke, Lenoir*, Moore*, Pender, Richmond, Robeson*, Sampson, Scotland, Wayne*)	W1		S2	G5
<i>Desmodium cuspidatum var. cuspidatum</i> Large-bract Tick-trefoil CPM: roadsides and wooded banks of rivers and streams (Avery*, Brunswick*, Caswell, Clay*, Gaston*, Guilford*, Henderson*, Jones*, Madison*, Mitchell*)	W7		S2?	G5T5?
<i>Diamorpha smallii</i> Elf Orpine PM: granite flatrocks (Alexander, Anson, Forsyth*, Franklin, Gaston, Granville, Henderson*, Iredell*, Nash*, Rowan, Rutherford, Wake, Yadkin*)	W1		S3	G4
<i>Dichanthelium columbianum</i> American Witch Grass CPM: thin woods and open ground, usually in sandy soil (Carteret, Currituck, Hoke, Mitchell, Montgomery, Onslow)	W7		S2?	G5T5
<i>Dichanthelium dichotomum var. roanokense</i> Roanoke Witch Grass CS: savannas, open swampy woods, wet peaty meadows (Bladen, Brunswick, Columbus, Dare, Hyde*, Moore, Pender)	W1		S2	G5T4?
<i>Dichanthelium erectifolium</i> Erectleaf Witch Grass C: pond shores (Bladen, Brunswick, Columbus, Hoke, New Hanover, Onslow, Robeson, Sampson, Scotland)	W1		S2	G4
<i>Dichanthelium linearifolium</i> Low White-haired Witch Grass PM: dry open woods and rock outcrops (Ashe, Durham*, Gaston*, Macon)	W7		S1?	G5

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<i>Dichanthelium oligosanthes</i> var. <i>scribnerianum</i> Scribner's Witch Grass CP: calcareous, coastal-fringe forests and dry, thin woods on basic soils (Carteret, Granville, Onslow)	W7		S1?	G5T5
<i>Dichanthelium ovale</i> var. <i>ovale</i> Elliott's Witch Grass C: dry to damp, sandy pinelands (Brunswick*, Carteret, Gates*, Pender)	W1		S2S3	G5T5
<i>Dichanthelium webberianum</i> Webber's Witch Grass C: moist pine savannas and flatwoods (Brunswick, Carteret, Columbus, New Hanover, Onslow)	W1		S3	GNR
<i>Diplazium pycnocarpon</i> Glade Fern MP: rich woods, usually over seepage (Alleghany, Ashe, Avery, Buncombe, Burke, Caswell, Cherokee, Clay, Durham*, Forsyth, Graham, Haywood, Jackson, Macon, Madison, McDowell, Nash, Swain, Transylvania, Yancey)	W1		S3	G5
<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*, 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>Echinocystis lobata</i> Wild Mock Cucumber M: alluvial forests (Alleghany*, Ashe, Watauga)	W7		S1	G5

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<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
<i>Elatine minima</i> Tiny Waterwort P: lakes (Granville)	W4		SNA	G5
<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*, Carteret*, 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 var. canadensis</i> Great Plains Wild-Rye M: rich woods (Buncombe*, Cherokee, Macon, Swain*)	W7		S1	G5T5
<i>Elymus riparius</i> Riverbank Wild Rye MP: riverbanks and low, rich woods (Alleghany, Ashe*, Avery*, Henderson, Jackson, Madison*, Orange*, Watauga*)	W7		S1S2	G5

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<i>Epilobium leptophyllum</i> Narrowleaf Willowherb MP: bogs and seeps (Alleghany, Ashe, Avery, Burke, Guilford*, Jackson, Macon, Madison, Mitchell, Watauga, Wilkes)	W1		S3	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 var. synchaetum</i> Southern Rattlesnake-master C: wet savannas (Bladen*, Brunswick, Columbus, Onslow, Pender)	W2		S2	G5T5
<i>Euonymus atropurpureus var. 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	G5T5
<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 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
<i>Eupatorium recurvans</i> Recurved Eupatorium C: wet savannas (Pender)	W7		S1?	G3G4Q
<i>Eupatorium sessilifolium var. 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

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<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>Euthamia graminifolia var. nuttallii</i> Nuttall's Flat-top Goldenrod M: moist to dry riverbanks, bottomlands, and bog margins (Alleghany, Avery, Buncombe*, Henderson, Macon, Watauga)	W7		S1?	G5T5?Q
<i>Eutrochium maculatum var. 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?	G5T5
<i>Fragaria vesca var. americana</i> Woodland Strawberry M: rich forests (Watauga*)	W4		S1	G5T5
<i>Frangula caroliniana</i> Carolina Buckthorn PMC: rich bottomlands and slopes (Beaufort*, Buncombe, Burke, Cabarrus, Catawba, 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
<i>Gaultheria hispidula</i> Creeping Snowberry M: habitat in North Carolina not known	W3		SH	G5
<i>Gaylussacia bigeloviana</i> Northern Dwarf Huckleberry C: pocosins (Dare)	W7		S1?	G5T4T5
<i>Gentiana austromontana</i> Appalachian Gentian M: high elevation forests and balds (Alleghany, Ashe, Avery, Buncombe*, Burke*, Caldwell, Clay, Jackson*, Mitchell, Stokes*, Transylvania*, Watauga*, Yancey)	W1		S2S3	G3

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<i>Gentiana clausa</i> Closed Gentian MP: forests	W7		S3?	G5
<i>Geum fragarioides</i> Northern Barren-strawberry P: forests and streambanks (Burke, Catawba, Graham)	W1		S2S3	G5T5
<i>Glandularia canadensis</i> Rose Mock-verbain 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 (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*, Randolph*, Rockingham, Rowan*, Rutherford, Stanly, Stokes*, Surry*, Union*)	W7		S3	G3
<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 var. 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 var. saurensis</i> Sauratown Grotto Alumroot MP: Shaded cliff bases (Burke*, Stokes*, Surry*)	W7		SH	GH

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<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>Houstonia longifolia var. glabra</i> Granite Dome Bluet M: high elevation granitic domes, rarely other outcrops (Clay, Haywood, Henderson, Jackson, Macon, Madison, Transylvania)	W1		S3	G5T3Q
<i>Houstonia purpurea var. calycosa</i> Summer Bluet MP: rocky forests, often dry (Burke, Jackson, Macon, Madison)	W7		S2?	G5T5
<i>Humulus lupulus var. lupuloides</i> Hops CP: alluvial forests and bottomlands (Caswell, Randolph*, Rockingham*, Stokes*, Wake*)	W7		S1?	G5T5
<i>Humulus lupulus var. pubescens</i> Hops P: bottomlands (Randolph*, Rockingham*, Stokes*)	W4		S1	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	G4
<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

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<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>Hypericum tubulosum</i> Marsh St. John's-wort C: wet sites, pools (Anson, Bertie, Davidson, Gaston, Mecklenburg, Watauga)	W7		S2?	G4?
<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 pes-caprae</i> Railroad Morning-glory 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
<i>Isoetes hyemalis</i> Wintergreen Quillwort CPS: beds of blackwater and other streams (Brunswick*, Columbus, Duplin*, Harnett, Johnston*, Moore*, Orange, Pender, Sampson*, Scotland)	W7	FSC	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	FSC	S2S3	G4

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<i>Juncus brachycarpus</i> Whiteroot Rush PC: wet sandy soil (Chatham*, Duplin*, Durham*, Granville*, Hertford*, Hyde*, Iredell*, Montgomery*, 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	G3G
<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?
<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 var. 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 var. maritimus</i> Beach Pea C: beaches (Dare)	W3		SNR	G5T5
<i>Lathyrus palustris</i> Marsh Peavine C: bottomlands, streambanks and marshes (Beaufort*, Chowan*, Gates, Hertford, Martin*, Washington*)	W7		S2?	G5
<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

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<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 var. scariosa</i> New England Blazing-star MP: rock outcrops, glades, dry woodlands; mostly over mafic rocks? (Cherokee, Clay, Haywood, Henderson, Jackson, Macon, Swain)	W7		S2	G5?TNR
<i>Liatris secunda</i> Sandhill Blazing-star SC: sandhills (Anson*, Bladen, Brunswick*, Hoke, New Hanover, Pender, Richmond, Scotland, Wake)	W7		S2	G4G5
<i>Lilium sp. 1</i> Blackwater Turk's Cap Lily C: blackwater swamps (Chowan, Gates, Nash*)	W2		S1	G1G3Q
<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>Listera australis</i> Southern Twayblade CM: moist hardwood forest, swamps, wet woods with acidic soils (Avery*, Beaufort, Bertie, Bladen, Brunswick, Columbus, Craven*, Dare, Gates, Halifax, Henderson, Hoke, Hyde, Jones, Moore, Nash, Onslow, Pender, Richmond, Robeson, Sampson, Transylvania*, Tyrrell, Wake, Washington, Wayne)	W1		S3	G4
<i>Listera cordata var. cordata</i> Heartleaf Twayblade M: habitat in North Carolina not known (Avery*)	W3		SH	G5T5
<i>Lobelia sp. 1</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

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<i>Luzula multiflora</i> var. <i>multiflora</i> Heath Woodrush MP: moist woods (Burke*, Caldwell, Durham, Jackson, Macon, Madison*, Stokes*)	W7		S2?	G5
<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*)	W7		S1?	G5T3Q
<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)	W7		S2?	G5
<i>Manfreda virginica</i> Eastern Agave 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)	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, Graham, Haywood, Henderson*, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Transylvania, Watauga, Yancey*)	W1		S3	G3
<i>Monarda punctata</i> var. <i>arkansana</i> Arkansas Horsemint M: dry forests over mafic rock (Haywood, Polk)	W7		S1?	G5TNR
<i>Muhlenbergia mexicana</i> Mexican Muhly M: forests and openings (Alleghany, Ashe, Buncombe, Macon*, Mitchell*, Rutherford)	W7		S1?	G5

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<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
<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>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>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	FSC	S2	G5T2
<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>Oenothera fruticosa var. unguiculata</i> Southern Sundrops CP: wet clay savannas and glades (Brunswick, Columbus, Jones, Onslow, Pender)	W7		S2S3	G5T2T3
<i>Onosmodium virginianum</i> Virginia Marbleseed CTSP: sandhills, dry mafic sites, shell middens (Brunswick*, Burke, Catawba, Cleveland*, Cumberland, Durham*, Harnett, Hoke, Jones*, McDowell, Moore, Polk*, Richmond, Robeson*, Rutherford, Scotland, Wake*)	W1		S3	G4
<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
<i>Ophioglossum nudicaule</i> Slender Adder's-tongue C: moist sandy flats (Brunswick*)	W7		S1?	G5

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<i>Ophioglossum petiolatum</i> Long-stem Adder's-tongue CT: maritime wet grasslands, moist ditchbanks, grassy roadside flats (Beaufort*, Brunswick*, Carteret, Craven*, Dare*, Washington*)	W7		S2?	G5
<i>Orbexilum lupinellum</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>Panax 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>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 var. fastigiata</i> Forked Whitlow-wort PS: dry woods and open areas (Burke, Moore*)	W7		S1S2	G5T5
<i>Paronychia montana</i> Mountain Nailwort MP: rocky slopes (Alexander, Cherokee*, Henderson*, McDowell, Rutherford, Transylvania*)	W7		S1?	G4
<i>Parthenium integrifolium var. 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, Union*, Wake*, Warren*)	W1		S3	G5T3

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<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 var. 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	G3G4
<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, Currituck, Dare, Hyde, Lenoir, New Hanover, Onslow, Pender, Washington)	W7		S2	G5
<i>Persicaria glabra</i> Dense-flower Knotweed C: Swamp forests (Carteret, Chowan, Dare, Halifax, Hyde, New Hanover, Wake)	W1		S3	G5
<i>Phaseolus sinuatus</i> Sandhills Bean SC: sandhills (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	W1		S3	G5T3?
<i>Philadelphus hirsutus</i> Hairy Mock-orange MP: bluffs, cliffs, and rocky woods, mainly over mafic or calcareous rocks (Buncombe, Cleveland, Graham*, Madison, McDowell, Mitchell*, Polk, Rutherford, Transylvania)	W1		S2	G5
<i>Philadelphus inodorus</i> Scentless Mock-orange MP: bluffs, cliffs, and rocky woods, mainly over mafic or calcareous rocks (Avery*, Bladen*, Buncombe*, Burke, Cabarrus*, Caswell, Catawba, Cherokee*, Cleveland*, Forsyth*, Haywood, Iredell*, Macon, Madison, McDowell, Mecklenburg, Orange, Polk, Randolph, Rutherford, Stanly, Swain*, Wilkes)	W1		S3	G4G5

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<i>Phlox amplifolia</i> Largeleaf Phlox M: hardwood forests on mafic rock (Buncombe*, Burke, Graham, Haywood*, Jackson, Macon, Madison, McDowell, Mitchell*, Rutherford, Swain, Watauga*, Yancey*)	W1		S2	G3G5
<i>Phlox divaricata</i> Wild Blue Phlox CM: rich deciduous forests and slopes (Burke, Halifax, Henderson*, Madison*, Northampton, Rutherford*, Swain, Transylvania*, Watauga*)	W7		S2	G5
<i>Phragmites americanus</i> American Reed C: Freshwater marshes (Currituck)	W7		S1?	G5T5
<i>Physalis lanceolata</i> Sandhill Ground Cherry SC: sandhills (Cumberland*, Harnett*, Hoke, Lee*, Montgomery*, Moore, New Hanover*, Richmond, Robeson*, Sampson, Scotland, Wayne*)	W1		S2?	G3Q
<i>Phytolacca rigida</i> Maritime Pokeweed T: dunes, edges of brackish or salt marshes (Beaufort, Brunswick, Carteret, Hyde, New Hanover, Onslow, Pender)	W7		S2	G5T5
<i>Pieris floribunda</i> Fetterbush MP: acid wooded slopes, heath balds at high elevations and summits of Piedmont monadocks (Buncombe*, Burke*, Haywood*, Jackson*, Macon*, Stokes*, Surry*, Transylvania, Watauga*)	W1		S2S3	G4
<i>Piriqueta caroliniana var. caroliniana</i> Pitted Stripeseed C: Sandy soils of roadsides, woodland edges, and disturbed areas (Brunswick)	W4		S1?	G5?T4?
<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?	G4G5
<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

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<i>Polygonum prolificum</i> Bushy Knotweed T: brackish marshes (Dare)	W7		S1?	G5T4T5
<i>Polygonum tenue</i> Glade Knotweed MP: glades and other thin soil over mafic rock (Alexander, Alleghany, Ashe*, Buncombe*, Burke, Durham*, Forsyth*, Granville, Henderson*, Macon*, Mecklenburg*, Mitchell*, Orange*, Rockingham*, Stanly*, Wilkes)	W7		S2?	G5
<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> Leafy Pondweed CMP: lakes, streams, and ponds (Alleghany*, Brunswick*, Buncombe*, Carteret, Cherokee*, Currituck*, Gates*, Jones*, Madison*, Mecklenburg*, Tyrrell*)	W1		S2	G5
<i>Prunus nigra</i> Canada Plum MP: rich forests (Davie*, Mecklenburg*, Montgomery*, Orange*, Polk*, Stanly*)	W7		SH	G4G5
<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	G4G5
<i>Prunus virginiana var. virginiana</i> Choke Cherry M: oak and northern hardwood forests (Ashe, Buncombe, Graham)	W7		S2	G5T5
<i>Psilotum nudum</i> Whiskfern C: acid swamp	W4		S1	G5
<i>Ptelea trifoliata</i> Wafer-ash MPC: rich woods, cliffs and rock exposures mainly over mafic or calcareous rocks (Alexander*, Alleghany, Ashe, Brunswick*, Burke, Cabarrus, Caldwell, Cleveland, Cumberland*, Forsyth*, Franklin*, Granville, Guilford, Harnett, Jones, Madison, McDowell, Montgomery, New Hanover*, Northampton, Polk*, Rockingham, Rutherford, Wake, Wilkes)	W1		S3	G5
<i>Pycnanthemum clinopodioides</i> Basil Mountain-mint MP: forests, woodland borders (Burke, Catawba, Graham, McDowell, Rutherford)	W7		S1?	G1G2

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<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 forsts 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?
<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 beaverponds (Cumberland, Hoke, Moore, Richmond, Scotland)	W1		S3	G3

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<i>Rhynchospora nitens</i> Shortbeak Baldsedge 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 Baldsedge 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
<i>Rhynchospora sp. 2</i> Croatian Beaksedge C: ecotone between savanna and pocosin (Carteret*)	W7	FSC	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 var. 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 var. humilis</i> A Coneflower CMP: seeps, stream banks, and boulderfield forests (Ashe*, Brunswick*, Buncombe, Burke, McDowell, Moore*)	W7		S2?	G5T3?
<i>Rudbeckia triloba var. rupestris</i> A Coneflower M: forests at high elevations	W7		S2?	G5T3?

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<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 campestris</i> Prairie Sabatia M: forest edges (Haywood*)	W4		SH	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?
<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 calycina</i> var. <i>spongiosa</i> Tidal Sagittaria TC: tidal freshwater to brackish marshes	W3		SNR	G5T4
<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	G5T5
<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

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<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
<i>Scutellaria mellichampii</i> Mellichamp's Skullcap C: sandy deciduous forests (Brunswick*)	W7		SH	G5TNR
<i>Scutellaria ovata ssp. 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 ssp. ovata var. ovata</i> Heartleaf Skullcap M: rich woods on circumneutral soil (Ashe, Burke*, Macon, Madison, Polk*, Stanly*, Transylvania, Wilkes*)	W7		S1	G5TNR
<i>Scutellaria ovata ssp. 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, 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 var. caroliniana</i> Rock Catchfly P: open, rocky slopes (Anson*, Gaston, Moore, Richmond*, Stanly, Union)	W7		S2S3	G5T4

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<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
<i>Sisyrinchium montanum</i> var. <i>crebrum</i> Strict Blue-eyed Grass P: oak-hickory forests (Alleghany, McDowell, Rutherford)	W7		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 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*, Macon*, Mitchell)	W7		S1?	G3G4Q
<i>Solidago puberula</i> var. <i>puberula</i> Downy Goldenrod MP: dry, rocky areas (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 rugosa</i> var. <i>sphagnophila</i> Rough-leaved Goldenrod CM: Boggy habitats	W7		S1?	G5T3T5
<i>Solidago salicina</i> Round-leaved Goldenrod SPC: seeps, pocosins, peaty places (Brunswick*, Cumberland, Harnett, Hoke, Johnston*, Moore, Person, Richmond, Scotland, Wake)	W1		S2?	G4
<i>Solidago tarda</i> Atlantic Goldenrod P: dry, disturbed roadside (Burke, McDowell, Rutherford)	W3		S1?	G4?Q
<i>Spergularia salina</i> Saltmarsh Sandspurrey T: salt marshes and tidal flats (Brunswick*, Carteret, Currituck*, Dare*, Hyde*, Onslow, Pamlico*)	W7		S1S2	G5

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<i>Sphenopholis intermedia</i> Prairie Wedgescale MPC: rich woods (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?	G5T5
<i>Spirodela polyrrhiza</i> Common Water-flaxseed C: pools, stagnant waters (Bertie, Bladen, Currituck, Dare, Gates, Pender, Perquimans*, Washington)	W7		S2?	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 clingmanii</i> Clingman's Hedge-nettle M: spruce-fir forests, northern hardwoods forests	W2		S2?	G2
<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 river banks (Buncombe, Graham, Haywood, Henderson, Madison, Polk, Transylvania)	W1		S3?	G5
<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

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<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 firmum</i> Purple-stem Aster M: bogs and other wet places (Avery, Buncombe*, Clay, McDowell, Watauga, Yancey)	W7		S1?	G5T5
<i>Symphotrichum lanceolatum var. lanceolatum</i> Panicked Aster P: sunny, wet meadows (Ashe, Hyde, McDowell)	W7		S2?	G5T5
<i>Symphotrichum novae-angliae</i> New England Aster M: wet meadows, bogs, prairies	W1		S3	G5
<i>Symphotrichum simmondsii</i> Simmonds' Aster CP: wet ditches (Beaufort*, Brunswick, Columbus*, Currituck*, Dare, Hyde*, New Hanover*, Pender)	W7		S1?	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 rocks? (no known and documented native occurrences in North Carolina) (Alleghany, Ashe)	W3		SNR	G5
<i>Tilia americana var. 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, Jackson, Macon, Madison, McDowell, Orange*, Rutherford, Wake)	W7		S2	G5

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<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	G3
<i>Triosteum angustifolium</i> Narrowleaf Tinker's-weed P: thin woodlands over mafic rocks (Cabarrus*, Caswell, Durham, Granville, Guilford*, Mecklenburg*, Orange*, Randolph*)	W7		S2?	G5
<i>Triosteum aurantiacum var. 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 var. 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	G3G4T3T4
<i>Tsuga canadensis</i> 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)	W5		S4S5	G5
<i>Tsuga caroliniana</i> Carolina Hemlock MP: open forests on ridgetops, rocky bluffs, or gorge walls (Alexander, Ashe, Avery, Burke, Catawba, Cleveland, McDowell, Mecklenburg*, Rutherford, Stokes, Surry, Transylvania)	W5	FSC	S3	G3
<i>Typha domingensis</i> Southern Cattail CT: brackish marshes (Beaufort*, Brunswick, Carteret*, Dare, Hyde*, New Hanover*, Pamlico*, Pender*)	W7		S2?	G4G5
<i>Ulmus serotina</i> September Elm M: Mesic limestone forests (Madison*)	W3		SH	G4
<i>Utricularia foliosa</i> Leafy Bladderwort C: habitat in North Carolina not known	W3		SU	G5
<i>Vaccinium hirsutum</i> Hairy Blueberry M: ridgetop red oak forests, oak hickory forests, pine oak heath (Cherokee, Graham, Macon, Swain)	W1		S3	G3

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<i>Valerianella umbilicata</i> Woodland Cornsalad PM: rich woods and disturbed sites (Forsyth*, Randolph*, Stokes*, Swain*)	W7		SH	G4G5
<i>Verbena hastata</i> Blue Vervain CMP: marshes, bogs, and fields (Alleghany, Ashe, Buncombe, Burke, Onslow, Wake)	W7		S2S3	G5
<i>Verbena scabra</i> Sandpaper Vervain CT: marsh edges, shell middens (Bladen*, Brunswick*, Carteret*, Chowan*, Currituck*, Hyde*, New Hanover*, Onslow, Pender, Pitt)	W7		S2?	G5
<i>Verbesina helianthoides</i> A Crownbeard M: open woods and glades	W3		SU	G5
<i>Verbesina virginica var. virginica</i> Frostweed CMPS: moist forests, especially over calcareous rocks (Jones, Macon, Richmond, Stanly)	W7		S2?	G5?T5?
<i>Veronica anagallis-aquatica</i> Blue Water Speedwell M: bogs, streambanks, rivulets (Avery, Madison*, Mitchell*)	W7		S1?	G5
<i>Veronicastrum virginicum</i> Culver's-root 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*)	W7		S2?	G4
<i>Vigna luteola</i> Wild Cowpea C: marsh edges, wet open areas (Brunswick, New Hanover*)	W4		S1?	G5
<i>Viola brittoniana</i> Northern Coastal Violet CSP: moist slopes and low wet places (Columbus, Cumberland, Currituck*, Gates, Harnett, Hertford*, Johnston, Jones, Moore*, Northampton*, Pender, Perquimans*, Richmond*, Robeson*, Scotland, Washington*)	W7		S2?	G4G5
<i>Viola labradorica</i> Alpine Violet MP: rich cove forests, bottomlands and seepage slopes (Alexander*, Alleghany, Ashe, Cherokee, Clay*, Haywood*, Henderson, Iredell, Macon, Swain, Vance*)	W7		S2?	G5
<i>Viola tripartita</i> Three-parted Violet MP: forests associated with basic soils (Buncombe*, Burke, Catawba*, Clay*, Davidson*, Forsyth*, Graham*, Henderson, Iredell*, Mitchell*, Orange*, Polk, Rockingham*, Rowan*, Stanly*, Stokes*, Transylvania, Yancey*)	W7		S2?	G5

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<i>Viola villosa</i> Carolina Violet CSP: moist places, especially pocosin edges (Anson*, Bladen*, Cumberland, Hoke, New Hanover*, Onslow*, Pender, Richmond, Scotland)	W7		S2	G5
<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	G4G5T4T5
<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)	W1		S3	G5
<i>Xyris sp. 1</i> Small-seeded Xyris SC: wet savannas and pond margins (Carteret, Onslow, Pender, Sampson, Scotland)	W2		S2	G2
<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*, Pamlico*, Tyrrell*)	W7		S2?	G5
<i>Zizania aquatica var. 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
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<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> var. <i>rothii</i> Black Falcate Split Moss MP: shaded, calcium-free rocks (Burke, Haywood, Jackson, Macon, McDowell*, Mitchell, Stokes*, Swain*, Yancey)	W7		S2?	G5TNR
<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	G4G5
<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?
<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

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<i>Brachythecium acuminatum</i> var. <i>cyrtophyllum</i> Acuminate Brachythecium bark at base of trees, logs; localities in NC have not been confirmed.	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 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>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>Brachythecium velutinum</i> Velvet Moss M: high elevation forests (Buncombe, Rutherford)	W7		S1?	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?
<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

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<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?	G4G5
<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
<i>Diphyscium mucronifolium</i> Grain o'Wheat Moss MP: wet rocks at spray cliffs and cove forests (Burke, Graham)	W7		S1?	G4
<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

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<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	FSC	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
<i>Fissidens fontanus</i> 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)	W7		S2?	G5
<i>Fissidens polypodioides</i> A Moss Calcareous soil, and limestone rocks along streams and in ravines; localities in NC have not been confirmed.	W7		S2?	G4G5
<i>Fontinalis flaccida</i> A Water Moss CMP: bases of trees in brooks or swamps, submerged (Bladen*, Brunswick*, Columbus*, Harnett, Jackson, Macon, Mitchell*, Wake*)	W7		S2?	G4G5
<i>Fontinalis sullivantii</i> A Water Moss CM: rocks or trees in pools or streams (Brunswick*, Columbus*, Gates*, Macon, Mitchell*, Nash)	W7		S2?	G3G5
<i>Funaria serrata</i> A Cord Moss CP: on soil of disturbed places, near streams or ditches (Chatham*, Durham*, Forsyth*, Gaston*, Hertford*, Johnston*, Nash*, Randolph*)	W7		SH	G4
<i>Grimmia olneyi</i> 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*)	W7		S2?	G3G5

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<i>Helodium 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>Herpetineuron toccoeae</i> Coiled Moss M: bark of trees or calcareous to non-calcareous rocks (Graham*, Jackson*, McDowell*, Transylvania)	W7		S2?	G4G5
<i>Hydroamblystegium fluviatile</i> Brookside Feather Moss CMP: wet, calcareous rocks (Avery*, Burke*, Harnett, McDowell*, Wake)	W7		S2?	G5
<i>Hypnum fauriei</i> A Cedar Moss MP: logs and tree bases in deciduous forest (Haywood, Jackson, Johnston*, Macon, Moore*, Orange, Swain*, Transylvania, Watauga, Yancey)	W7		S2?	G5
<i>Hypnum plicatulum</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?	G5T5
<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?	G3G5

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<i>Pohlia longicollis</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>Polytrichum 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
<i>Pterigynandrum filiforme</i> Twisted Thread Moss M: mesic, acidic boulders and rock shelves (Buncombe*, Jackson, McDowell*, Mitchell*, Swain*)	W7		S1	G5
<i>Pylaisiella 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>Sphagnum cribrosum</i> Florida Peatmoss CS: in blackwater streams; ditches (Beaufort*, Bladen, Brunswick*, Carteret*, Craven, Duplin*, Sampson*)	W7		S2?	G3G5T3
<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 allenii</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 Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Thuidium recognitum</i> Hokkaido Fern Moss MP: on moist soil, humus, or rocks, in calcareous habitats, in woodlands, in clearings (Ashe*, Madison*, McDowell, Orange*, Randolph*, Watauga*, Yadkin*)	W7		S2?	G5
<i>Tortella flavovirens</i> Beach Moss T: dune swales (Brunswick, Carteret*, Dare, Hyde)	W7		S3	G4G5
<i>Tuerckheimia svihlae</i> A Moss moist, calcareous rocks, stream margins in forests	W7		S2?	GNR
<i>Weissia brachycarpa</i> A Moss Habitat and locations in NC have not been confirmed.	W3		SNA	GNR
<i>Weissia muehlenbergiana</i> A Moss CP: soil among grasses, roadsides (Brunswick*, Davidson*, Durham*, Madison*, Mecklenburg*, New Hanover*, Orange*, Pender*, Wake)	W7		S2?	G5
<i>Zygodon viridissimus var. rupestris</i> A Moss M: trunks of trees and on rocks (Avery*, Burke*, Caldwell*, Haywood, Jackson, Macon*, Mitchell, Swain*, Watauga*, Yancey*)	W7		S2?	G5T5?

Liverworts

<i>Barbilophozia attenuata</i> A Liverwort M: on rocks in spruce-fir forests (Avery*, Buncombe*, Haywood*, Transylvania*, Yancey*)	W7		S2	G5
<i>Cephaloziella massalongi</i> A Liverwort M: high elevation rocky summits (Rutherford, Swain*)	W7		S1	G3G5
<i>Cephaloziella obtusilobula</i> Roundleaf Liverwort M: high elevation cliffs or other moist rocks (Burke*, Macon*, Rutherford)	W2	FSC	S1?	G1?Q
<i>Diplophyllum andrewsii</i> A Liverwort M: on soil or rocks on banks (Avery*, Buncombe*, Burke*, Graham*, Jackson, Macon*, McDowell*, Swain*, Yancey*)	W7		S2	G3
<i>Diplophyllum taxifolium var. taxifolium</i> 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*)	W7		S2?	G5T5

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<i>Dumortiera hirsuta ssp. nepalensis</i> A Liverwort M: in grottoes behind waterfalls in humid gorges (Graham*, Jackson*, Macon*, Rutherford)	W1		S1	G5T5
<i>Frullania oakesiana</i> A Liverwort M: on bark of conifers or deciduous trees at high elevations (Avery*, Buncombe*, Haywood*, Jackson*, Macon*, McDowell*, Mitchell*, Swain*, Watauga*, Yancey*)	W7		SH	G4
<i>Frullania plana</i> A Liverwort MP: on rock outcrops in gorges or near rivers (Burke*, Durham*, Graham*, Haywood*, Jackson, Macon*, McDowell, Polk*, Stokes*)	W7		S1	G4
<i>Lophozia 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
<i>Mannia triandra</i> A Liverwort M: on limestone (McDowell*)	W7		S1	G3G4
<i>Metzgeria furcata var. setigera</i> A Liverwort M: damp shaded rocks at high elevations in spruce-fir forests or in humid gorges (Caldwell*, McDowell, Swain*)	W7		SH	G5T1
<i>Metzgeria pubescens</i> A Liverwort M: on bark of trees (Buncombe*, Swain*)	W7		SH	G5
<i>Metzgeria uncigera</i> A Liverwort CTM: on bark in maritime forests or on rhododendron in mountain forests (Brunswick, Carteret*, Gates*, Graham*, Hyde*, New Hanover*, Pamlico*)	W7		S1	G3
<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	FSC	S3	G3
<i>Plagiochila columbiana</i> A Liverwort P: on thin soil over boulders on floodplains (Durham*, Orange*)	W2		SH	GHQ

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<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 var. euryphylla</i> A Liverwort M: rockfaces in the sprayzone of waterfalls (Transylvania*)	W2		SH	G3THQ
<i>Porella japonica ssp. appalachiana</i> A Liverwort M: on rocks in spray zones of waterfalls	W3		SNR	G5?T1
<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 (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
<i>Reboulia hemisphaerica ssp. 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
<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	FSC	S3	G3
<i>Notothylas orbicularis var. pseudotemperata</i> A Hornwort C: damp mineral soil (Columbus*)	W2		SH	G5T1Q

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global

Lichens

<i>Arthonia kermesia</i> Mountain Red Dot Lichen M: high elevation Spruce-Fir forests (Swain)	W7	FSC	S1	G1
<i>Arthotheliopsis floridensis</i> A leaf lichen C: pocosins (Jones)	W7		S1	GNR
<i>Cladonia 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>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	G1
<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?
<i>Heterodermia pseudospeciosa</i> A Centipede Lichen M: growing mainly on rocks (Jackson, Macon, McDowell)	W7		S1S2	G5
<i>Micareopsis irriguata</i> Irrigated Rock Lichen M: wet sheltered rock faces in humid habitats (Jackson, Swain)	W7		S1?	GNR

Scientific Name Common Name Region: Habitat Comments (Counties of Occurrence)	Status		Rank	
	N.C.	U.S.	N.C.	Global
<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 M,P: 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 macrocarpa</i> Boulder Lichen M, P: high elevation rocky summits, granitic flatrocks (Mitchell*, Wake)	W7		S1?	G4
<i>Porpidia tuberculosa</i> Boulder Lichen M: high elevation rocky summits (Mitchell*)	W7		S1	G2G4
<i>Punctelia reddenda</i> Speckled Shield Lichen M, P, C: on bark of hardwoods at high elevations, granitic or mafic rocks (Buncombe*, Haywood*, Jackson*, Macon, Swain*, Yancey*)	W7		S2	G5

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
Platanthera lacera
Viola blanda

COASTAL PLAIN

Anemone minima
Castilleja coccinea
Clematis ochroleuca
Clematis virginiana
Delphinium tricornis
Kalmia buxifolia
Ranunculus hispidus
Symphyotrichum cordifolium

Watch List Category 6 *continued*

MOUNTAINS

<i>Aristida virgata</i>	<i>Platanthera cristata</i>
<i>Bartonia virginica</i>	<i>Pogonia ophioglossoides</i>
<i>Brasenia schreberi</i>	<i>Pycnanthemum flexuosum</i>
<i>Calopogon tuberosus</i> var. <i>tuberosus</i>	<i>Rhynchospora gracilentia</i>
<i>Cardamine bulbosa</i>	<i>Sabatia brachiata</i>
<i>Chamaedaphne calyculata</i>	<i>Sium suave</i>
<i>Clematis crispa</i>	<i>Smilax laurifolia</i>
<i>Coreopsis gladiata</i>	<i>Sphagnum cuspidatum</i>
<i>Eriocaulon compressum</i>	<i>Sphagnum strictum</i>
<i>Eriocaulon decangulare</i> var. <i>decangulare</i>	<i>Sphagnum tenerum</i>
<i>Eryngium integrifolium</i>	<i>Toxicodendron vernix</i>
<i>Gaylussacia dumosa</i>	<i>Hypericum virginicum</i>
<i>Kalmia carolina</i>	<i>Utricularia biflora</i> [including <i>U. gibba</i>]
<i>Lespedeza angustifolia</i>	<i>Utricularia subulata</i>
<i>Orontium aquaticum</i>	

PIEDMONT

<i>Aconitum uncinatum</i> [lower Piedmont only]	<i>Morella caroliniensis</i>
<i>Actaea pachypoda</i>	<i>Paronychia argyrocoma</i>
<i>Aralia nudicaulis</i>	<i>Phalaris arundinacea</i>
<i>Aralia racemosa</i>	<i>Pinus strobus</i> [lower Piedmont only]
<i>Asplenium montanum</i> [lower Piedmont only]	<i>Platanthera flava</i> var. <i>flava</i>
<i>Berchemia scandens</i>	<i>Pogonia ophioglossoides</i>
<i>Campanula americana</i>	<i>Rhododendron catawbiense</i>
<i>Carex torta</i>	<i>Rhynchospora chalarocephala</i>
<i>Cornus alternifolia</i>	<i>Salix humilis</i>
<i>Dicentra cucullaria</i>	<i>Sarracenia flava</i>
<i>Diphasiastrum tristachyum</i>	<i>Sarracenia purpurea</i> var. <i>venosa</i>
<i>Dryopteris intermedia</i>	<i>Schoenoplectus pungens</i>
<i>Eleocharis microcarpa</i>	<i>Sium suave</i>
<i>Eriocaulon compressum</i>	<i>Smilax laurifolia</i>
<i>Eryngium integrifolium</i>	<i>Symplocarpus foetidus</i>
<i>Hydrophyllum canadense</i>	<i>Tsuga canadensis</i> [lower Piedmont only]
<i>Hydrophyllum virginianum</i>	<i>Xyris baldwiniana</i>
<i>Lachnocaulon anceps</i>	<i>Xyris curtissii</i>
<i>Magnolia virginiana</i>	<i>Xyris jupicai</i>
<i>Micranthes micranthidifolia</i>	

ENDEMIC PLANTS IN 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>Allium sp. 1</i>	Savanna Onion	SR-L	FSC	S1S2	G1G2
<i>Arthonia kermesia</i>	Mountain Red Dot Lichen	W7	FSC	S1	G1
<i>Carex lutea</i>	Golden Sedge	E	E	S2	G2
<i>Cladonia psoromica</i>	Bluff Mountain Reindeer Lichen	T	FSC	S1	G1
<i>Coreopsis aristulata</i>	Short-awned Coreopsis	SR-L	FSC	S1	G1?
<i>Crataegus oreophila</i>	Balsam Mountain Hawthorn	W7	FSC	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	FSC	S1S2	G2G3
<i>Graphis sterlingiana</i>	Mount Sterling Script Lichen	W7	n/a	S1	G1
<i>Heuchera parviflora</i> var. <i>saurensis</i>	Sauratown Grotto Alumroot	W7	n/a	SH	GH
<i>Hudsonia montana</i>	Mountain Golden-heather	T	T	S1	G1
<i>Hypericum radfordiorum</i>	Radford's St. John's-wort	SR-L	FSC	S2	G2
<i>Isoetes microvela</i>	Thin-wall Quillwort	T	FSC	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>Nartheccium montanum</i>	Appalachian Yellow Asphodel	SC-H	n/a	SX	GX
<i>Orbexilum macrophyllum</i>	Bigleaf Scurfpea	SC-H	FSC	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	FSC	S1?	G1?
<i>Scleria bellii</i>	Smooth-seeded Hairy Nutrush	SR-L	FSC	S1	G2G3
<i>Shortia galacifolia</i> var. <i>brevistyla</i>	Northern Oconee Bells	E	FSC	S2	G2G3T2
<i>Solidago plumosa</i>	Yadkin River Goldenrod	T	FSC	S1	G1
<i>Solidago villosicarpa</i>	Coastal Goldenrod	E	FSC	S1	G1
<i>Symphyotrichum rhiannon</i>	Buck Creek Aster	T	FSC	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 species that are either rare or generally widespread species that are in commercial demand and are 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 species occurrences on Exploited species that are not Significantly Rare or on the Watch List.

SCIENTIFIC NAME	COMMON NAME	N.C. STATU	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> var. <i>pubescens</i>	Large Yellow Lady's-slipper	Exploited	n/a	S3	G5T5
<i>Dionaea muscipula</i>	Venus Flytrap	SC-V, Exploited	FSC	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	FSC	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> var. <i>rubra</i>	Sweet Pitcherplant	Exploited	n/a	S3	G4T3T4
<i>Shortia galacifolia</i> var. <i>brevistyla</i>	Northern Oconee Bells	E, Exploited	FSC	S2	G2G3T2
<i>Shortia galacifolia</i> var. <i>galacifolia</i>	Southern Oconee Bells	SC-V, Exploited	FSC	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 similar to 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 known occurrence(s) to North Carolina are 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	forests, shale woodlands and

SCIENTIFIC NAME	PROVINCE	STATE: Adjacent County of Occurrence	HABITAT
			barrens, grassy ridges
<i>Carex brevior (C. molesta)</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 sp. 3</i>	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>Cornus canadensis</i>	M	VA: Albemarle, Bath	mountain forests
<i>Cornus rugosa</i>	M	VA: Craig, Giles	high elevations, usually on talus
<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	SC: Lancaster	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 elliotii</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 meadows
<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 marshes
<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, Lexington	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	mafic or calcareous glades and outcrops
<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	glades over calcareous or mafic rocks
<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 incana</i> var. <i>incana</i>	M	WV: Mercer	rocky woodlands
<i>Scutellaria montana</i>	M	GA, TN	rocky woodlands
<i>Scutellaria montana</i>	P	SC: Anderson	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: Virginia Beach city	ponds and streams
<i>Sparganium eurycarpum</i>	MC	VA: Pulaski	ponds and streams

SCIENTIFIC NAME	PROVINCE	STATE: Adjacent County of Occurrence	HABITAT
<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
<i>Stillingia aquatica</i>	C	SC: Allendale, Barnwell, Hampton	clay-based Carolina bays
<i>Sullivantia sullivantii</i>	M	VA: Russell	cliffs
<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 2016 REVISIONS TO THE PLANT LISTS

RARE LIST SPECIES ADDITIONS FOR 2016

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N.C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Dichantheium strigosum</i> var. <i>glabrescens</i>	SR-D	W7	n/a	S1	G5T4T5
<i>Orbexilum pedunculatum</i>	SR-P	W7	n/a	S1	G5
<i>Packera serpenticola</i>	SR-L	n/a	n/a	S1	G1
<i>Rosa virginiana</i>	SR-P	n/a	n/a	SH	G5
<i>Stachys appalachiana</i>	SR-L	W7	n/a	S1	GNR

WATCH LIST SPECIES ADDITIONS FOR 2016

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N.C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Heuchera parviflora</i> var. <i>saurensis</i>	W7	n/a	n/a	SH	GNR
<i>Phragmites americanus</i>	W7	n/a	n/a	S1?	G5
<i>Piriqueta caroliniana</i> var. <i>caroliniana</i>	W4	n/a	n/a	S1?	G5?T4?

TAXA REMOVED FROM RARE AND WATCH LIST SINCE 2014

SCIENTIFIC NAME	NEW N.C. STATUS	PREVIOUS N.C. STATUS	U.S. STATUS	N.C. RANK	GLOBAL RANK
<i>Allium burdickii</i>	n/a	W3	n/a	SNA	G4G5
<i>Platanthera chapmanii</i>	n/a	W3	FSC	SNA	G2
<i>Poa nemoralis</i>	na	W7	n/a	SNA	G5

SCIENTIFIC NAME CHANGES TO THE PLANT LIST SINCE 2014

FORMER NAME	CURRENT NAME
<i>Arnoglossum ovatum</i>	<i>Arnoglossum ovatum</i> var. <i>lanceolatum</i>
<i>Bouteloua curtipendula</i>	<i>Bouteloua curtipendula</i> var. <i>curtipendula</i>
<i>Campanula aparinoides</i>	<i>Campanula aparinoides</i> var. <i>aparinoides</i>
<i>Carex communis</i> var. <i>amplisquama</i>	<i>Carex amplisquama</i>
<i>Campanula aparinoides</i>	<i>Campanula aparinoides</i> var. <i>aparinoides</i>
<i>Chasmanthium sessiliflorum</i>	<i>Chasmanthium sessiliflorum</i> var. <i>sessiliflorum</i>
<i>Cheilanthes alabamensis</i>	<i>Myriopteris alabamensis</i>
<i>Coeloglossum viride</i> var. <i>virescens</i>	<i>Dactylorhiza viridis</i>
<i>Coelorachis cylindrical</i>	<i>Mnesithea cylindrica</i>
<i>Dichantheium boreale</i>	<i>Dichantheium bicknellii</i>
<i>Epilobium ciliatum</i>	<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>
<i>Euonymus atropurpureus</i>	<i>Euonymus atropurpureus</i> var. <i>atropurpureus</i>
<i>Heuchera parviflora</i>	<i>Heuchera parviflora</i> var. <i>parviflora</i>
<i>Hymenocallis occidentalis</i>	<i>Hymenocallis occidentalis</i> var. <i>occidentalis</i>
<i>Krigia biflora</i>	<i>Krigia biflora</i> var. <i>biflora</i>
<i>Luziola fluitans</i>	<i>Luziola fluitans</i> var. <i>fluitans</i>
<i>Milium effusum</i>	<i>Milium effusum</i> var. <i>cisatlanticum</i>
<i>Oplismenus hirtellus</i> ssp. <i>setarius</i>	<i>Oplismenus setarius</i>
<i>Orbexilum pedunculatum</i> var. <i>pedunculatum</i>	<i>Orbexilum pedunculatum</i>
<i>Oxalis priceae</i>	<i>Oxalis macrantha</i>
<i>Paspalum pubiflorum</i>	<i>Paspalum pubiflorum</i> var. <i>glabrum</i>
<i>Polygonum ramosissimum</i> var. <i>prolificum</i>	<i>Polygonum prolificum</i>
<i>Prenanthes roanensis</i>	<i>Nabalus roanensis</i>
<i>Pteroglossaspis ecristata</i>	<i>Orthochilus ecristatus</i>
<i>Rudbeckia triloba</i> var. <i>pinnatiloba</i>	<i>Rudbeckia triloba</i> var. <i>beadleii</i>
<i>Scleria</i> sp. 1	<i>Scleria bellii</i>
<i>Solidago patula</i> var. <i>strictula</i>	<i>Solidago salicina</i>
<i>Solidago uliginosa</i>	<i>Solidago uliginosa</i> var. <i>uliginosa</i>
<i>Symphyotrichum laeve</i> var. <i>concinnum</i>	<i>Symphyotrichum concinnum</i>
<i>Symphyotrichum laeve</i> var. <i>laeve</i>	<i>Symphyotrichum laeve</i>
<i>Trichophorum caespitosum</i> ssp. <i>caespitosum</i>	<i>Trichophorum caespitosum</i>
<i>Viola walteri</i> var. <i>appalachiensis</i>	<i>Viola appalachiensis</i>
<i>Viola walteri</i> var. <i>walteri</i>	<i>Viola walteri</i>

Taxonomy in this publication generally follows Weakley, A.S. *Flora of the Southern and Mid-Atlantic States*. 2015. University of North Carolina Herbarium (NCU) NC Botanical Garden, University of North Carolina, Chapel Hill, North Carolina. Available online at www.herbarium.unc.edu.

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