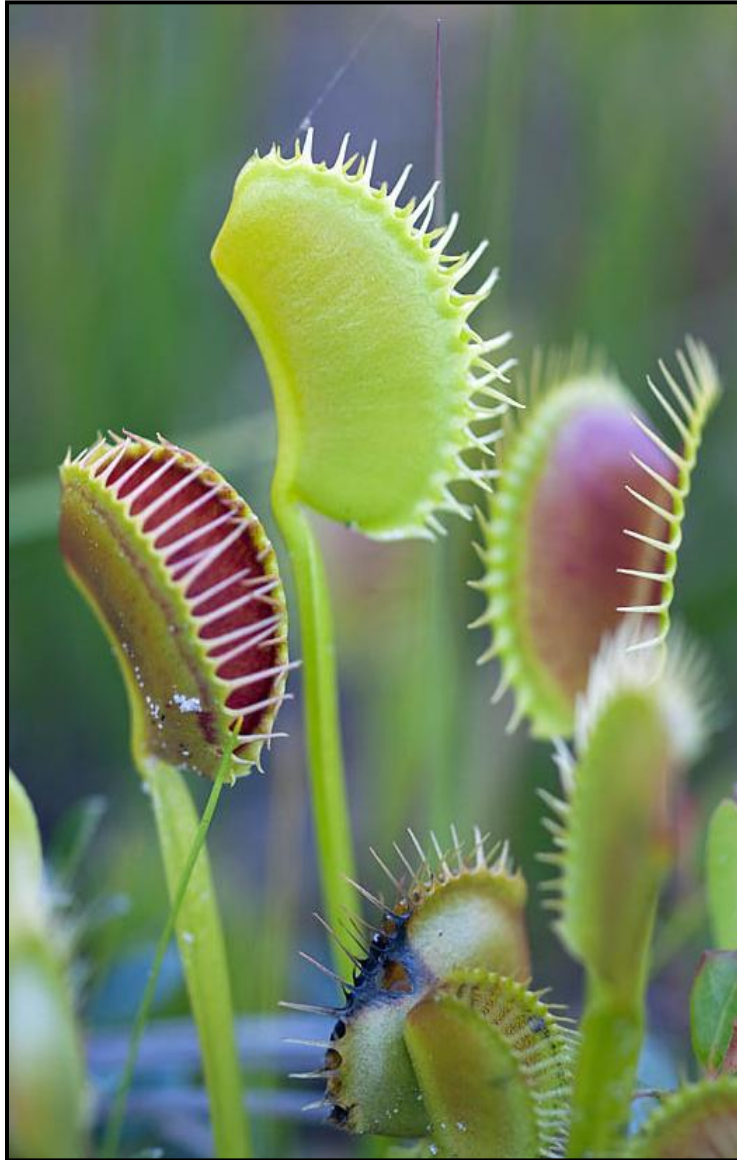


Natural Heritage Program

List of Rare Plant Species of North Carolina

2012



Edited by Laura E. Gadd, Botanist
John T. Finnegan, Information Systems Manager

North Carolina Natural Heritage Program
Office of Conservation, Planning, and Community Affairs
N.C. Department of Environment and Natural Resources
1601 MSC, Raleigh, NC 27699-1601

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NATURAL HERITAGE PROGRAM LIST OF THE RARE PLANTS OF NORTH CAROLINA

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Cover Image: *Dionaea muscipula* (Venus Flytrap) by Skip Pudney, Leland, NC



THE COUNTIES AND PHYSIOGRAPHIC PROVINCES OF NORTH CAROLINA

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NATURAL HERITAGE PROGRAM LIST OF RARE PLANTS OF NORTH CAROLINA

BACKGROUND INFORMATION. The North Carolina Natural Heritage Program (NC NHP), as part of its mission to preserve the biological diversity of North Carolina, maintains an inventory of all known locations of rare taxa. NC NHP 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. It serves as the state's data bank of locality information of natural areas and rare and endangered plant and animal species. It conducts environmental reviews of projects involving state or federal permits or monies, to minimize negative impacts on North Carolina's natural areas and rare species.

This list incorporates the most recent federal status of rare plants, as determined by the U.S. Fish and Wildlife Service (USFWS) with amendments to the species list current to 2012. Federally listed species are protected by the Endangered Species Act of 1973, as amended. The USFWS is the federal agency responsible for listing and protecting endangered and threatened species.

This list also includes North Carolina legal status information from the most recent version of the NC Plant Conservation Program (NC PCP) *List of North Carolina's Endangered, Threatened and Special Concern Plant Species*, which can be found on the website: www.ncplant.com. The NC Protected Plant List was revised and went into effect December 1, 2010. This website includes discussion of and information on the legal status of Endangered (E), Threatened (T), and Special Concern (SC) species. NC PCP, a unit of the Department of Agriculture and Consumer Services, is 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 of 1979 (General Statutes, Article 19B, 106: 202.12_22), as amended. NC PCP acts under the direction of a Plant Conservation Board and with the advice of a Scientific Committee to maintain and revise the state lists of protected (Endangered, Threatened, and Special Concern) plant species, to investigate protection needs and survival requirements of native plants, to carry out conservation programs, to make and enforce regulations, and to issue permits concerning protected plants. In general, removal of Endangered or Threatened plants from the wild and their sale or distribution is illegal without appropriate permits from the Program. Particular regulations concerning collection, propagation, and sale apply to those species listed as Endangered, Threatened, or Special Concern.

All plant taxa native to North Carolina which are officially recognized by federal or state agencies as protected or otherwise rare are included on this list. NC NHP, NC PCP, and USFWS work cooperatively to ensure the continued survival of all of North Carolina's rich flora.

Many species which lack formal, legal protection are nonetheless imperiled in North Carolina. Therefore, NC NHP collects data on species in addition to the three categories of protected plants (Endangered, Threatened, and Special Concern). These additional rare species are placed in two other categories of rare plants: Significantly Rare (SR) and Watch List (W). Definitions of all status categories are listed below, under "North Carolina Status."

NC NHP requests locality and population data on the species listed in this publication. Plant survey forms have been provided in the back of this publication for this purpose. For the most up-to-date information about the range of tracked plants in North Carolina, visit www.ncnhp.org.

NUMBER OF PLANT TAXA WITH THE INDICATED STATUS¹
(as of November 2012)

GROUP	APPROXIMATE NUMBER IN NORTH CAROLINA	N.C. STATUS				U.S. STATUS			
		E	T	SC	SR	E	T	C	FSC
Flowering Plants	4247	155	141	110	281	17	9	4	97
Mosses	440	-	1	1	121	-	-	-	3
Liverworts	225	-	-	5	58	-	-	-	7
Hornworts	9	-	-	-	1	-	-	-	1
Lichens	857	1	1	2	19	1	-	-	2
Total	5778	156	143	118	480	18	9	4	110

LIST FORMAT Species are placed into five groups: Vascular Plants, Mosses, Liverworts, Hornworts, and Lichens. They are listed alphabetically by scientific name within each group. The following information is presented for each species on the list.

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. Working draft of 15 May 2011. University of North Carolina Herbarium (NCU), NC Botanical Garden, University of North Carolina, Chapel Hill, North Carolina* (available online at herbarium.unc.edu). Scientific authorities for names have been omitted to save space, but follow Weakley (2011 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, NC. 1999).

Taxonomy and nomenclature of nonvascular plants (mosses, liverworts, hornworts, and lichens) generally follow Bryophyte Flora of North America, provisional publication, Missouri Botanical Garden (2001), available at: <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's *Liverworts of the Mountains of North Carolina* (1982), M.L. Hicks's *Guide to the Liverworts of North Carolina* (1992), M.L. Hicks and P.G. Davison'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&proj=103>),

T. L. Esslinger's, A cumulative checklist for the lichen-forming, lichenicolous and allied fungi of the continental United States and Canada (2009

<http://www.ndsu.nodak.edu/instruct/esslinge/chcklst/chcklst7.htm>, and Brodo, Sharnoff, and Sharnoff's *Lichens of North America* (2001).

Common Name. Common names are provided for the convenience of the user. Common names for plants are not standardized, and many plants have no satisfactory common name.

¹ includes species, as well as valid unique varieties and subspecies

State Rank. Natural Heritage Programs and NatureServe have developed a consistent method for evaluating the relative imperilment of both species and ecological communities. These assessments lead to the designation of a conservation status rank. For plant and animal species these ranks provide an estimate of extinction risk. This information has been developed by the NC Natural Heritage Program, NatureServe, and a large number of collaborators in government agencies, universities, natural history museums and botanical gardens, and other conservation organizations. This information has been developed primarily to help in guiding conservation and informing environmental planning and management. Conservation status ranks are based on a one to five scale, ranging from critically imperiled (S1) to demonstrably secure (S5). These status assessments are based on the best available information, considering a variety of factors such as abundance, distribution, population trends, and threats.

CODE	RANK	DESCRIPTION
S1	Critically imperiled	Critically imperiled in North Carolina 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	Imperiled	Imperiled in North Carolina 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	Vulnerable	Vulnerable to extinction in North Carolina either because rare or uncommon, or 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 and 10,000 individuals.
S4	Apparently Secure	Apparently secure and widespread in North Carolina, usually with more than 100 occurrences and more than 10,000 individuals.
S5	Secure	Common, widespread, and abundant in North Carolina. Essentially ineradicable under present conditions. Typically with considerably more than 100 occurrences and more than 10,000 individuals.
S#S#	Range Rank	A numeric range rank is used to indicate uncertainty about the exact conservation rank in North Carolina. For example, a S2S3 rank indicates that the species may be a S2 or a S3, but existing data do not allow that determination to be made.
SH	Historical	Occurred in North Carolina historically, 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.
SX	Presumed Extirpated	Believed to be extirpated in North Carolina and has not been located despite intensive searches of historical sites and other appropriate habitat.
SU	Unrankable	Currently cannot be assigned a rank in North Carolina due to lack of information or substantially conflicting information about status or trends. Need more information.
SNR	Not Ranked	Rank in North Carolina not yet assessed.
SNA	Not Applicable	A conservation status rank is not applicable because the element is not a suitable target for conservation because it is (1) an interspecific hybrid without conservation value, (2) not native to North Carolina, (3) outside its usual range and not regularly found in North Carolina, (4) never confidently documented as present in North Carolina, or (5) a taxon not confidently documented as present in North Carolina.

CODE	RANK	DESCRIPTION
B	Breeding	Rank of breeding population in North Carolina. Used for migratory species only. (Used as qualifier of above ranks, e.g., S5B.)
N	Nonbreeding	Rank of non-breeding population in North Carolina. Used for migratory species only. (Used as qualifier of above ranks, e.g., S3N.)
?	Uncertain	Indicates an inexact or uncertain numeric rank. (Used as qualifier of above ranks, e.g., "S2?".)

Global Rank. Global ranks are assigned by NatureServe (formerly the science branch of The Nature Conservancy) staff biologists and contract biologists, based on a consensus of scientific experts, the individual natural heritage programs, and the Natural Heritage Network. They apply to the status of a species throughout its range. This system is widely used by other agencies and organizations, as the best available scientific and objective assessment of a species' rarity throughout its range.

CODE	RANK	DESCRIPTION
G1	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), acres (<2,000), or linear miles (<10).
G2	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), acres (2,000 to 10,000), or linear miles (10 to 50).
G3	Vulnerable	Vulnerable globally either because very rare throughout its range found only in a restricted range (even if abundant at some locations), or because of other factors making it vulnerable to extinction. Typically 21 to 100 occurrences or between 3,000 and 10,000 individuals.
G4	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	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.
G#G#	Range Rank	A rank involving two numbers indicates uncertainty of rank. For example, a G2G3 rank indicates that the species may be a G2 or a G3, but that existing data do not allow that determination to be made.
GH	Historical	Known from only historical occurrences, but with some expectation that it may be rediscovered. May still be extant; further searching is needed.
GX	Presumed Extinct	Believed to be extinct throughout its range with virtually no likelihood that it will be rediscovered. Not located despite intensive searches of historical sites and other appropriate habitat.
GU	Uncertain	Currently cannot be assigned a rank due to lack of information or due to substantially conflicting information about status or trends; need more information.
GNR	Not Ranked	Global rank not yet assessed.

CODE	RANK	DESCRIPTION
GNA	Not Applicable	A conservation status rank is not applicable because the Element is not a suitable target of conservation activities. A rank is not assigned either because it is (1) an interspecific hybrid without conservation value; or (2) the element is a product of domestication or cultivation.
T#	Intraspecific Taxon	The rank of a 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.
?	Inexact or Uncertain	Denotes inexact or uncertain numeric rank. Used as qualifier of above ranks.
Q	Questionable taxonomy	Questionable taxonomy 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 species having a lower-priority conservation status rank. Used as qualifier of above ranks.

North Carolina Status. Endangered, Threatened, and Special Concern species have legally protected status in North Carolina through N.C. PCP. NHP maintains computer data and GIS map files on Endangered, Threatened, Special Concern-Vulnerable, Special Concern-Historical, and Significantly Rare species; paper and electronic files are maintained on Watch List species.

STATUS CODE	STATUS	NORTH CAROLINA STATUS DEFINITION
E	Endangered	"Any species or higher taxon of plant whose continued existence as a viable component of the State's flora is determined to be in jeopardy" (GS 19B 106: 202.12). (Information on permitting regulations for NC Endangered, Threatened, and Special Concern species can be found at www.ncplant.com)
T	Threatened	"Any resident species of plant which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range" (GS 19B 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	Any species not listed by the N.C. Plant Conservation Program as Endangered, Threatened, or Candidate, which is rare in North Carolina, generally with 1-100 populations in the state, frequently substantially reduced in numbers by habitat destruction (and sometimes also by direct exploitation or disease).

SR-L	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	Throughout	The species is rare throughout its range (fewer than 100 populations total).
SR-D	Disjunct	The species is disjunct to North Carolina from a main range in a different part of the country or world.
SR-P	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 which are unusual in North Carolina.
SR-O	Other	The range of the species is sporadic or cannot be described by the other Significantly Rare categories
W	Watch List	Any other species believed to be rare and of conservation concern in the state but not warranting active monitoring at this time (see the Watch List section for a more complete discussion).

United States Status is designated by the U.S. Fish and Wildlife Service (USFWS) and the U.S. National Marine Fisheries Service in accordance with the U.S. Endangered Species Act of 1973, as amended (U.S. ESA). 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 U.S. ESA. 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 U.S. Fish and Wildlife Service and the National Marine Fisheries Service periodically publish a Notice of Review or Notice of Reclassification in the Federal Register that present 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. Consult the Asheville or Raleigh Ecological Services Field Offices for more information.

STATUS

CODE	STATUS	UNITED STATES STATUS DEFINITION
E	Endangered	A taxon "in danger of extinction throughout all or a significant portion of its range" (Endangered Species Act, Section 3).
T	Threatened	A taxon "likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range (Endangered Species Act, Section 3).
C	Candidate	"Taxa for which the [Fish and Wildlife] Service 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 Service encourages State and other Federal agencies as well as other affected parties to give consideration to these taxa in environmental planning." (<i>Federal Register</i> , February 28, 1996). Taxa formerly in 'Category 1' are now considered as 'Candidate'.

FSC	(Federal) Species of Concern	A species under consideration for listing, for which there is insufficient information to support listing at this time. These species may or may not be listed in the future, and many of these species were formerly recognized as "C2" candidate species. "...The Service remains concerned about these species but further biological research and field study are needed to resolve the conservation status of these taxa. Many species of concern will be found not to warrant listing, either because they are not threatened or endangered or because they do not qualify as species under the definition in the [Endangered Species] Act. Others may be found to be in greater danger of extinction than some present candidate taxa. The Service is working with the States and other private and public interests to assess their need for protection under the Act. Such species are the pool from which future candidates for listing will be drawn." (<i>Federal Register</i> , February 28, 1996).
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Physiographic Province. The provinces in which the species is known to occur are indicated. This should not be regarded as the only province(s) of the state in which the species could occur; as our knowledge of the flora of North Carolina is still very imperfect. The provinces are abbreviated as follows:

ABBR.	PROVINCE	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.
S	Sandhills	The southwestern portion of the Coastal Plain province consisting mostly of deep aeolian sands of the Middendorf and Pinehurst formation (portions of Cumberland, Harnett, Hoke, Lee, Moore, Richmond, Scotland, and Montgomery counties). The Sandhills are actually part of the Coastal Plain but are here distinguished because of their distinctive geomorphology and vegetation.
C	Coastal Plain	All parts of North Carolina east of the Fall Line, but excluding the Sandhills region and those portions associated with tidal water (ocean, sounds, barrier islands, and mainland brackish or salt marshes).
T	Tidewater	That part of the state 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 N.C. Natural Heritage Program database. We request information about any new occurrences in the state. County names are followed by symbols 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. Un-surveyed 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 there is reason to doubt its continued existence.

+ Counties whose records have an unknown date of observation are marked with a plus (+).

? 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 listed are new to the rare list and county status information had not been compiled at the time of publication. Visit the Natural Heritage Program Web site for the most up-to-date county occurrence information: www.ncnhp.org.

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

NORTH CAROLINA RARE PLANT LIST

Vascular Plants

<i>Acmella repens</i>	Creeping Spotflower	SR-D	S1	G5
CP: low wet areas and floating mats in alluvial forests and swamps (Columbus, Robeson)				
<i>Acmispon helleri</i>	Carolina Birdfoot-trefoil	SC-V FSC	S3	G3
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>	Trailing Wolfsbane	SR-T	S3	G3
M: rich coves, seepage slopes, boulderfields, rocky stream banks, mainly associated with mafic rocks (Ashe, Avery, Buncombe, Caldwell, Graham, Haywood, Jackson, Macon, Mitchell, Transylvania, Watauga, Yancey)				
<i>Adiantum capillus-veneris</i>	Venus Hair Fern	T	S1	G5
C: coquina limestone (marl) outcrops, also adventitious on mortar of old stone walls in Wilmington, New Hanover County (Columbus)				
<i>Adlumia fungosa</i>	Climbing Fumitory	SC-V	S2	G4
M: coves and cliffs (Alleghany, Buncombe, Graham+, Haywood, Henderson, Jackson*, Macon*, Madison, Swain, Yancey)				
<i>Aeschynomene virginica</i>	Sensitive Jointvetch	T T	S1	G2
TC: freshwater to slightly brackish tidal marshes and wet ditches (Beaufort, Craven, Hyde, Lenoir)				
<i>Agalinis virgata</i>	Branched Gerardia	T	S2	G3G4Q
CS: savannas and depression pond shores (Brunswick, Carteret, Craven, Duplin, New Hanover, Onslow, Pender, Scotland)				
<i>Agastache nepetoides</i>	Yellow Giant-hyssop	SR-P	S1	G5
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>	Tall Bentgrass	SR-T	S2	G4
C: wet savannas (Brunswick, Carteret, Onslow, Pender)				
<i>Agrostis mertensii</i>	Arctic Bentgrass	E	S1	G5
M: high elevation rocky summits and balds (Avery, Mitchell*, Yancey)				
<i>Allium allegheniense</i>	Allegheny Onion	SR-T	S1	G3?
M: rock outcrops and woodlands over mafic rock at moderate to high elevations (Ashe, Caldwell)				
<i>Allium cuthbertii</i>	Striped Garlic	T	S2	G4
PM: low elevation granitic domes and other rocky sites with circumneutral soils (Alexander, Madison*, Randolph, Wilkes)				

Scientific Name Region: Habitat Comments (Counties of Occurrence)	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global
<i>Allium sp. 1</i> C: wet savannas (Brunswick, Onslow, Pender)	Savanna Onion	SR-L	FSC	S1S2	G1G2
<i>Alnus viridis ssp. crispa</i> M: balds (Avery, McDowell, Mitchell)	Green Alder	SC-V		S1	G5T2
<i>Amaranthus pumilus</i> T: ocean beaches and island-end flats (Brunswick, Carteret, Currituck, Dare, Hyde, New Hanover, Onslow, Pender)	Seabeach Amaranth	T	T	S2	G2
<i>Amorpha confusa</i> C: wet savannas (Bladen*, Brunswick, Columbus, New Hanover*)	Savanna Indigo-bush	T	FSC	S3	G3
<i>Amorpha georgiana</i> CS: mesic to moist terraces along blackwater streams and ecotones between pocosins and savannas (Cumberland, Harnett, Hoke, Lee, Lenoir*, Moore, Pender, Richmond, Robeson*, Scotland)	Georgia Indigo-bush	E	FSC	S2	G3
<i>Amphicarpum muhlenbergianum</i> C: clay-based Carolina bays (Hoke, Robeson, Scotland)	Florida Goober Grass	E		S1	G4
<i>Andropogon mohrii</i> C: wet savannas (Brunswick, Carteret, Columbus, Craven, Onslow, Pender, Robeson*, Scotland, Washington*)	Bog Bluestem	T		S2	G4?
<i>Anemone berlandieri</i> P: thin soils around rock outcrops, usually on basic soil (Alexander, Anson, Mecklenburg*, Montgomery, Orange, Polk*, Rowan, Rutherford, Stanly)	Southern Anemone	E		S2	G4?
<i>Anemone caroliniana</i> P: clayey woodlands over mafic rocks (Mecklenburg, Rutherford, Stanly*)	Prairie Anemone	E		S1	G5
<i>Anthoxanthum hirtum</i> M: bogs (Ashe, Macon)	Holy Grass	SR-D		S1	G5
<i>Anticlea glauca</i> M: calcareous rock outcrops (Buncombe*, McDowell, Yancey)	White Camas	SR-P		S1	G4G5
<i>Arabis patens</i> M: thin soils around limestone and nutrient-rich seepage from amphibolite (Madison, Rutherford, Swain)	Spreading Rockcress	SR-T		S1	G3
<i>Arabis pycnocarpa var. adpressipilis</i> PM: thin soils around basic rock outcrops (Alexander, Buncombe)	Hairy Rockcress	E		S1	G5T4Q
<i>Arenaria lanuginosa var. lanuginosa</i> TC: maritime grasslands and forests, other sandy sites, shell middens, coquina limestone (marl) outcrops (Beaufort*, Brunswick*, Carteret*, Dare*, Jones, Onslow, Pender*)	Spreading Sandwort	SR-P		S1	G5T4T5
<i>Arethusa bulbosa</i> MP: bogs (Alleghany, Ashe*, Avery, Forsyth*, Henderson*, Transylvania)	Bog Rose	E		S1	G4

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<i>Arisaema triphyllum ssp. stewardsonii</i>	Bog Jack-in-the-pulpit	SR-P		S2	G5T4
M: bogs (Alleghany, Avery, Catawba, Henderson, Jackson, Macon, McDowell, Mitchell, Transylvania, Watauga, Yancey)					
<i>Aristida condensata</i>	Big Three-awn Grass	T		S2	G4?
C: bay rims with xeric pine-oak scrub (Bladen, Hoke*, New Hanover, Pender, Richmond*, Scotland*)					
<i>Aristida simpliciflora</i>	Chapman's Three-awn	E		S1S2	G3G4
C: wet savannas (Brunswick, Columbus, Onslow, Pender)					
<i>Aristida tenuispica</i>	Hillsboro Three-awn Grass	SR-P		S1	G5
C: xeric sandhill scrub (New Hanover, Pender)					
<i>Arnoglossum ovatum</i>	Savanna Indian-plantain	E		S2	G4G5
C: wet savannas (Bladen*, Brunswick, Columbus, Jones, Onslow, Pender)					
<i>Asclepias pedicellata</i>	Savanna Milkweed	SC-V		S3	G4
C: dry savannas and moist flatwoods (Bladen, Brunswick, Carteret, Columbus, New Hanover, Onslow, Pender, Sampson)					
<i>Asclepias purpurascens</i>	Purple Milkweed	SR-T		S1?	G5?
PMC: swamps, bottomlands, edges of moist woods (Bertie*, Durham, Hertford, Johnston, Moore, Pender, Union+)					
<i>Asplenium bradleyi</i>	Bradley's Spleenwort	SR-P		S2	G4
PM: acidic rock outcrops and cliffs (Burke, Cleveland*, Gaston, McDowell, Orange, Polk, Rutherford, Stokes)					
<i>Asplenium heteroresiliens</i>	Carolina Spleenwort	E	FSC	S2	G2
C: coquina limestone outcrops (Bladen, Craven, Jones, Onslow*)					
<i>Asplenium monanthes</i>	Single-sorus Spleenwort	E		S1	G4
M: outcrops near waterfalls in escarpment gorges (Jackson, Transylvania)					
<i>Asplenium pinnatifidum</i>	Lobed Spleenwort	SR-P		S2	G4
PM: acidic rock outcrops and cliffs (Caldwell*, Henderson, Macon, Madison, Polk, Rutherford, Transylvania, Wilkes)					
<i>Asplenium ruta-muraria</i>	Wall-rue Spleenwort	SC-V		S1	G5
M: limestone outcrops (Burke, Madison, McDowell)					
<i>Astragalus michauxii</i>	Sandhills Milk-vetch	SC-V	FSC	S3	G3
SC: dry to xeric longleaf pine-oak woodlands and river-deposited sandhills (Bladen, Cumberland, Harnett, Hoke, Moore, New Hanover*, Pender, Richmond, Robeson*, Sampson, Scotland)					
<i>Baccharis glomeruliflora</i>	Silverling	SC-H		S1	G4
T: shrubby areas on margins of brackish marshes (Brunswick*, New Hanover*, Pender)					

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<i>Bacopa caroliniana</i> C: Shallow ponds, marshes, natural lakes, and tidal creeks (Bladen, Brunswick, Columbus, New Hanover, Pender)	Blue Water-hyssop	T		S1	G4G5
<i>Bacopa innominata</i> C: tidal freshwater marshes (Chowan, New Hanover*, Pender*)	Tropical Water-hyssop	SC-H		SH	G3G5
<i>Bacopa rotundifolia</i> C: natural lakes (Hyde*, Pender)	Round-leaf Water-hyssop	SR-D		S1	G5
<i>Balduina atropurpurea</i> C: savannas (Bladen, Brunswick*)	Purple-disk Honeycomb-head	E	FSC	S1	G2
<i>Baptisia alba</i> PCS: open woodlands, clearings (Anson, Cabarrus, Davidson, Johnston, Montgomery, Randolph, Stanly, Union)	Thick-pod White Wild Indigo	T		S2	G5
<i>Baptisia australis</i> var. <i>aberrans</i> P: glades and open forests on basic soils (Cabarrus*, Caswell, Durham, Granville, Montgomery, Orange, Person*)	Prairie Blue Wild Indigo	E		S2	G5T2
<i>Baptisia bracteata</i> P: open woodlands (McDowell*)	Creamy Wild Indigo	SC-H		SH	G4G5
<i>Berberis canadensis</i> 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*)	American Barberry	SC-V		S2	G3
<i>Betula cordifolia</i> M: high elevation forests and landslide scars (Yancey)	Mountain Paper Birch	SC-V		S1	G5
<i>Bidens trichosperma</i> CT: brackish marshes (Beaufort*, Chowan*, Craven*, Dare, Tyrrell*)	Crowned Beggar-ticks	SR-P		S1	G5
<i>Boechera missouriensis</i> P: thin soils around basic rock outcrops (Anson, Madison, Stanly, Union)	Missouri Rockcress	SC-V		S1	G5?Q
<i>Boltonia asteroides</i> var. <i>glastifolia</i> CS: clay-based Carolina bays, marshes, savannas (Brunswick, Camden*, Columbus, Hoke, New Hanover, Robeson, Scotland)	White Doll's-daisy	SR-O		S2	G5
<i>Botrychium lanceolatum</i> var. <i>angustisegmentum</i> MP: cove forests (Burke, Macon)	Lance-leaf Moonwort	SR-P		S1	G5T4
<i>Botrychium matricariifolium</i> MP: cove forests (Avery, Burke, Haywood, Jackson, Mitchell, Swain, Yancey)	Daisy-leaf Moonwort	SR-P		S1	G5
<i>Botrychium simplex</i> var. <i>simplex</i> M: open, grassy sites (Haywood, Jackson, Mitchell, Transylvania)	Least Moonwort	SR-P		S2	G5T5

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<i>Bouteloua curtipendula</i> var. <i>curtipendula</i> M: dry rocky slopes and bluffs (Swain)	Sideoats Grama	SR-P		S1	G5T5
<i>Brachyelytrum aristosum</i> M: northern hardwood forests (Alleghany, Ashe, Avery, Buncombe, Caldwell, Clay, Graham, Haywood, Jackson, Macon, Mitchell, Swain, Transylvania, Watauga)	Northern Shorthusk	SR-P		S3	G4G5
<i>Bromus ciliatus</i> M: moist areas near high elevation grassy balds (Alexander, Ashe, Buncombe, Haywood, Henderson, Mitchell, Transylvania, Watauga)	Fringed Brome	SR-P		S1	G5
<i>Bromus latiglumis</i> M: river floodplains (Alleghany, Jackson)	Riverbank Brome	SR-P		S1	G5
<i>Buchnera americana</i> MPS: glades, open forests, streambanks, probably primarily over mafic or calcareous rocks (Cumberland*, Durham*, Harnett*, Orange*, Polk*, Rowan, Sampson*, Union, Wake*)	American Bluehearts	E		S1	G5?
<i>Buckleya distichophylla</i> M: bluffs, dry slopes, forests on lower slopes (Buncombe, Haywood, Macon, Madison, Mitchell, Swain*)	Piratebush	T	FSC	S2	G2
<i>Bulbostylis warei</i> T: interdunes, riverine sandhills, and other xeric sand deposits (Brunswick*)	Ware's Hair Sedge	SC-H		SH	G3G4
<i>Calamagrostis cainii</i> M: high elevation rocky summits (Buncombe, Yancey)	Cain's Reed Grass	E	FSC	S1	G1
<i>Calamagrostis canadensis</i> var. <i>canadensis</i> M: bogs and moist areas around high elevation rock outcrops (Alleghany, Ashe, Avery, Haywood*, Jackson*, Macon, Mitchell*, Watauga*)	Canada Reed Grass	SR-P		S1	G5T5
<i>Calamagrostis porteri</i> M: middle elevation ridgetop forests (Cherokee+, Clay, Henderson, Jackson, Macon, Rutherford, Surry, Transylvania*)	Porter's Reed Grass	SR-P		S1	G4
<i>Callitriche terrestris</i> CP: low, wet places (Richmond, Stanly, Union)	Terrestrial Water-starwort	SR-O		S2?	G5
<i>Calopogon multiflorus</i> C: savannas (Brunswick, Carteret, Onslow, Pender)	Many-flower Grass-pink	E	FSC	S1	G2G3
<i>Caltha palustris</i> var. <i>palustris</i> M: boggy sites (Alleghany, Ashe, Avery*, Buncombe*, Madison*, Watauga, Yancey*)	Marsh-marigold	E		S1	G5T5
<i>Camassia scilloides</i> CP: rich levees, slopes, and bottomlands (Alleghany, Northampton, Vance)	Wild Hyacinth	T		S1	G4G5

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<i>Campanula aparinoides</i> M: bogs and other wet, open sites (Alleghany, Ashe, Avery, Burke, Clay*, Haywood, Henderson, Jackson, Macon, Mitchell*, Transylvania, Wilkes*, Yancey)	Marsh Bellflower	SR-P		S2	G5
<i>Campanula rotundifolia</i> M: high elevation rocky summits (Ashe)	Bluebells	E		S1	G5
<i>Cardamine clematitis</i> M: high elevation seeps, shaded outcrops, and streambanks (Avery, Caldwell, Graham, Haywood, Jackson, Macon, Mitchell, Swain, Transylvania, Watauga, Yancey)	Mountain Bittercress	SR-T	FSC	S2	G3
<i>Cardamine dissecta</i> PM: rich woods, cove forests, bottomlands (Anson, Davidson, Durham, Guilford*, Mecklenburg, Montgomery, Randolph, Rowan, Rutherford+, Union)	Dissected Toothwort	SC-V		S2	G4?
<i>Cardamine douglassii</i> P: bottomlands, rich lower slopes (Cumberland, Durham, Granville, Harnett, Hertford*, Northampton, Orange*, Wake)	Douglass's Bittercress	T		S2	G5
<i>Cardamine longii</i> C: tidal marshes and tidal cypress-gum forests (Bladen, Craven*, New Hanover, Pender)	Long's Bittercress	SC-V		S1	G3
<i>Cardamine micranthera</i> P: seeps, streamside sandbars, and floodplain depressions (Forsyth*, Stokes)	Small-anthered Bittercress	E	E	S2	G2
<i>Cardamine rotundifolia</i> MP: seeps, banks of mountain brooks (Alleghany, Ashe, Mitchell, Stokes, Watauga, Yancey)	Mountain Watercress	T		S2	G4
<i>Carex arctata</i> M: northern hardwood and spruce forests, bog edges (Ashe, Watauga)	Black Sedge	SR-P		S1	G5?
<i>Carex argyrantha</i> M: wet meadows (Ashe)	Hay Sedge	E		S1	G5
<i>Carex austrodeflexa</i> CS: streamhead pocosins and floodplains of small blackwater streams (Brunswick, Harnett, Hoke, Moore, Onslow, Pender, Richmond, Scotland)	Canebrake Sedge	SR-L		S2	G3G4
<i>Carex baileyi</i> M: bogs and seeps (Alleghany, Ashe, Avery, Jackson, Mecklenburg*, Transylvania, Watauga)	Bailey's Sedge	SR-P		S2	G4
<i>Carex barrattii</i> MS: seepage slopes (Harnett*, Henderson*)	Barratt's Sedge	SC-H		SH	G4
<i>Carex basiantha</i> C: mesic forests, bottomlands, and lower slopes, over calcareous rock (Jones, Pender)	Widow Sedge	SR-D		S1	G5
<i>Carex bushii</i> PM: open wet areas (Ashe*, Cabarrus, Durham*, Gaston*, Granville*, Johnston*, Nash*, Orange, Rowan, Stanly)	Bush's Sedge	SR-P		S1	G4

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<i>Carex buxbaumii</i> MP: bogs and fens (Alleghany, Ashe, Avery, Forsyth*, Henderson, Watauga, Yancey)	Brown Bog Sedge	SC-V		S2	G5
<i>Carex calcifugens</i> C: mesic deciduous forests and maritime woodlands (Brunswick, Carteret, Dare, Onslow)	Calcium-fleeing Sedge	SR-T		S2?	G2G4
<i>Carex canescens ssp. disjuncta</i> CS: beaver ponds, old millponds, impoundments; usually on <i>Nyssa biflora</i> (Hoke, Richmond, Scotland, Tyrrell)	Silvery Sedge	SR-P		S2	G5T4?
<i>Carex careyana</i> M: rich cove forests (Jackson)	Carey's Sedge	T		S1	G4G5
<i>Carex cherokeensis</i> MP: floodplains (Bertie, Cherokee*, Macon, Madison, Pender, Polk)	Cherokee Sedge	E		S1	G4G5
<i>Carex communis var. amplisquama</i> M: rich woods (Henderson, Polk, Transylvania)	Fort Mountain Sedge	SR-T	FSC	S1	G5T3
<i>Carex conoidea</i> MP: bogs (Alleghany, Ashe, Iredell*)	Cone-shaped Sedge	SC-V		S1	G5
<i>Carex cristatella</i> M: grassy balds, bogs (Jackson*, Swain*)	Small-crested Sedge	SC-H		SH	G5
<i>Carex crus-corvi</i> C: swamp forests (Bertie*, Columbus, Edgecombe*, Martin*, Pitt*)	Crowfoot Sedge	SR-P		S1	G5
<i>Carex decomposita</i> C: beaver ponds, old millponds; often on <i>Taxodium ascendens</i> trunks and knees (Brunswick, Chowan, Cumberland, New Hanover*, Richmond, Warren*)	Cypress Knee Sedge	SC-V		S2	G3
<i>Carex deflexa</i> M: high elevation seepy forests	A Sedge	SR-D		S1	G5
<i>Carex eburnea</i> M: calcareous outcrops (Madison)	Bristle-leaf Sedge	T		S1	G5
<i>Carex emmonsii</i> CS: moist woods and stream banks (Columbus, Harnett*, Hoke, Johnston*, Jones, Moore, Northampton*, Onslow, Pender, Wayne*)	Emmons's Sedge	SR-O		S2	G5T5
<i>Carex exilis</i> S: seepage slopes, wet seepy powerlines (Cumberland, Harnett, Hoke, Moore*)	Coastal Sedge	E		S2	G5
<i>Carex hitchcockiana</i> M: moist to dryish forests over calcareous or mafic rocks (Buncombe, Jackson, Macon)	Hitchcock's Sedge	SC-V		S1	G5
<i>Carex hormathodes</i> C: freshwater and slightly brackish tidal marshes (Currituck)	A Sedge	T		S1	G4G5

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<i>Carex impressinervia</i> CP: rich alluvial forests (Anson, Harnett, Montgomery, Stanly, Union)	Ravine Sedge	SR-T	FSC	S2	G2
<i>Carex jamesii</i> PC: rich woods, especially over mafic rocks (Caswell, Cumberland, Durham, Halifax, Harnett, Lee, Martin, Moore, Northampton)	James's Sedge	SR-P		S2	G5
<i>Carex lasiocarpa</i> var. <i>americana</i> M: shallow water of alkaline spring seep, hummocks in acidic basin marsh, high elevation fen over amphibolite (Ashe)	Slender Sedge	SR-P		S1	G5T5
<i>Carex lupuliformis</i> CP: moist bottomlands, especially in calcareous or mafic areas (Bertie, Brunswick, Craven*, Forsyth*, Jones, Sampson)	Hop-like Sedge	SR-P		S1	G4
<i>Carex lutea</i> C: ecotones between very wet clay savannas and swamp forests (Onslow, Pender)	Golden Sedge	E	E	S2	G2
<i>Carex meadii</i> P: low wet places over diabase (Durham*, Granville)	Mead's Sedge	SR-P		S1	G4G5
<i>Carex molestiformis</i> M: Bottomland forests (Alleghany)	Ozark Plateau Sedge	SR-D		S1	G4
<i>Carex oligocarpa</i> CM: rich woods, mostly over calcareous or mafic rocks (McDowell)	Rich-woods Sedge	T		S1	G4
<i>Carex oligosperma</i> M: seeps and bogs (Avery, Mitchell, Watauga)	Few-seeded Sedge	E		S1	G5?
<i>Carex pedunculata</i> M: rich cove forests (Henderson, Polk, Transylvania)	Longstalk Sedge	SC-V		S2	G5
<i>Carex projecta</i> CMP: bogs, marshes, swamps, brownwater floodplain forests and openings (Avery, Cherokee*, Cumberland*, Iredell*, Lee, Madison, Mecklenburg, Mitchell, Swain*, Transylvania, Wilkes)	Necklace Sedge	SR-P		S1	G5
<i>Carex purpurifera</i> M: low elevation, rich forests over limestone or marble (Cherokee, Clay, Graham, Macon, Swain)	Purple Sedge	SC-V		S2	G4?
<i>Carex radfordii</i> M: rich cove forests in the Blue Ridge escarpment region (Jackson, Polk, Transylvania)	Radford's Sedge	T	FSC	S1	G2
<i>Carex reniformis</i> CP: swamps, open wet areas (Bladen, Johnston*, Pender, Sampson, Wake*)	Kidney Sedge	T		S1	G4?
<i>Carex roanensis</i> M: forests (Ashe, Avery, Buncombe, Haywood, Madison*, McDowell, Mitchell, Transylvania, Watauga, Yancey)	Roan Sedge	SR-T		S2	G2G3

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<i>Carex socialis</i> C: streambeds and riverbanks (Columbus, Cumberland, Pender)	Social Sedge	SR-P		S1	G4
<i>Carex sp. 2</i> M: seepage over mafic or ultramafic rocks (Alleghany)	Fen Sedge	SR-T	FSC	S1	G1
<i>Carex superata</i> C: moist to wet forests over coquina limestone (marl) (Anson)	Limestone Forest Sedge	SR-T		S1?	G4?
<i>Carex tenax</i> CS: xeric sandhills (Moore, Wayne*)	Wire Sedge	E		S1	G5?
<i>Carex tetanica</i> MC: bogs and swamps (Macon, Wake*, Warren*, Wilson*)	Rigid Sedge	SR-P		S1	G4G5
<i>Carex trichocarpa</i> M: marshy bogs (Alleghany, Ashe*, Haywood*)	Hairy-fruit Sedge	SR-P		S1	G4
<i>Carex trisperma</i> M: bogs, wet forests at high elevations (Ashe, Avery, Buncombe, Mitchell*, Swain*, Watauga)	Three-seeded Sedge	E		S1	G5
<i>Carex utriculata</i> M: wet meadows (Alleghany, Henderson)	Beaked Sedge	SR-P		S1	G5
<i>Carex verrucosa</i> CS: savannas and pinelands (Beaufort*, Brunswick, Columbus*, Henderson, New Hanover*, Onslow)	Warty Sedge	SR-P		S2	G4
<i>Carex vesicaria</i> M: bogs (Alleghany, Ashe)	Inflated Sedge	SR-P		S1	G5
<i>Carex vestita</i> P: low woods (Chatham*, Durham*)	Velvet Sedge	SC-H		SH	G5
<i>Carex woodii</i> MPC: forested slopes, cove forests, and northern hardwoods (Alleghany, Ashe, Avery, Cherokee+, Clay, Henderson, Jackson, Jones*, Macon, Mitchell*, Orange*, Transylvania, Watauga)	Wood's Sedge	SR-P		S3	G4
<i>Carya laciniosa</i> PC: brownwater river levees (Bertie, Durham, Halifax)	Big Shellbark Hickory	T		S1	G5
<i>Carya myristiciformis</i> C: wet marl forests (Brunswick, Pender)	Nutmeg Hickory	E		S1	G4
<i>Caulophyllum giganteum</i> M: cove forests (Alleghany, Ashe, Graham)	Northern Blue Cohosh	SR-P		S1	G4G5Q
<i>Celastrus scandens</i> MP: cove forests and rich woods (Ashe*, Buncombe, Burke, Caswell, Cherokee+, Cleveland, Haywood*, Henderson, Jackson, Macon, Madison*, McDowell, Mitchell*, Randolph*, Rutherford, Swain*, Watauga*, Wilkes, Yancey*)	American Bittersweet	E		S2?	G5

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<i>Ceratophyllum australe</i> CT: pools in maritime forests, possibly other natural depression wetlands (Carteret*, Chowan)	Southern Hornwort	SR-P		S1	G5TNR
<i>Chamerion platyphyllum</i> M: grassy balds, roadsides, disturbed areas (Alleghany, Avery, Caldwell, Haywood, Mitchell, Watauga, Yancey*)	Fireweed	E		S1	G5
<i>Chasmanthium nitidum</i> C: blackwater bottomlands over marl (Pender)	A Spanglegrass	T		S1	G3
<i>Cheilanthes alabamensis</i> M: calcareous outcrops (Madison)	Alabama Lipfern	SR-P		S1	G4G5
<i>Chelone cuthbertii</i> MPC: bogs (Alleghany, Ashe, Avery, Burke, Catawba, Cumberland, Henderson, Jackson, Macon, Madison, McDowell, Stokes, Transylvania, Wayne, Yancey)	Cuthbert's Turtlehead	SC-V	FSC	S3?	G3
<i>Chelone obliqua</i> CM: swamp forests, bogs, wet places (Burke, Gates, Graham+, Hertford*, McDowell, Rutherford, Swain*, Transylvania)	Red Turtlehead	SR-T		S2	G4
<i>Chenopodium foggii</i> M: rocky, mountain slopes	Fogg's Goosefoot	SR-T		SH	G2G3
<i>Chenopodium simplex</i> M: shaded soil at bases of cliffs (Alleghany, Ashe*, Jackson)	Giant-seed Goosefoot	T		S1	G5
<i>Chrysoma pauciflosculosa</i> C: riverine sand ridges and xeric pine-oak scrub (Columbus, Cumberland, Robeson)	Woody Goldenrod	E		S1	G4G5
<i>Cirsium carolinianum</i> P: forests and disturbed areas, mostly on basic soils (Burke, Cabarrus*, Granville, Mecklenburg, Montgomery, Rowan, Rutherford, Wake*, Wilkes*)	Carolina Thistle	E		S2	G5
<i>Cirsium lecontei</i> C: savannas (Bladen*, Brunswick, Carteret, Columbus, Craven, Onslow, Pender)	Leconte's Thistle	SC-V		S2	G2G3
<i>Cirsium nuttallii</i> C: pine savannas, roadsides, pastures	Nuttall's Thistle	SR-P		S1	G5
<i>Cladium mariscoides</i> 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)	Twig-rush	SR-O		S3	G5
<i>Clematis catesbyana</i> TCM: dunes, edges of maritime forests, or over dolomite (Carteret, Currituck*, Dare, Jones, McDowell, Onslow, Rutherford, Wake*)	Coastal Virgin's-bower	SR-P		S2	G4G5
<i>Clematis occidentalis var. occidentalis</i> M: montane oak forests and northern hardwood forests (Ashe, Buncombe)	Mountain Clematis	SC-V		S1	G5T5

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<i>Clinopodium georgianum</i> SC: rock ledges near blackwater streams and disturbed pine-oak uplands (Anson*, Brunswick, Pender, Richmond, Robeson*)	Georgia Calamint	E		S2	G5
<i>Coeloglossum viride</i> var. <i>virescens</i> MP: seeps in cove forests (Ashe, Avery*, Buncombe*, Forsyth*, Haywood*, Jackson*, Macon*, Watauga)	Long-bracted Frog Orchid	E		S1	G5T5
<i>Coelorachis cylindrica</i> P: open woodlands and roadsides (Anson*, Union)	Carolina Jointgrass	SC-H		SH	G4G5
<i>Collinsonia tuberosa</i> PM: rich hardwood forests (Alamance*, Chatham, Guilford*, Henderson*, McDowell, Montgomery, Polk, Rutherford)	Piedmont Horsebalm	SC-V		S1	G3G4
<i>Collinsonia verticillata</i> PM: cove forests (Polk)	Whorled Horsebalm	SC-V		S2	G3G4
<i>Conioselinum chinense</i> M: high elevation seepage slopes (Avery)	Hemlock-parsley	T		S1	G5
<i>Coptis trifolia</i> var. <i>groenlandica</i> M: bogs and moist, mossy forests (Alleghany)	Goldthread	T		S1	G5T5
<i>Corallorhiza maculata</i> var. <i>maculata</i> M: northern hardwood forests (Buncombe*, Haywood*, Henderson*, Jackson, Macon*, McDowell, Transylvania, Watauga, Yancey)	Spotted Coralroot	SR-P		S2	G5T3T5
<i>Corallorhiza wisteriana</i> 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*)	Spring Coral-root	SR-O		S1S2	G5
<i>Coreopsis grandiflora</i> var. <i>grandiflora</i> M: acidic glades (Jackson, Macon)	Large-flowered Tickseed	SR-O		S1	G5T4T5
<i>Coreopsis helianthoides</i> C: swamp forests and swamp edges (Beaufort*, Brunswick, Carteret, Columbus, Craven*, Duplin*, Jones*, Onslow, Pender, Pitt*)	Beadle's Coreopsis	SR-P		S1S2	G3G4Q
<i>Coreopsis</i> sp. 1 C: wet savanna with calcareous influence (Onslow)	Short-awned Coreopsis	SR-L		S1	G1?
<i>Cornus asperifolia</i> C: wet marl forests (Onslow, Pender)	Roughleaf Dogwood	E		S1	G4
<i>Cornus racemosa</i> P: moist soil in riparian zones, roadsides, and thickets (Durham, Orange)	Gray Dogwood	SR-P		S1	G5?

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<i>Corydalis micrantha</i> PM: thin, circumneutral soils on rock outcrops or cliffs (Alexander, Jackson*, Madison)	Slender Corydalis	T		S1	G5
<i>Crataegus coccinea</i> MP: deciduous forest understories, pastures, upland thickets	Scarlet Hawthorn	SR-P		S2?	G5
<i>Crataegus munda</i> C: xeric or subxeric forests, scrublands, disturbed woodlands (Bladen, Cumberland*, Sampson)	Batesburg Hawthorn	SR-T		S2?	G3G5Q
<i>Crataegus pallens</i> M: subxeric forests, slopes, rock outcrops, especially over mafic or calcareous substrates	Pale Hawthorn	SR-L		S1S2	G1G2
<i>Crataegus senta</i> CM: upland hills, disturbed forests, pastures	A Hawthorn	SR-L		S1?	G2
<i>Crataegus succulenta</i> M: high elevation rocky summits, mesic forests, pastures, especially over basic soil or mafic substrate	Fleshy Hawthorn	SR-P		S1S2	G5
<i>Crinum americanum</i> var. <i>americanum</i> C: tidal swamp forests, tidal marshes (New Hanover*)	Swamp-lily	SC-H		SH	G5
<i>Crocianthemum bicknellii</i> M: rock outcrops, glades, fens (Ashe, Buncombe, Haywood, Henderson, Jackson*, Macon*, Swain+, Transylvania)	Plains Sunrose	SC-V		S1	G5
<i>Crocianthemum carolinianum</i> CS: sandhills, pinelands, dry savannas (Brunswick, Carteret, Craven*, Cumberland*, Hoke, New Hanover, Pender, Robeson, Wilson*)	Carolina Sunrose	E		S1	G4
<i>Crocianthemum corymbosum</i> TC: maritime forests (Brunswick, Carteret, Dare*)	Pinebarren Sunrose	T		S1	G4G5
<i>Crocianthemum georgianum</i> TC: maritime forests (Brunswick, Carteret, Dare*, Hyde, New Hanover)	Georgia Sunrose	E		S1	G4
<i>Crocianthemum nashii</i> (=Helianthemum nashii) C: coastal fringe sandhill (Brunswick, New Hanover)	Florida Scrub Frostweed	E		S1	G3?
<i>Crocianthemum propinquum</i> MP: rock outcrops, glades (Alleghany, Ashe, Avery*, Buncombe*, Clay, Forsyth, Haywood, Henderson*, Macon, Stokes, Transylvania*, Watauga, Yancey)	Creeping Sunrose	T		S1	G4
<i>Crocianthemum rosmarinifolium</i> SC: dry clearings and roadsides within longleaf pine ecosystems (Hoke, Richmond, Scotland)	Rosemary Sunrose	T		S2	G4
<i>Croton monanthogynus</i> M: calcareous rock outcrops (Madison)	Prairie-tea Croton	E		S1	G5

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<i>Cuscuta cephalanthi</i> MP: on woody hosts (Alleghany)	Buttonbush Dodder	SR-T		S1	G5
<i>Cuscuta coryli</i> CPM: on woody or herbaceous hosts (Burke, McDowell, Rutherford)	Hazel Dodder	SR-T		S1?	G5?
<i>Cyperus dentatus</i> C: marshes (Brunswick*, Currituck*, Dare*)	Toothed Flatsedge	SC-H		SH	G4
<i>Cyperus granitophilus</i> P: granite flatrocks, other rock outcrops (Alexander*, Anson, Forsyth*, Franklin, Granville, Rutherford, Wake, Yadkin*)	Granite Flatsedge	T		S2	G3G4Q
<i>Cyperus lecontei</i> C: limesink ponds (Brunswick, New Hanover*, Onslow)	Leconte's Flatsedge	T		S2	G4?
<i>Cyperus tetragonus</i> T: maritime forests and barrier island grasslands (Brunswick, Carteret, Dare, New Hanover, Onslow, Pender)	Four-angled Flatsedge	SC-V		S1	G4?
<i>Cyperus virens</i> C: marshes and ditches (Columbus)	Green Flatsedge	SR-P		S1	G5
<i>Cypripedium parviflorum</i> var. <i>parviflorum</i> M: upper slopes of rich high elevation forests (Clay, Graham+, Macon)	Small Yellow Lady's-slipper	SR-T		S1S2	G5T3T5
<i>Cystopteris fragilis</i> M: high elevation cliffs (Mitchell, Watauga)	Fragile Fern	SR-P		S1	G5
<i>Cystopteris tennesseensis</i> CM: calcareous rock outcrops (Craven, Graham*, Jones, Onslow*)	Tennessee Bladder-fern	E		S1	G5
<i>Cystopteris tenuis</i> M: high elevation rocky summits, cliffs (Watauga)	Upland Bladder-fern	SR-P		S1	G4G5
<i>Danthonia epilis</i> MS: seepage bogs, wet seepy powerlines (Burke, Cumberland, Harnett, Haywood, Jackson, Macon, Montgomery, Moore, Richmond, Scotland, Transylvania)	Bog Oatgrass	SR-T	FSC	S3	G3G4
<i>Delphinium exaltatum</i> MP: grassy balds, glades, woodlands, mostly over mafic rock (Alleghany, Ashe, Avery*, Caldwell*, Durham, Granville*, Haywood, Jackson, McDowell, Mecklenburg*, Mitchell*, Union*, Watauga)	Tall Larkspur	E	FSC	S2	G3
<i>Dendrolycopodium dendroideum</i> M: openings and balds (Ashe, Graham, Haywood, Henderson*, Jackson, Swain, Transylvania*)	Prickly Ground-pine	SR-P		S2	G5
<i>Dendrolycopodium hickeyi</i> M: openings, balds, bog margins, and high elevation forests (Avery*, Buncombe, Burke*, Haywood, Henderson, Jackson, Macon, Mitchell, Transylvania, Yancey)	Pennsylvania Ground-pine	SR-P		S2?	G5

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<i>Deschampsia cespitosa</i> ssp. <i>glauca</i> M: olivine barrens, high elevation outcrops of mafic rock (Alleghany, Clay)	Tufted Hairgrass	T		S1	G5T5
<i>Desmodium fernaldii</i> SC: dry to mesic hardwood-pine woodlands (Brunswick*, Cumberland, Dare*, Duplin*, Edgecombe*, Gates*, Hoke, Jones*, Lenoir*, Martin*, Montgomery, Richmond, Scotland*, Washington*)	Fernald's Tick-trefoil	SR-P		S1	G4
<i>Desmodium ochroleucum</i> P: sandy or rocky woodland openings (Davie*, Orange*, Swain*)	Creamy Tick-trefoil	SC-H	FSC	SH	G1G2
<i>Desmodium sessilifolium</i> P: open woodlands (Cabarrus*, Mecklenburg*)	Sessile Tick-trefoil	SC-H		SH	G5
<i>Diarrhena americana</i> M: rich cove forest (Jackson)	Eastern Beakgrass	E		S1	G4G5
<i>Dicentra eximia</i> MP: rock outcrops (Buncombe, Burke, Graham, Haywood, Macon, Madison, McDowell, Mitchell, Rutherford, Swain, Transylvania, Watauga*, Yancey)	Bleeding Heart	SR-P		S3	G4
<i>Dichanthelium aciculare</i> ssp. <i>neuranthum</i> (=D. <i>neuranthum</i>) T: maritime wet grasslands (Brunswick*, Carteret*, Dare, Hyde, New Hanover*, Union)	Nerved Witch Grass	SC-V		S1	G5T3
<i>Dichanthelium annulum</i> 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*)	Ringed Witch Grass	SR-P		S1	GNR
<i>Dichanthelium boreale</i> MP: open woods (Alexander, Alleghany, Ashe, Columbus, Granville, Jackson, Macon, Mitchell, Montgomery, Moore*, Rowan, Yancey)	Northern Witch Grass	SR-P		S2	G5
<i>Dichanthelium caerulescens</i> C: wet savannas with a calcareous influence (Brunswick*, Carteret, Dare, Hyde, Onslow, Pender)	Blue Witch Grass	E		S1S2	G2G3
<i>Dichanthelium fusiforme</i> CS: dry sandy pinelands and other clearings (Beaufort, Bladen*, Brunswick, Columbus*, Dare, Gates, Hoke, Jones, Moore, Onslow, Richmond*)	Spindle-fruited Witch Grass	SR-P		S1	G5?
<i>Dichanthelium hirstii</i> C: cypress savannas (Onslow)	Hirsts' Panic Grass	E	C	S1	G1
<i>Dichanthelium</i> sp. 9 (=Panicum cryptanthum) C: wet streamhead pocosin openings, including utility clearings (Bladen, Brunswick, Carteret, Cumberland, Harnett, Hoke, Johnston*, Moore, New Hanover*, Onslow, Pender, Richmond, Wake*)	A Witch Grass	SR-L		S2	G2G3

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<i>Dichantherium spretum</i> CP: wet sands and peats of bogs, savannas, meadows, and shores (Carteret, Craven, Onslow)	Eaton's Witch Grass	SR-D		S1S2	G5
<i>Didiplis diandra</i> CS: sluggish streams and ponds (Chowan*, Edgecombe*, Harnett*, Hertford*, Johnston, Moore*, Nash, Perquimans*, Richmond, Wake, Warren*)	Water Purslane	SR-P		S1	G5
<i>Diervilla rivularis</i> M: forests (Yancey)	Riverbank Bush-honeysuckle	T		S1	G3
<i>Dionaea muscipula</i> 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)	Venus Flytrap	SC-V	FSC	S3	G3
<i>Ditrysinia fruticosa</i> C: swamp forests (Brunswick, Columbus, Pender*, Robeson)	Sebastian-bush	SC-V		S2	G5
<i>Draba ramosissima</i> MP: calcareous and mafic rock outcrops (Buncombe, Haywood, Jackson, Madison, Rutherford)	Branching Draba	SC-V		S2	G4
<i>Draba reptans</i> P: dry soil (Lincoln*)	Creeping Draba	SR-P		SH	G5
<i>Drosera filiformis</i> C: depression ponds, wet borrow pits, and ditches in various habitats including savannas, riverine sand ridges, and bay rims (Bladen, Brunswick, Columbus, Duplin, Robeson, Sampson)	Threadleaf Sundew	SC-V		S2	G4
<i>Echinacea laevigata</i> P: glades, woodlands, and open areas over mafic rocks (Durham, Granville, Mecklenburg, Montgomery*, Orange*, Rockingham*)	Smooth Coneflower	E	E	S1S2	G2G3
<i>Echinacea pallida</i> P: mafic glades and barrens (Gaston*, Granville, McDowell*, Mecklenburg*, Richmond, Rutherford)	Pale Coneflower	SR-D		S1	G4
<i>Echinacea purpurea</i> M: open woods and clearings (Alleghany+, Graham, Jackson*, Madison*, McDowell, Randolph, Rutherford*, Yadkin*)	Purple Coneflower	SC-V		S1	G4
<i>Echinodorus tenellus</i> C: drawdown zones of clay-based Carolina bays and blackwater rivers (Brunswick*, Robeson)	Dwarf Burhead	E		SH	G5?
<i>Eleocharis atropurpurea</i> C: clay-based Carolina bays (Scotland*)	Purple Spikerush	SR-D		S1	G4G5
<i>Eleocharis cellulosa</i> CT: interdune ponds, brackish marshes & tidal freshwater marshes (Beaufort, Carteret, Dare, Hyde, Onslow*, Washington)	Gulfcoast Spikerush	E		S2	G4G5

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<i>Eleocharis elongata</i> C: limesink ponds (Brunswick, Onslow)	Florida Spikerush	E		S1	G5?
<i>Eleocharis halophila</i> CT: brackish and freshwater marshes (Dare, Hyde*)	Saltmarsh Spikerush	SR-P		S1	G4
<i>Eleocharis montevidensis</i> CT: maritime wet grassland (Currituck*, Dare, Hyde, Onslow)	Sand Spikerush	SR-P		S1	G5
<i>Eleocharis parvula</i> CT: brackish and fresh marshes (Brunswick, Carteret, Dare, Hyde, Onslow, Tyrrell)	Little-spike Spikerush	SR-D		S1	G5
<i>Eleocharis robbinsii</i> 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)	Robbins' Spikerush	SC-V		S2	G4G5
<i>Eleocharis rostellata</i> CT: brackish marshes (Beaufort*, Brunswick, Camden, Carteret, Currituck, Dare, Hyde, Pamlico)	Beaked Spikerush	SR-O		S2	G5
<i>Eleocharis vivipara</i> C: bogs and pools (Moore, New Hanover, Onslow, Pender)	Viviparous Spikerush	E		S1	G5
<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> M: olivine barrens (Clay)	Slender Wheatgrass	T		S1	G5T5
<i>Elymus virginicus</i> var. <i>halophilus</i> C: brackish marshes, maritime forests and hammocks (Beaufort*, Brunswick, Craven, Washington)	Terrell Grass	SC-V		S1	G5T5
<i>Enemion biternatum</i> PC: rich bottomlands, levees, and lower slopes (Caswell, Chatham*, Cumberland, Durham, Franklin, Granville, Halifax, Harnett, Lee, Northampton, Orange*, Person, Vance)	Eastern Isopyrum	SC-V		S2	G5
<i>Epidendrum magnoliae</i> C: epiphytic on trees in blackwater river swamps (Bladen, Brunswick, Columbus, New Hanover, Pender)	Green Fly Orchid	T		S1S2	G4
<i>Epilobium ciliatum</i> M: seeps and bogs (Avery, Buncombe, Caldwell, Henderson, Jackson*, Macon, Madison, Mitchell*, Swain*, Watauga, Yancey)	Purpleleaf Willowherb	SR-P		S2	G5
<i>Erigenia bulbosa</i> MP: rich woods (Caswell, Graham)	Harbinger-of-spring	SR-P		S1	G5
<i>Eriocaulon aquaticum</i> CS: blackwater creeks, natural lakes, tidal freshwater marshes (Bladen, Brunswick*, Columbus, Craven, Cumberland, Hoke, Moore, Perquimans*, Tyrrell, Washington)	Seven-angled Pipewort	SC-V		S2	G5
<i>Eriocaulon parkeri</i> C: natural lakes (Hyde, Tyrrell)	Estuary Pipewort	T		S1	G3

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<i>Eriocaulon texense</i> S: streamhead seepage ecotones and seepage slopes (Cumberland, Richmond)	Texas Hatpins	E		S1	G4
<i>Eriogonum tomentosum</i> C: sandhills (Bladen*)	Southern Wild-buckwheat	SC-H		SH	G4G5
<i>Eryngium aquaticum var. ravenelii</i> C: wet flatwoods with a calcareous influence, ditches (Pender)	Marsh Eryngo	SR-P		S1	G4T2T4Q
<i>Erythrina herbacea</i> TC: maritime forests (Brunswick, Carteret*, New Hanover)	Coralbean	E		S2	G5
<i>Eupatorium anomalum</i> C: wet savannas	Florida Thoroughwort	SR-T		S1?	G2G3
<i>Eupatorium leptophyllum</i> C: limesink ponds and clay-based Carolina bays (Brunswick, New Hanover, Robeson, Scotland)	Limesink Dog-fennel	E		S2	G4G5
<i>Eupatorium paludicola</i> C: cypress savannas, clay-based bays, and small depressions ponds (Onslow, Scotland)	Bay Boneset	T		S1S2	G2
<i>Eupatorium resinosum</i> SC: seepage bogs, impoundments, shrub swamps, openings in streamhead pocosins (Bladen, Cumberland, Harnett, Hoke, Moore, Robeson, Sampson, Scotland)	Pine Barren Boneset	SR-O		S3	G3
<i>Eupatorium saltuense</i> P: upland forests, woodland borders (Burke, Caswell*, Cleveland, Granville*, McDowell, Person, Rutherford, Warren)	Tall Boneset	SR-L		S1?	G4
<i>Euphorbia bombensis</i> T: seabeaches (Brunswick*, Carteret, Dare)	Southern Seaside Spurge	SR-T		S2?	G4G5
<i>Euphorbia commutata</i> MP: thin soil around mafic or calcareous outcrops (Buncombe, Caswell*, Haywood, Rutherford)	Cliff Spurge	T		S1	G5
<i>Euphorbia cordifolia</i> CS: sandhills (Bladen, Richmond, Wayne*)	Heartleaf Sandmat	T		S1	G5
<i>Euphorbia mercurialina</i> P: rich slopes over gabbro (Anson, Richmond)	Cumberland Spurge	SC-V		S2	G4
<i>Euphorbia purpurea</i> M: forests, especially over mafic rock (Ashe, Buncombe, Clay, Graham, Haywood, Jackson, Macon, Madison, Mitchell, Swain, Watauga*, Yancey)	Glade Spurge	SR-T	FSC	S2	G3
<i>Eurybia mirabilis</i> P: rich slopes and bottomlands (Anson, Macon*, Mecklenburg, Montgomery, Richmond, Stanly, Union)	Piedmont Aster	SR-T	FSC	S3	G3

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<i>Eurybia spectabilis</i> CMP: pine barrens and woodland borders (Bertie*, Cabarrus*, Chatham, Chowan*, Craven*, Durham, Gates*, Hertford, Jones, Lee*, Onslow, Pitt*, Polk, Robeson, Rowan*, Stanly*)	Showy Aster	SR-O		S2?	G5
<i>Eustachys glauca</i> T: salt marshes	Saltmarsh Fingergrass	SR-P		SH	G4
<i>Filipendula rubra</i> M: bogs, wet meadows (Buncombe, Haywood, Macon, Watauga, Yancey)	Queen-of-the-prairie	E		S1	G4G5
<i>Fimbristylis perpusilla</i> C: drawdown zones of blackwater rivers (Brunswick, Columbus)	Harper's Fimbry	T	FSC	S1	G2
<i>Fleischmannia incarnata</i> PMC: rich woods and thin woodlands over diabase, calcareous rocks, other basic rocks, or rich alluvium (Alexander, Durham*, Madison, Martin*, Polk, Richmond, Warren*, Wilkes)	Pink Thoroughwort	T		S2	G5
<i>Fothergilla major</i> 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)	Large Witch-alder	SR-T		S3	G3
<i>Frasera caroliniensis</i> M: deciduous forests on mafic soil (Cherokee*, Clay, Graham+, Macon)	Columbo	SR-P		S2S3	G5
<i>Gaillardia aestivalis</i> var. <i>aestivalis</i> S: dry sandy roadsides, dry longleaf pine-oak uplands (Cumberland*, Hoke, Moore*, Richmond, Scotland)	Sandhills Blanket-flower	E		S2	G5TNR
<i>Galactia mollis</i> CST: loamy sand depressions in longleaf pine-oak uplands (Brunswick*, Cumberland, Hoke, Richmond, Scotland, Wayne*)	Soft Milk-pea	T		S2	G4G5
<i>Gaylussacia brachycera</i> P: dry ridges and slopes (Durham)	Box Huckleberry	E		S1	G3
<i>Gaylussacia nana</i> C: coastal fringe sandhill (New Hanover)	Confederate Huckleberry	E		S1	G4
<i>Gaylussacia orocola</i> M: bogs (Avery*, Buncombe*, Haywood*, Henderson, Macon*, Transylvania*)	Appalachian Dwarf Huckleberry	SR-L		S1	G1
<i>Gelsemium rankinii</i> C: floodplains of blackwater rivers and streams (Brunswick, Columbus, Cumberland*, New Hanover, Pender, Robeson)	Swamp Jessamine	SC-V		S1S2	G5
<i>Gentiana alba</i> M: habitat not known (Watauga*)	Yellow Gentian	SC-V		SH	G4

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<i>Gentianopsis crinita</i> M: glades, serpentine barrens, open sites over basic rocks (Ashe, Clay, Macon*, Watauga)	Fringed Gentian	T		S1	G5
<i>Geum aleppicum</i> M: bogs (Avery, Swain*)	Yellow Avens	E		S1	G5
<i>Geum geniculatum</i> M: high elevation forests, streambanks, seepage slopes (Avery, Caldwell, Mitchell, Watauga)	Bent Avens	SC-V	FSC	S1S2	G1G2
<i>Geum laciniatum</i> M: bogs and wet meadows (Avery, Wilkes*)	Rough Avens	E		S1	G5
<i>Geum lobatum</i> M: streambanks and ravines (Jackson*, Transylvania)	Lobed Barren-strawberry	E	FSC	S1	G2G3
<i>Geum radiatum</i> M: high elevation rocky summits (Ashe, Avery, Buncombe, Burke*, Haywood, Mitchell, Transylvania, Watauga, Yancey)	Spreading Avens	E	E	S2	G2
<i>Gillenia stipulata</i> P: forests and open woods, mainly over mafic rocks (Cabarrus*, Chatham*, Davidson, Durham, Granville, Lee*, McDowell, Montgomery, Moore*, Orange*, Person, Union, Wake)	Indian Physic	T		S2	G5
<i>Glyceria laxa</i> M: seeps (Alleghany, Ashe, Avery, Henderson, Macon, Transylvania)	Lax Mannagrass	SR-P		S1	G5
<i>Glyceria nubigena</i> M: high elevation seeps (Graham, Haywood, Jackson, Swain, Transylvania)	Smoky Mountain Mannagrass	SR-L	FSC	S2	G2
<i>Gratiola aurea</i> C: drawdown zones of blackwater rivers (Bladen, Brunswick, Columbus, Gates*, Pender, Sampson)	Golden Hedge-hyssop	SC-V		S1	G5
<i>Gratiola ramosa</i> CS: cypress savannas and clay-based Carolina bays (Hoke, Robeson*, Scotland)	Branched Hedge-hyssop	SR-P		S1	G4G5
<i>Gymnocarpium appalachianum</i> M: shaded and sheltered crevices on high elevation rocky summits (Ashe)	Appalachian Oak Fern	T	FSC	S1	G3
<i>Hackelia virginiana</i> MP: woods and thickets with circumneutral soil (Alexander, Alleghany, Ashe*, Avery*, Brunswick, Buncombe, Burke*, Caldwell, Clay*, Granville, Haywood*, Jackson*, Macon*, Madison, Martin, McDowell, Polk*, Rutherford, Surry*, Vance)	Virginia Stickseed	SR-P		S1S2	G5
<i>Helenium brevifolium</i> PMC: bogs, seeps, riverbanks, other wet sites (Alleghany, Brunswick*, Clay, Henderson*, Iredell, Lenoir*, Lincoln, Montgomery, Rowan*, Wake*)	Littleleaf Sneezeweed	E		S1	G4
<i>Helenium pinnatifidum</i> C: savannas and open, wet, mucky sites (Bladen, Brunswick, Columbus, New Hanover*, Pender, Robeson*)	Dissected Sneezeweed	SR-P		S2	G4

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<i>Helenium vernale</i> C: savannas and adjacent ditches (Brunswick, Columbus)	Spring Sneezeweed	E		S1	G4?
<i>Helianthus floridanus</i> C: savannas and pocosins (Bladen, Brunswick, Columbus, Robeson)	Florida Sunflower	T		S1	G3G4
<i>Helianthus laevigatus</i> PM: shaly open woods and roadsides (Anson, Burke, Cleveland*, Davidson, McDowell, Montgomery, Rowan, Rutherford, Stanly, Union)	Smooth Sunflower	SC-V		S3	G4
<i>Helianthus occidentalis ssp. occidentalis</i>	Naked-stem Sunflower	SC-H		SX	G5T5
<i>Helianthus schweinitzii</i> P: open woods and roadsides (Anson, Cabarrus, Davidson, Gaston, Mecklenburg, Montgomery, Randolph, Richmond, Rowan, Stanly, Stokes, Surry, Union)	Schweinitz's Sunflower	E	E	S3	G3
<i>Heliotropium curassavicum var. curassavicum</i> T: salt flats and salt marshes (Hyde*)	Seaside Heliotrope	SR-P		SH	G5T5
<i>Helonias bullata</i> M: bogs (Ashe, Henderson, Jackson, Transylvania)	Swamp Pink	T	T	S2	G3
<i>Heteranthera multiflora</i> C: open pools in brownwater or blackwater river floodplains (Bertie*, Martin, Pasquotank, Perquimans, Wake, Washington)	Multiflowered Mud-plantain	SR-P		S1	G4
<i>Heuchera hispida</i> P: rich, rocky woods (Alleghany, Ashe)	Hispid Alumroot	SR-P		S1	G5T3?
<i>Heuchera pubescens</i> MP: rock outcrops (Haywood*, Madison, Stokes*, Surry*)	Downy Alumroot	SR-P		S1	G4?
<i>Hexalectris spicata</i> 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*)	Crested Coralroot	SR-P		S2	G5
<i>Hexastylis contracta</i> M: acidic forests under rhododendron (Buncombe, Caldwell, Henderson)	Mountain Heartleaf	E	FSC	S1	G3
<i>Hexastylis naniflora</i> P: rich deciduous forests, bluffs, and ravines (Alexander, Burke, Caldwell, Catawba, Cleveland, Iredell, Lincoln, Polk, Rutherford)	Dwarf-flowered Heartleaf	T	T	S3	G3
<i>Hexastylis rhombiformis</i> MP: cove forests (Buncombe, Henderson, Polk, Transylvania)	French Broad Heartleaf	SR-L	FSC	S3	G3
<i>Hibiscus aculeatus</i> C: bay forests, sand ridges, and roadsides (Carteret, New Hanover, Robeson)	Comfortroot	T		S1	G4G5

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<i>Hottonia inflata</i> CPT: pools in blackwater or brownwater swamps, interdune ponds (Bertie, Dare, Edgecombe*, Gates, Halifax, Johnston, Lenoir, Martin, Tyrrell)	Featherfoil	SR-O		S1?	G4
<i>Houstonia montana</i> M: high elevation rocky summits, grassy balds (Ashe, Avery, Mitchell, Watauga, Yancey)	Roan Mountain Bluet	E	E	S2	G2
<i>Hudsonia montana</i> M: gorge rim outcrops, rocky summits, pine-oak/heath ridges (Burke, McDowell)	Mountain Golden-heather	T	T	S1	G1
<i>Hudsonia tomentosa</i> T: openings in maritime forest, blowouts, and dunes (Currituck, Dare)	Sand Heather	T		S2	G5
<i>Huperzia porophila</i> M: in spray zone of waterfalls (Henderson*, Jackson, Macon, Polk*, Rutherford, Transylvania)	Rock Fir-clubmoss	SR-P		S2	G4
<i>Hydrastis canadensis</i> MP: cove forests, other rich deciduous forests (Alleghany, Buncombe, Graham, Jackson, Macon, Madison, Polk, Rockingham, Stokes, Swain, Watauga*)	Goldenseal	SR-O		S3	G4
<i>Hymenocallis occidentalis</i> M: wooded hillsides (McDowell*)	Hillside Spider-lily	SC-H		SH	G4?
<i>Hymenocallis pygmaea</i> C: banks of blackwater rivers (Brunswick, Columbus)	Waccamaw River Spiderlily	T	FSC	S1	G1G2Q
<i>Hymenophyllum tayloriae</i> M: moist grottoes and spray cliffs in escarpment gorges with high rainfall (Jackson, Macon, Transylvania)	Gorge Filmy Fern	SR-O	FSC	S1S2	G2
<i>Hypericum adpressum</i> C: streamside seepage areas, depression ponds and other isolated wetlands (Halifax*, Northampton*)	Bog St. John's-wort	SC-H	FSC	SH	G3
<i>Hypericum brachyphyllum</i> C: wet pine savannas (Brunswick, Columbus, Onslow, Pender)	Coastal Plain St. John's-wort	SC-V		S1S2	G5
<i>Hypericum fasciculatum</i> CS: beaver ponds, low pinelands, pools (Cumberland*, Hoke, Moore, New Hanover*, Robeson)	Peelbark St. John's-wort	E		S1	G5
<i>Hypericum radfordiorum</i> P: thin soils around rock outcrops in the Brushy Mountains	Radford's St. John's-wort	SR-L	FSC	S2	G2
<i>Hypericum suffruticosum</i> C: pine savannas (Bladen*, Sampson*)	Pineland St. John's-wort	SC-H		SH	G4G5
<i>Hypoxis juncea</i> C: savannas (Bladen, Pender)	Fringed Yellow Stargrass	SR-P		S1	G4?

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<i>Hypoxis rigida</i> CS: savannas and seepage slopes associated with streamheads (Brunswick, Cumberland+, Hoke+, Moore*)	Stiff-leaved Yellow Stargrass	SR-P		S2	G4
<i>Hypoxis sessilis</i> CS: savannas, pinelands (Pender*)	Sessile Yellow Stargrass	SR-P		SH	G4
<i>Ilex collina</i> M: bogs, wet streamsides, or high elevation forests (Ashe, Haywood, Swain, Watauga)	Long-stalked Holly	SC-V		S1	G3
<i>Ilex longipes</i> P: upland forests and woodlands (Anson*, Iredell, Mecklenburg, Nash, Rutherford, Union, Wilson)	Georgia Holly	SR-P		S1	G5
<i>Ipomoea imperati</i> T: sea beaches and foredunes (Brunswick, Carteret)	Beach Morning-glory	T		S1	G5
<i>Iris prismatica</i> CM: bogs, marshes, and wet powerline clearings (Anson, Beaufort, Camden*, Dare, Gates*, Harnett, Johnston, Montgomery, New Hanover, Pamlico, Pasquotank*, Perquimans*, Tyrrell*)	Slender Blue Iris	SR-T		S1S2	G4G5
<i>Isoetes microvela</i> C: emergent riverbanks, calcareous influenced riverbanks (Brunswick, Jones, Onslow, Pender, Sampson)	Thin-wall Quillwort	T	FSC	S1	G1
<i>Isoetes piedmontana</i> P: granite flatrocks and diabase glades (Anson, Franklin, Granville, Rowan*, Rutherford, Wake)	Piedmont Quillwort	E		S2	G3
<i>Isoetes virginica</i> P: upland depression swamp forests, clayey soils (Cabarrus*, Caswell, Chatham*, Person, Rowan*, Stanly*, Union*)	Virginia Quillwort	SR-L	FSC	S1	G1
<i>Isolepis carinata</i> PC: wet places, granitic flatrocks (Anson, Tyrrell, Union)	Keeled Beakrush	SR-P		S1	G5
<i>Isotria medeoloides</i> MP: forests, especially with white pine (Burke, Cherokee, Guilford, Haywood, Henderson*, Jackson, Macon, McDowell, Rutherford, Surry*, Transylvania)	Small Whorled Pogonia	T	T	S1S2	G2
<i>Iva microcephala</i> C: clay-based Carolina bays (Robeson, Scotland)	Small-headed Marsh Elder	T		S2	G5
<i>Jeffersonia diphylla</i> M: rich cove forests, especially over calcareous rocks (Jackson, Madison)	Twinleaf	T		S1	G5
<i>Juncus articulatus</i> C: marshes	Jointleaf Rush	SR-D		SH	G5
<i>Juncus caesariensis</i> M: seepage bog (Clay, Henderson)	New Jersey Rush	E	FSC	S1	G2

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<i>Juncus dudleyi</i> M: calcareous seepages and riverscours	Dudley's Rush	SR-P		S1	G5
<i>Juncus militaris</i> C: exposed peaty-sandy shorelines of lakes (Washington)	Bayonet Rush	SR-D		S1	G4
<i>Juncus trifidus</i> M: high elevation rocky summits (Ashe, Buncombe, Mitchell)	Highland Rush	SR-D		S1	G5
<i>Juniperus communis</i> var. <i>depressa</i> MP: high elevation granitic domes, low elevation rocky summits (Buncombe*, Cleveland, Gaston, Macon, Rutherford)	Dwarf Juniper	SC-V		S1	G5T5
<i>Kalmia angustifolia</i> C: sandy, xeric to mesic hillsides (Gates)	Sheep-laurel	T		S1	G5
<i>Lachnocaulon minus</i> CS: depression ponds and ditches (Brunswick, New Hanover, Onslow, Pender)	Brown Bogbutton	T		S2	G3G4
<i>Lathyrus pusillus</i> PC: wet, disturbed sites (McDowell*)	Tiny Peavine	SR-D		SX?	G5?
<i>Lechea maritima</i> var. <i>virginica</i> T: barren dunefields with Hudsonia tomentosa (Dare)	Maritime Pinweed	E		S1	G5T3Q
<i>Lechea torreyi</i> CS: sandhills, savannas (Brunswick, Moore*, Pender)	Torrey's Pinweed	E		S1	G4
<i>Leersia lenticularis</i> C: low woods (Bladen, Craven, Halifax, Johnston, Martin, Pender)	Catchfly Cutgrass	SR-P		S2?	G5
<i>Leptochloa fascicularis</i> var. <i>maritima</i> CT: fresh to brackish tidal marshes (Brunswick, Currituck, Dare*, Hyde, Tyrrell)	Long-awned Spangletop	E		S1	G5T3T4Q
<i>Liatris aspera</i> M: glades, open woods, fens (Ashe, Burke*, Cleveland, Henderson*, Jackson*, Macon+, McDowell, Polk*, Rutherford, Stanly, Transylvania*)	Rough Blazing-star	T		S1	G4G5
<i>Liatris helleri</i> M: high elevation rocky summits, cliffs (Ashe, Avery, Burke, Caldwell, Mitchell*, Watauga)	Heller's Blazing-star	T	T	S2	G2
<i>Liatris microcephala</i> M: rock outcrops, glades, dry woodlands (Macon*, Polk*, Rutherford)	Small-head Blazing-star	SC-V		S1	G3G4
<i>Liatris squarrulosa</i> PSM: diabase glades, open woods especially over mafic rocks; also loamy-sand soils in longleaf pine-oak sandhills (Anson, Cherokee+, Cumberland, Durham, Graham, Granville, Harnett, Hoke, Orange*, Person, Richmond, Robeson, Rutherford, Scotland, Stokes, Swain*, Wake)	Earle's Blazing-star	SR-P		S2	G4G5
<i>Liatris turgida</i> M: dry rocky woods (Buncombe*, Burke, Cleveland, Macon, Polk*, Rutherford)	Shale-barren Blazing-star	SR-T		S1S2	G3

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<i>Lilaeopsis carolinensis</i> TC: freshwater marshes, pools, tidal marshes (Brunswick, Camden, Currituck, Dare, Hyde, New Hanover, Pasquotank, Perquimans, Washington)	Carolina Grasswort	SR-O		S2	G3G5
<i>Lilium canadense</i> var. <i>editorum</i> MP: bogs, wet meadows (Alleghany, Avery*, Cabarrus, Graham, Henderson, Randolph, Rutherford*, Stanly*)	Red Canada Lily	E		S1	G5T4
<i>Lilium canadense</i> var. <i>canadense</i> MP: bogs, wet meadows (Cabarrus, Watauga)	Yellow Canada Lily	E		S1	G5T4?
<i>Lilium grayi</i> M: bogs, wet meadows, seeps, grassy balds, high elevation forests (Alleghany, Ashe, Avery, Buncombe, Caldwell, Haywood, Henderson*, McDowell, Mitchell, Watauga, Yancey)	Gray's Lily	T	FSC	S3	G3
<i>Lilium philadelphicum</i> var. <i>philadelphicum</i> M: grassy balds, glades (Ashe, Avery, Haywood, Mitchell, Polk, Swain, Watauga, Yancey)	Wood Lily	E		S2	G5T4T5
<i>Lilium pyrophilum</i> CS: streamhead pocosin ecotones and openings (Cumberland, Harnett, Hoke, Lee, Moore, Nash*, Northampton*, Richmond, Scotland)	Sandhills Lily	E	FSC	S2	G2
<i>Limosella australis</i> T: tidal marshes (Currituck, Dare)	Awl-leaf Mudwort	T		S1	G4G5
<i>Lindera melissifolia</i> C: Carolina bays and seasonally wet depressions (Bladen*, Cumberland, Onslow, Orange*, Sampson)	Pondberry	E	E	S1	G2G3
<i>Lindera subcoriacea</i> SP: streamhead pocosins, white cedar swamps, seepage slopes (Anson*, Chatham, Cumberland, Hoke, Johnston, Lee, Montgomery, Moore, Richmond, Robeson, Scotland, Wake)	Bog Spicebush	SR-T	FSC	S2S3	G2G3
<i>Linum floridanum</i> var. <i>chrysocarpum</i> C: pine savannas (Brunswick, Columbus, Onslow, Pender)	Yellow-fruited Flax	T		S1S2	G5?T3?
<i>Linum sulcatum</i> P: diabase barrens (Durham, Granville)	Glade Flax	SC-H		SH	G5
<i>Liparis loeselii</i> MT: seeps, bay swamps (Alleghany, Ashe, Avery*, Dare, Jackson*, Rutherford*, Swain, Watauga*)	Fen Orchid	E		S1	G5
<i>Lipocarpa micrantha</i> CT: drawdown zones of blackwater rivers, salt marshes (Columbus*, Dare*)	Small-flowered Hemicarpha	SC-H		SH	G5
<i>Lithospermum canescens</i> P: diabase glades, open woods over diabase (Durham, Granville)	Hoary Puccoon	T		S2	G5

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<i>Litsea aestivalis</i> C: limesink ponds, other pools (Bladen, Brunswick, Carteret, Craven, Cumberland, Gates, Hoke, New Hanover, Onslow, Sampson, Wayne)	Pondspice	SC-V	FSC	S2S3	G3
<i>Lobelia boykinii</i> C: depression ponds and meadows and clay-based cypress savannas (Bladen*, Cumberland, Hoke, Onslow, Robeson, Scotland)	Boykin's Lobelia	E	FSC	S2	G2G3
<i>Lonicera canadensis</i> M: bogs, moist woods (Alleghany, Buncombe, Haywood, Jackson, Macon, Mitchell*, Transylvania, Watauga, Yancey)	American Fly-honeysuckle	SR-P		S2	G5
<i>Lophiola aurea</i> C: very wet, mucky habitats in pine savannas (Brunswick, Columbus, New Hanover, Onslow)	Golden-crest	E		S2	G4
<i>Ludwigia alata</i> TC: interdune ponds, marshes (Brunswick*, Camden, Carteret, Craven, Currituck, Dare, Hyde, New Hanover*, Onslow*, Pasquotank, Tyrrell*)	Winged Seedbox	SR-P		S2	G3G5
<i>Ludwigia brevipes</i> 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*)	Long Beach Seedbox	SR-T		S1S2	G2G3
<i>Ludwigia lanceolata</i> TC: interdune ponds, open wet areas (Brunswick*, Carteret, Dare*, New Hanover)	Lanceleaf Seedbox	E		S1	G3
<i>Ludwigia linifolia</i> CT: limesink ponds (Brunswick, Carteret, Columbus, New Hanover, Onslow)	Flaxleaf Seedbox	T		S2	G4
<i>Ludwigia ravenii</i> C: savannas, swamps, marshes, wet open places (Brunswick*, Carteret, Chowan*, Columbus, Craven, Duplin*, Gates*, New Hanover*, Pamlico*, Perquimans*, Sampson)	Raven's Seedbox	T	FSC	S1	G1G2
<i>Ludwigia sphaerocarpa</i> CS: bogs, pools, and lake shores (Bladen*, Columbus, Craven, Dare*, Hoke*, Johnston*, Moore, New Hanover, Richmond, Washington, Wayne*)	Globe-fruit Seedbox	E		S1	G5
<i>Ludwigia suffruticosa</i> CS: limesink ponds, clay-based Carolina bays (Bladen*, Brunswick, New Hanover, Onslow, Robeson, Scotland)	Shrubby Seedbox	T		S2	G5
<i>Lupinus villosus</i> C: sandhills and other dry sandy woods (Bladen, Brunswick*, Pender)	Lady Lupine	SR-P		S2	G5
<i>Luziola fluitans</i> C: pools, lakes, streams (Bladen, Columbus, Dare, Moore, Pender, Richmond, Scotland, Tyrrell, Washington)	Southern Water Grass	SR-P		S2	G4G5
<i>Lycopodiella inundata</i> M: bogs and seeps (Avery, Haywood, Watauga)	Bog Clubmoss	SR-P		S1	G5

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<i>Lycopus angustifolius</i> C: bogs and marshes (Bladen, Columbus, Richmond)	Southern Bog Water-horehound	SR-P		S1	G4?Q
<i>Lysimachia asperulifolia</i> CS: pocosin/savanna ecotones, pocosins (Beaufort, Bladen, Brunswick, Carteret, Columbus, Craven, Cumberland, Harnett, Hoke, Montgomery*, Moore*, New Hanover, Onslow, Pamlico, Pender, Richmond, Scotland)	Rough-leaf Loosestrife	E	E	S3	G3
<i>Lysimachia fraseri</i> M: wet forest borders, roadsides, alluvial meadows (Buncombe*, Haywood*, Henderson*, Jackson, Macon, Polk, Swain, Transylvania)	Fraser's Loosestrife	E	FSC	S3	G3
<i>Lysimachia hybrida</i> MPC: bottomlands (Pender)	Lowland Loosestrife	SR-P		S2?	G5
<i>Lysimachia tonsa</i> P: upland forests and openings (Alexander, Burke, Caswell, Madison, Orange*, Rockingham, Rutherford, Stokes, Surry, Vance)	Southern Loosestrife	SR-P		S2	G4
<i>Lythrum lanceolatum</i> C: marshes and low, wet places	Southern Winged-loosestrife	SR-T		S1	G5
<i>Macbridea caroliniana</i> C: blackwater swamps, savanna/pocosin ecotones, ditches (Bladen, Brunswick, Columbus, Harnett, Johnston, Jones*, Pender, Robeson, Sampson)	Carolina Bogmint	E	FSC	S2	G2G3
<i>Magnolia macrophylla</i> P: rich deciduous forests (Gaston, Henderson, Iredell, Wake)	Bigleaf Magnolia	T		S2	G5
<i>Malaxis bayardii</i> MP: upland forests (Caldwell*, McDowell, Watauga*)	Appalachian Adder's-mouth	SR-T		S1	G1G2
<i>Malaxis spicata</i> CT: maritime swamp forests, calcareous but mucky outer coastal plain swamps (Brunswick, Carteret, Chowan, Craven, Dare, Jones, Pender*)	Florida Adder's-mouth	SC-V		S1	G4?
<i>Marshallia grandiflora</i> MP: bogs, dry basic soils (Henderson*, Polk*)	Large-flowered Barbara's-buttons	SC-H	FSC	SH	G2
<i>Marshallia legrandii</i> P: clayey upland soils over diabase (Granville)	Butner Barbara's-buttons	SR-L	FSC	S1	G1
<i>Marshallia trinervia</i> M: moist rocky streambanks and in calcareous clays (Macon*)	Broadleaf Barbara's-buttons	SC-H		SH	G3
<i>Matelea decipiens</i> PC: thin woodlands over mafic or calcareous rocks (Alamance, Alexander, Anson, Burke, Davidson*, Durham, Franklin, Granville, Hertford*, Mecklenburg, Orange, Richmond, Rutherford, Stanly, Wake)	Glade Milkvine	SR-P		S3	G5
<i>Matelea obliqua</i> M: dry, rocky woodlands over calcareous rocks	Climbing Milkvine	SR-P		SH	G4?

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<i>Meehanian cordata</i> M: cove forests, boulderfields (Alleghany, Ashe, Avery*, Haywood, Madison, Watauga, Yancey)	Meehanian	SR-P		S2	G5
<i>Melica nitens</i> M: open calcareous woods (Madison)	Three-flowered Melic	E		S1	G5
<i>Menyanthes trifoliata</i> M: bogs (Alleghany*, Watauga)	Buckbean	T		S1	G5
<i>Micranthes caroliniana</i> MP: high to middle elevation moist cliffs and rock outcrops (Alleghany, Ashe, Avery, Buncombe, Burke, Cleveland, Graham, Haywood, Macon, Madison, Mitchell, Rutherford, Swain*, Watauga, Yancey)	Carolina Saxifrage	SR-T	FSC	S3	G3
<i>Micranthes pensylvanica</i> MP: bogs, seeps (Wake, Watauga)	Swamp Saxifrage	E		S1	G5
<i>Micropolypodium nimbatum</i> (=Grammitis nimbata) M: spray zone behind waterfalls (Macon)	West Indian Dwarf Polypody	T	FSC	S1	G4?
<i>Milium effusum</i> M: high elevation forests or openings (Swain)	Millet-grass	SR-P		S1	G5
<i>Minuartia godfreyi</i> C: tidal freshwater marshes (Craven, Jones*)	Godfrey's Sandwort	E	FSC	S1	G1
<i>Minuartia groenlandica</i> MP: high elevation and low elevation rocky summits (Alleghany, Ashe, Avery, Burke, Caldwell, Henderson, McDowell, Mitchell, Stokes*, Surry)	Greenland Sandwort	T		S2	G5
<i>Minuartia uniflora</i> P: granite flatrocks (Anson, Rowan*, Rutherford)	Single-flowered Sandwort	E		S1	G4
<i>Monarda media</i> M: grassy balds (Avery, Jackson)	Purple Bee-balm	SR-P		S1?	G4?
<i>Monotropsis odorata</i> PM: dry forests and bluffs (Alamance, Alleghany, Buncombe, Burke, Caldwell, Catawba, Chatham, Cherokee+, Clay, Cleveland, Durham, Henderson, Jackson, Macon, McDowell, Orange, Person*, Polk*, Rutherford, Stokes, Swain*, Transylvania, Wake*)	Sweet Pinesap	SC-V	FSC	S3	G3
<i>Muhlenbergia glabriflora</i> P: clay soils	Clay-pan Muhly	SR-P		SH	G4?
<i>Muhlenbergia glomerata</i> M: olivine barrens, fens, mafic cliffs (Ashe, Avery, Clay)	Spiked Muhly	SC-V		S1	G5
<i>Muhlenbergia sobolifera</i> M: dripping cliffs and rocky slopes (McDowell*, Mitchell*, Transylvania*)	Rock Muhly	SC-V		SH	G5

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<i>Muhlenbergia torreyana</i> CS: cypress savannas (Brunswick, Cumberland, Hoke, Onslow, Pender, Richmond, Robeson)	Pinebarren Smokegrass	SC-V		S2	G3
<i>Myrica gale</i> M: bogs (Henderson)	Sweet Gale	E		S1	G5
<i>Myriophyllum laxum</i> CS: limesink ponds, waters of natural lakes (Brunswick, Carteret, Craven*, Cumberland, Hoke, Onslow)	Loose Water-milfoil	E	FSC	S2	G3
<i>Myriophyllum pinatum</i> CS: pools and ditches (Brunswick, Currituck*)	Cutleaf Water-milfoil	SR-T		S1	G5
<i>Myriophyllum tenellum</i> C: waters of natural lakes (Bladen, Washington)	Leafless Water-milfoil	E		S1	G5
<i>Narthecium montanum</i> M: bogs (Henderson*)	Appalachian Yellow Asphodel	SC-H		SX	GX
<i>Oenothera perennis</i> MPC: wet meadows and bogs (Avery*, Burke, Cabarrus, Clay, Hertford*, Iredell*, Jackson, Macon, McDowell, Transylvania, Tyrrell, Watauga)	Perennial Sundrops	SC-V		S2	G5
<i>Oenothera riparia</i> C: tidal marshes (Brunswick, New Hanover, Pender)	Riverbank Evening-primrose	SR-L		S2S3	G2G3
<i>Oldenlandia boscii</i> C: clay-based Carolina bays (Brunswick, Columbus, Cumberland, Hoke, Scotland*)	Bosc's Bluet	E		S2	G5
<i>Oplismenus hirtellus ssp. setarius</i> TC: maritime forests, bottomlands (Bladen, Brunswick, Carteret, Dare, Onslow, Pender)	Shortleaf Basket Grass	SR-P		S1	G5
<i>Orbexilum macrophyllum</i> M: low mountain forests or outcrops? (Polk*)	Bigleaf Scurfpea	SC-H	FSC	SX	GX
<i>Orbexilum onobrychis</i> M: habitat in North Carolina not known (Haywood*)	Lanceleaf Scurfpea	SC-H		SH	G5
<i>Oxalis priceae</i> P: Rich woodlands	Sadie Price's Yellow Wood Sorrel	SR-D		SH	G3G5
<i>Oxypolis canbyi</i> C: clay-based Carolina bays (Scotland)	Canby's Dropwort	E	E	S1	G2
<i>Pachysandra procumbens</i> P: cove forests (Polk)	Allegheny Spurge	E		S1	G4G5
<i>Packera crawfordii</i> CM: bogs, fens, and wet savannas (Onslow, Pender, Watauga, Yancey)	Bog Ragwort	SR-T		S1	G2G3

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<i>Packera millefolium</i> M: granitic domes, other outcrops (Buncombe, Haywood, Henderson, Jackson, Macon, McDowell, Polk, Rutherford, Transylvania)	Divided-leaf Ragwort	T	FSC	S2	G2
<i>Packera paupercula</i> var. <i>appalachiana</i> M: mafic and calcareous glades, rock outcrops, and cliffs (Ashe, Clay, Madison)	Prairie Ragwort	T		S1	G5TNR
<i>Packera paupercula</i> var. <i>paupercula</i> PMC: fens, bogs, and diabase glades (Avery*, Burke, Caldwell*, McDowell, Nash*, Rutherford, Transylvania*, Watauga*)	Balsam Ragwort	SR-P		S1?	G5TNR
<i>Packera schweinitziana</i> (=Senecio schweinitzianus) M: grassy balds (Avery, Buncombe, Mitchell, Watauga, Yancey)	Schweinitz's Ragwort	T		S2	G5?
<i>Panicum dichotomiflorum</i> var. <i>puritanorum</i> C:Wet sands and peats of seasonally exposed pond and lake shores (Onslow, Pender)	Puritan Panic Grass	SR-P		S1	G5T4
<i>Panicum flexile</i> PM: glades and openings over mafic rocks (Ashe*, Durham, Granville, Henderson, Orange*)	Wiry Panic Grass	T		S1	G5
<i>Panicum lithophilum</i> MP: soil islands on granite flatrocks (Anson)	Flatrock Panic Grass	SR-T	FSC	S1	G2G3Q
<i>Parietaria praetermissa</i> TC: shell middens, disturbed sites, maritime forests (Brunswick*, Carteret, Hyde, New Hanover*, Onslow)	Large-seed Pellitory	SC-V		S1	G3G4
<i>Parnassia caroliniana</i> CS: wet savannas (Bladen, Brunswick, Columbus, Cumberland, Harnett, Hoke, Lee*, Onslow, Pender, Scotland)	Carolina Grass-of-parnassus	T	FSC	S2	G3
<i>Parnassia grandifolia</i> MCP: fens and seeps over calcareous or mafic rocks (Alleghany, Ashe, Avery*, Brunswick, Buncombe*, Clay, Columbus, Haywood, Macon, McDowell, Pender, Transylvania, Watauga)	Large-leaved Grass-of-parnassus	T	FSC	S2	G3
<i>Paronychia herniarioides</i> S: sandhills (Scotland)	Michaux's Whitlow-wort	E		S1	G2G4
<i>Parthenium auriculatum</i> PM: glades and openings over mafic rocks (Alexander, Burke, Caswell, Durham, Franklin, Granville, Guilford*, Macon*, Mecklenburg, Montgomery, Orange, Person, Rockingham*, Rutherford, Stanly, Warren*)	Glade Wild Quinine	SR-T		S2	G3G4
<i>Paspalum dissectum</i> CTP: mudflats, other open wet areas (Brunswick, Columbus, Craven, Moore, Pender, Scotland, Union)	Mudbank Crown Grass	E		S2	G4?

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<i>Paspalum fluitans</i> CP: drawdown riverbanks and seepage areas in swamp forests (Bertie*, Bladen*, Chatham*, Harnett, Martin*, Northampton*, Wake)	Horsetail Crown Grass	SR-P		S1	G5
<i>Paspalum vaginatum</i> CPT: brackish marshes, low wet places (Carteret, Dare, Hyde, Onslow)	Seashore Crown Grass	SR-P		S1S2	G5
<i>Pedicularis lanceolata</i> M: bottomlands, swampy woods (Buncombe*, Cherokee*, Clay, Haywood, Jackson*, Macon*, Watauga*)	Swamp Lousewort	T		S1	G5
<i>Pellaea wrightiana</i> P: rock outcrops, mafic or with nutrient-rich seepage (Alexander, Stanly)	Wright's Cliff-brake	E		S1	G5
<i>Peltandra sagittifolia</i> C: pocosins, other wet, peaty sites (Brunswick, Carteret, Columbus*, Craven*, Dare, Jones*, New Hanover, Onslow, Pender)	Spoonflower	SR-P		S2S3	G3G4
<i>Persicaria amphibia</i> MPC: marshes (Beaufort*)	Water Smartweed	SR-P		S1	G5
<i>Persicaria hirsuta</i> CS: limesink ponds, clay-based Carolina bays, drawdown zones of blackwater riverbanks (Brunswick, Carteret*, Onslow*, Richmond, Scotland)	Hairy Smartweed	E		S1	G3G4
<i>Phacelia covillei</i> PC: bottomlands, rich lower slopes (Alamance, Caswell, Chatham, Harnett, Lee, Moore, Orange, Vance)	Buttercup Phacelia	SR-T	FSC	S3	G3
<i>Phacelia maculata</i> P: granite flatrocks and creek bottomlands (Cleveland)	Spotted Phacelia	E		S1	G3G4
<i>Phanopyrum gymnocarpon</i> C: tidal and blackwater cypress-gum swamps (Bladen, Martin, Pender)	Swamp Panic Grass	SR-O		S1	G5
<i>Phegopteris connectilis</i> M: spray zone of waterfalls, spruce-fir forests, high elevation seepage bogs (Buncombe, Haywood, Jackson, Macon, Swain*, Transylvania)	Northern Beech Fern	E		S2	G5
<i>Phemeranthus piedmontanus</i> P: shallow soil over mafic rock, where periodically wet by seepage (Granville)	Piedmont Fameflower	SR-L		S1	G1
<i>Phlox subulata</i> M: outcrops and glades, especially over mafic rocks (Ashe, Buncombe, Jackson*, Madison, Yancey)	Moss Pink	SR-P		S1	G5
<i>Pinguicula lutea</i> C: savannas (Bladen, Brunswick, Columbus, New Hanover, Pender)	Yellow Butterwort	SR-P		S2	G4G5
<i>Pinguicula pumila</i> C: savannas (Carteret, Onslow, Pender)	Small Butterwort	E		S2	G4

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<i>Pityopsis graminifolia</i> var. <i>graminifolia</i> C: savannas, pine flatwoods, sandy roadsides (Brunswick, Columbus)	A Silkgrass	E		S1	G5T4
<i>Plantago cordata</i> P: beds of small, slate-bottomed, perennial streams (Davidson)	Heart-leaf Plantain	E		S1	G4
<i>Plantago sparsiflora</i> C: wet savannas (Bladen*, Brunswick, Columbus, Onslow, Pender)	Pineland Plantain	T	FSC	S1S2	G3
<i>Platanthera flava</i> var. <i>herbiola</i> M: bogs and moist forests (Buncombe*, Burke, Clay*, Forsyth*, Graham*, Haywood, Jackson*, Macon, Mitchell, Swain*, Transylvania, Watauga)	Northern Green Orchid	SR-P		S1?	G4T4Q
<i>Platanthera grandiflora</i> M: bogs, seeps, grassy balds, high elevation moist forests and banks (Alleghany, Ashe, Avery, Buncombe, Clay, Haywood*, Macon, McDowell, Swain, Transylvania*, Watauga, Yancey)	Large Purple-fringed Orchid	T		S2	G5
<i>Platanthera integra</i> CMP: savannas (Brunswick, Carteret, Cherokee*, Columbus, Craven, Forsyth*, Henderson*, Onslow, Pamlico*, Pender, Robeson*, Rowan*)	Yellow Fringeless Orchid	SC-V		S2	G3G4
<i>Platanthera integrilabia</i> M: bogs (Cherokee*, Henderson*)	White Fringeless Orchid	SC-H	C	SH	G2G3
<i>Platanthera nivea</i> C: wet savannas (Beaufort*, Bladen*, Brunswick, Columbus*, Craven, Dare*, Hoke*, New Hanover, Pender, Robeson*)	Snowy Orchid	T		S1	G5
<i>Platanthera peramoena</i> MP: bogs, forests (Buncombe+, Burke*, Caldwell*, Clay*, Durham, Forsyth, Graham+, Guilford, Haywood*, Henderson+, Jackson*, Macon, Mitchell*, Orange, Swain*, Transylvania, Warren, Watauga, Yancey*)	Purple Fringeless Orchid	T		S2	G5
<i>Platanthera shriveri</i> M: damp, open woods, often along seeps (Watauga*)	Shriver's Purple Fringed Orchid	SR-T	FSC	SH	G1
<i>Poa paludigena</i> M: bogs (Ashe, Avery, Watauga)	Bog Bluegrass	SR-T	FSC	S1	G3
<i>Poa palustris</i> M: spruce-fir forests, grassy balds (Avery, Haywood*, Henderson*, Macon, Mitchell, Polk*, Swain*, Yancey*)	Swamp Bluegrass	SR-P		S1	G5
<i>Poa saltuensis</i> M: olivine barrens (Clay, Haywood)	A Bluegrass	T		S1	G5
<i>Polemonium reptans</i> var. <i>reptans</i> PM: moist, nutrient-rich forests such as bottomlands and rich slopes (Ashe, Rockingham, Stokes*, Watauga*)	Jacob's Ladder	T		S1	G5T5

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<i>Polygala grandiflora</i> SC: sandhills (Hoke, Richmond, Robeson, Scotland)	Showy Milkwort	SR-P		S2	G5?
<i>Polygala hookeri</i> C: savannas (Brunswick, Carteret, Columbus*, Craven, New Hanover, Onslow, Pender)	Hooker's Milkwort	SC-V		S2S3	G3
<i>Polygala nana</i> M: habitat in North Carolina not known	Dwarf Milkwort	SR-D		SH	G5
<i>Polygala senega</i> MP: woodlands and in thin soil around outcrops, usually over mafic or calcareous rocks (Ashe, Stanly, Transylvania, Wake)	Seneca Snakeroot	SR-D		S2	G4G5
<i>Polygonella articulata</i> C: sandhills (Gates)	Coast Jointweed	SC-H		SX	G5
<i>Polygonum glaucum</i> T: ocean and sound beaches (Beaufort*, Brunswick, Carteret, Dare, Hyde, New Hanover*)	Seabeach Knotweed	E		S1	G3
<i>Ponthieva racemosa</i> C: blackwater forests and swamps, especially over marl (Beaufort*, Brunswick, Carteret, Craven, Jones, Onslow, Pender)	Shadow-witch	T		S2	G4G5
<i>Portulaca smallii</i> P: granite flatrocks and diabase glades (Cabarrus, Forsyth, Franklin, Granville, Rowan, Wake)	Small's Portulaca	T		S2	G3
<i>Potamogeton amplifolius</i> C: submersed in blackwater streams (Brunswick, Craven*)	Largeleaf Pondweed	SR-D		S1	G5
<i>Potamogeton confervoides</i> SC: beaverponds and old millponds on blackwater creeks (Cumberland, Gates+, Harnett, Hoke, Moore, Richmond, Scotland)	Conferva Pondweed	SR-D		S2	G4
<i>Potamogeton illinoensis</i> C: alkaline waters of streams, rivers, lakes, and ponds (Brunswick*, Dare)	Illinois Pondweed	SR-D		S1	G5
<i>Potamogeton natans</i> M: lakes and artificial impoundments (Buncombe*)	Floating Pondweed	SR-D		SH	G5
<i>Potamogeton nodosus</i> CMP: ponds and streams with moderate to high PH (Carteret*, Haywood*, Perquimans*, Vance*)	American Pondweed	SR-D		SH	G5
<i>Potamogeton tennesseensis</i> M: lakes or ponds	Tennessee Pondweed	SR-T		S1	G2
<i>Prenanthes alba</i> M: hardwood forests (Haywood*, Henderson*, McDowell, Mitchell*, Rutherford, Transylvania*)	White Rattlesnakeroot	T		S2?	G5

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<i>Primula meadia</i> 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*)	Shooting-star	T		S2S3	G5
<i>Prunus alleghaniensis</i> var. <i>alleghaniensis</i> M: Dry rocky woodlands (McDowell)	Allegheny Plum	SR-T		S1	G4T4
<i>Prunus susquehanae</i> MP: rocky forests (Durham*)	Susquehanna Cherry	SR-P		SH	G5T4
<i>Pseudognaphalium helleri</i> PS: dry woodlands, openings, and glades, especially over mafic rocks (Anson*, Cabarrus, Davidson, Forsyth*, Franklin*, Granville, Guilford*, Halifax*, Hoke, Mecklenburg, Montgomery, Northampton*, Orange*, Person*, Rowan*, Scotland*, Union, Wake)	Heller's Rabbit-Tobacco	SR-P		S3	G3G4
<i>Pseudognaphalium micradenium</i> P: dry woodlands (Caswell, Granville*, Person, Stokes*, Vance)	Small Rabbit-Tobacco	SR-T		S1	G3?
<i>Pteroglossaspis ecristata</i> C: pinelands (Bladen*, Cumberland*, Hoke, New Hanover, Robeson*)	Spiked Medusa	E	FSC	S1	G2G3
<i>Ptilimnium ahlesii</i> C: tidal freshwater marshes (Brunswick, New Hanover)	Carolina Bishop-weed	SR-L	FSC	S1	G1
<i>Ptilimnium costatum</i> CT: tidal swamps or marshes (Brunswick*, New Hanover)	Ribbed Bishop-weed	T		S1	G4
<i>Ptilimnium nodosum</i> (=Harperella nodosa) P: rocky riverbeds (Chatham, Granville, Lee)	Harperella	E	E	S1	G2
<i>Pycnanthemum curvipes</i> M: dry rocky woodlands and rock outcrops (Buncombe, Haywood, Madison)	Tennessee Mountain-mint	SR-T		S1	G3
<i>Pycnanthemum setosum</i> C: blackwater swamps (Brunswick, Columbus, Craven, Jones, Pender)	Awned Mountain-mint	SR-T		S2	G4
<i>Pycnanthemum torreyi</i> PM: dry upland forests and woodlands, over mafic rocks (Alexander*, Ashe*, Caswell, Cleveland*, Gaston*, Granville*, Haywood*, Jackson*, Macon*, Orange, Person*, Wilkes*)	Torrey's Mountain-mint	SR-T	FSC	S1	G2
<i>Pycnanthemum virginianum</i> CMP: forests, woodland borders, bogs (Alleghany, Brunswick, Caswell, Henderson, Wake)	Virginia Mountain-mint	SR-P		S1?	G5
<i>Pyrola elliptica</i> M: moist forests (Ashe)	Elliptic Shinleaf	E		S1	G5

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<i>Pyxidanthera brevifolia</i> (=Pyxidanthera barbulata var. brevifolia) S: sandhills (Brunswick*, Cumberland, Harnett, Hoke, Lee, Moore)	Sandhills Pyxie-moss	SR-L	FSC	S3	G4T3Q
<i>Quercus austrina</i> CP: bluff and bottomland forests over circumneutral soil (Anson, Craven, Johnston*, Jones, Montgomery, Richmond, Sampson)	Bluff Oak	SR-P		S1	G4?
<i>Quercus elliotii</i> CP: mesic pine flatwoods and dry, silty sites (Bladen, Brunswick, Columbus, Duplin*, New Hanover*, Pender*, Robeson)	Running Oak	SR-P		S2	G3G5
<i>Quercus georgiana</i> P: Dry slopes and bluffs (Rutherford)	Georgia Oak	SR-P		S1	G3
<i>Quercus ilicifolia</i> P: dry summits and rocky woods on Piedmont monadnocks (Alleghany, Burke, Gaston, Stokes, Surry)	Bear Oak	E		S2	G5
<i>Quercus minima</i> C: pine flatwoods, coastal fringe sandhills (Bladen, Carteret, New Hanover)	Dwarf Live Oak	SR-P		S1	G5
<i>Quercus prinoides</i> PM: dry, rocky slopes (Caldwell, Cleveland*, Gaston*, Guilford*, Iredell*, Jackson*, Polk*, Rowan, Rutherford, Stanly*)	Dwarf Chinquapin Oak	E		S1	G5
<i>Ranunculus ambigens</i> CP: open wet areas (Bertie*, Orange*, Perquimans*)	Water-plantain Spearwort	SC-H		SH	G4
<i>Ranunculus fascicularis</i> MP: serpentine and diabase barrens	Thick-root Buttercup	SR-P		S1	G5
<i>Ranunculus flabellaris</i> C: pools in blackwater swamps (Bertie, Edgecombe*, Gates*)	Yellow Water-crowfoot	SC-H		S1	G5
<i>Ranunculus hederaceus</i> C: marshes (Currituck*)	Ivy Buttercup	E		SH	G5
<i>Ranunculus micranthus</i> P: rich woods on circumneutral soil (Caswell, Durham*, Person*)	Rock Buttercup	SR-P		S1	G5
<i>Rhexia aristosa</i> C: clay-based Carolina bays and limesink ponds (Bladen, Brunswick*, Cumberland*, Hoke, Onslow, Robeson, Sampson, Scotland)	Awned Meadow-beauty	SC-V	FSC	S3	G3
<i>Rhodiola rosea</i> (=Sedum rosea) M: high elevation rocky summits (Ashe*, Avery*, Caldwell*, Mitchell*, Watauga*, Yancey*)	Roseroot	E		SH	G5
<i>Rhododendron cumberlandense</i> M: grassy or shrub balds (Graham*, Jackson, Macon, Swain, Transylvania)	Cumberland Azalea	SR-P		S1	G4?
<i>Rhododendron prinophyllum</i> M: high elevation forests (Ashe)	Election Pink	T		S1	G5

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<i>Rhododendron vaseyi</i> M: high elevation oak forests, heath balds, spruce-fir forests, and rocky areas (Avery, Buncombe, Caldwell, Haywood, Jackson, Macon, McDowell, Mitchell*, Transylvania, Watauga, Yancey)	Pink-shell Azalea	SR-L		S3	G3
<i>Rhus michauxii</i> SCP: sandhills, sandy forests, woodland, woodland edges (Cumberland, Davie, Durham, Franklin, Hoke, Johnston*, Lincoln*, Mecklenburg, Moore, Nash, Orange*, Richmond, Robeson, Scotland, Union*, Wake, Wilson*)	Michaux's Sumac	E	E	S2	G2G3
<i>Rhynchospora alba</i> MCS: fens, bogs, pocosin openings, limesink ponds (Alleghany, Ashe, Bladen, Brunswick, Craven, Cumberland*, Dare, Mitchell, Pender*, Rutherford, Tyrrell, Watauga)	Northern White Beaksedge	SR-P		S2	G5
<i>Rhynchospora crinipes</i> S: seepy banks of blackwater rivers (Hoke, Moore)	Alabama Beaksedge	T	FSC	S1	G2
<i>Rhynchospora decurrens</i> C: swamp forests (Brunswick, Columbus, Onslow)	Swamp Forest Beaksedge	T	FSC	S1S2	G3G4
<i>Rhynchospora divergens</i> C: wet savannas (Brunswick, Columbus, Onslow, Pender)	White-seeded Beaksedge	SR-P		S2	G4
<i>Rhynchospora galeana</i> C: savannas (Brunswick, Carteret, Columbus, Craven, Onslow, Pender)	Short-bristled Beaksedge	SR-P		S2S3	G3G4
<i>Rhynchospora harperi</i> C: limesink ponds and cypress savannas (Brunswick, Carteret, Onslow)	Harper's Beaksedge	SC-V		S2	G4?
<i>Rhynchospora macra</i> S: sandhill seeps, blackwater impoundments, streamhead pocosins (Carteret, Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	Southern White Beaksedge	T		S2	G3
<i>Rhynchospora microcarpa</i> CTP: maritime wet grasslands, clay-based Carolina bays, limesink ponds, swamp forests (Brunswick, Carteret, Columbus, Dare)	Southern Beaksedge	SR-P		S2	G5
<i>Rhynchospora odorata</i> T: maritime wet grasslands (Brunswick*, Carteret, Dare, Hyde, Pender*)	Fragrant Beaksedge	SC-V		S1	G4
<i>Rhynchospora pinetorum</i> C: wet savannas, maritime wet grasslands (Brunswick, Carteret, Columbus, Onslow, Pender)	Small's Beaksedge	SR-T		S2	G5?T3?
<i>Rhynchospora pleiantha</i> C: limesink ponds (Brunswick, Carteret, New Hanover, Onslow)	Coastal Beaksedge	T	FSC	S2	G3
<i>Rhynchospora thornei</i> C: wet savannas (Brunswick, Onslow, Pender)	Thorne's Beaksedge	SC-V	FSC	S2	G3
<i>Rhynchospora tracyi</i> C: clay-based Carolina bays, limesink ponds (Brunswick, New Hanover, Onslow, Scotland)	Tracy's Beaksedge	T		S2	G4

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<i>Robinia hartwigii</i> M: high elevation granitic domes (Jackson, Macon, Mitchell*)	Hartweg's Locust	SR-L		S2	G2
<i>Robinia hispida</i> var. <i>fertilis</i> M: acidic cove forests, northern hardwoods forests, high elevation granitic domes (Alleghany, Avery, Burke*, Graham*, Jackson, McDowell*, Swain, Wilkes)	Fruitful Locust	SR-O		S1	G4T1Q
<i>Robinia hispida</i> var. <i>kelseyi</i> M: high elevation red oak forests, dry rocky woods (Buncombe*, Burke*, Haywood, Henderson, Madison, Transylvania*)	Kelsey's Locust	SR-O		S1	G4T1
<i>Robinia viscosa</i> MP: open woods (Catawba*, Jackson*, Rutherford, Transylvania)	Clammy Locust	SR-T		S3	G3
<i>Rubus dalibarda</i> M: bogs and moist woods under rhododendrons (Alleghany, Ashe, Transylvania)	Robin Runaway	E		S2	G5
<i>Rubus idaeus</i> ssp. <i>strigosus</i> M: high elevation spruce-fir forests and openings (Buncombe, Haywood, Jackson, Swain*, Yancey)	Red Raspberry	T		S2?	G5T5
<i>Rudbeckia heliopsidis</i> C: moist pine flatwoods and woodland borders (Harnett, Moore)	Sun-facing Coneflower	E	FSC	S1	G2
<i>Rudbeckia triloba</i> var. <i>pinnatiloba</i> M: mafic cliffs (Buncombe, Graham+)	Pinnate-lobed Black-eyed Susan	SR-T		S1	G5T3
<i>Ruellia ciliosa</i> S: sandhills, especially in loamy, submesic swales (Cumberland, Hoke, Richmond, Scotland)	Sandhills Wild-petunia	T		S2	G3
<i>Ruellia humilis</i> P: diabase glades (Durham, Granville, Wake)	Low Wild-petunia	E		S1	G5
<i>Ruellia purshiana</i> PM: glades and woodlands, mostly over mafic or calcareous rocks (Alamance, Caswell, Davidson, Durham, Forsyth*, Granville, Madison, Montgomery, Orange, Randolph*, Rutherford*, Stanly, Wake*)	Pursh's Wild-petunia	SC-V		S2	G3
<i>Ruellia strepens</i> C: low woods over marl (Bertie, Pender, Richmond)	Limestone Wild-petunia	E		S1	G4G5
<i>Rugelia nudicaulis</i> (=Cacalia rugelia) M: spruce-fir forests (Haywood, Swain)	Rugel's Ragwort	SR-L	FSC	S3	G3
<i>Sabal palmetto</i> TC: maritime forests on the southeastern coast (Brunswick, Carteret*)	Cabbage Palm	T		S1	G5
<i>Sabatia kennedyana</i> C: drawdown zones on banks of blackwater rivers (Brunswick, Columbus)	Plymouth Gentian	T		S2	G3
<i>Sageretia minutiflora</i> C: shell middens (Carteret, Onslow, Pender)	Small-flowered Buckthorn	T		S1	G4

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<i>Sagittaria chapmanii</i> C: limesink ponds (Bladen, Carteret, Columbus, Onslow)	Chapman's Arrowhead	E		S1	G5T3?
<i>Sagittaria fasciculata</i> M: bogs and mountain swamp forests (Buncombe*, Henderson)	Bunched Arrowhead	E	E	S2	G2
<i>Sagittaria filiformis</i> C: blackwater streams, rivers, and lakes (Bladen, Columbus*, Craven*, Pender, Wilson*)	Water Arrowhead	SR-P		SH	G4G5
<i>Sagittaria isoetiformis</i> CS: limesink ponds, clay-based Carolina bays, beaver ponds, natural lakes (Bladen, Brunswick*, Columbus, Cumberland, Hoke, New Hanover, Sampson, Scotland)	Quillwort Arrowhead	T		S2	G4?
<i>Sagittaria macrocarpa</i> S: shoreline of blackwater stream impoundment (Hoke, Moore)	Streamhead Sagittaria	T		S2	G2
<i>Sagittaria weatherbiana</i> 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*)	Grassleaf Arrowhead	E	FSC	S2	G3G4
<i>Salvia azurea</i> SC: sandhills (Anson, Hoke, Montgomery, New Hanover*, Richmond, Scotland)	Azure Sage	SR-P		S2	G4G5
<i>Sarracenia jonesii</i> M: bogs (Buncombe, Henderson, Transylvania)	Mountain Sweet Pitcher Plant	E	E	S1	G2Q
<i>Sarracenia minor</i> var. <i>minor</i> C: savannas (Brunswick, Columbus, New Hanover)	Hooded Pitcherplant	E		S2	G4T4
<i>Sarracenia oreophila</i> M: seepage bogs (Clay)	Green Pitcher Plant	E	E	S1	G2
<i>Sceptridium jenmanii</i> MP: moist woods (Buncombe*, Burke, Cherokee*, Clay*, Davie*, Iredell*, Jackson*, McDowell, Mecklenburg*, Rockingham*, Rutherford, Stokes*, Transylvania*)	Alabama Grape-fern	SC-V		S2	G3G4
<i>Sceptridium lunarioides</i> P: dry pine woods (Davie*)	Winter Grape-fern	SR-P		SH	G4?
<i>Sceptridium multifidum</i> M: grassy balds (Alleghany, Avery, Mitchell)	Leathery Grape-fern	SR-P		S1	G5
<i>Sceptridium oneidense</i> MP: cove forests, bogs (Avery*, Buncombe*, Burke, Forsyth, Haywood*, Jackson, Macon, McDowell, Mitchell*, Yancey*)	Blunt-lobed Grape-fern	SR-P		S2	G4Q
<i>Schisandra glabra</i> CP: rich slopes and floodplain islands (Gaston, Martin)	Magnolia Vine	T		S1	G3
<i>Schoenoplectus acutus</i> C: natural lakes (Carteret*, Craven*, Dare*, Hyde*)	Hardstem Bulrush	SR-P		SH	G5

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<i>Schoenoplectus etuberculatus</i> CS: blackwater creeks (Bladen, Brunswick, Carteret, Columbus, Craven*, Cumberland, Harnett, Hoke, Hyde*, Johnston*, Moore, Onslow, Pender*, Randolph*, Richmond, Scotland, Wayne*)	Canby's Bulrush	SR-P		S3	G3G4
<i>Schwalbea americana</i> SC: savannas and moist to dryish pinelands with frequent fire (Bladen, Cumberland, Hoke, Moore*, Pender*, Scotland)	Chaffseed	E	E	S2	G2G3
<i>Scirpus divaricatus</i> C: swamp forests (Bladen, Duplin)	Spreading Bulrush	SR-O		S2?	G5
<i>Scirpus flaccidifolius</i> C: swamp forests (Northampton)	Reclining Bulrush	E	FSC	S1	G2
<i>Scirpus lineatus</i> C: low rich woods over marl (Brunswick, Craven, Jones, New Hanover, Onslow, Pender)	Drooping Bulrush	T		S2	G4
<i>Scirpus pendulus</i> PC: wet places over mafic rocks (Cabarrus, Carteret, Durham*, Granville, Onslow)	Rufous Bulrush	SR-O		S1	G5
<i>Scleria baldwinii</i> C: wet savannas (Brunswick, Carteret, Columbus, Pender)	Baldwin's Nutrush	T		S2	G4
<i>Scleria reticularis</i> CS: clay-based Carolina bays, limesink ponds (Brunswick, Cumberland, Hoke, New Hanover, Onslow, Sampson, Scotland)	Netted Nutrush	T		S2	G4
<i>Scleria sp. 1</i> C: pine savannas over limestone, diabase glades (Granville*, Onslow, Pender)	Smooth-seeded Hairy Nutrush	SR-L	FSC	S1	G1
<i>Scleria verticillata</i> TC: calcareous wet savannas, maritime wet grasslands influenced by shell deposits (Brunswick*, Carteret, Columbus, Dare, Hyde, Onslow, Pender, Tyrrell)	Savanna Nutrush	SR-P		S2	G5
<i>Sclerolepis uniflora</i> C: clay-based Carolina bays, blackwater river foodplains, limesink ponds (Bladen, Brunswick, Columbus, Cumberland, Hoke, Moore, New Hanover*, Robeson, Sampson*, Scotland)	One-flower Hardscale	SR-T		S2	G4
<i>Scutellaria australis</i> PS: alluvial forests (Anson*, Chatham*, Granville, Johnston*, Lee*, Orange, Richmond*, Wake*)	Southern Skullcap	E		S1	G4?Q
<i>Scutellaria galericulata</i> M: spring-fed seepage (Buncombe*)	Hooded Skullcap	SC-H		SH	G5
<i>Scutellaria leonardii</i> P: diabase glades (Durham, Granville, Moore, Orange)	Shale-barren Skullcap	E		S2	G4Q
<i>Scutellaria nervosa</i> P: alluvial forests (Chatham*, Durham*, Granville, Halifax, Jackson*, Northampton, Wake, Warren*)	Veined Skullcap	E		S1	G5

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<i>Scutellaria ovata ssp. rugosa var. 1</i> M: rocky forests, boulderfields (Buncombe, Madison)	Appalachian Skullcap	SR-T		S1	G5T1?Q
<i>Scutellaria saxatilis</i> MP: northern hardwoods forests, rocky woodlands (Alleghany, Ashe, Graham, Mitchell, Watauga*, Yancey)	Rock Skullcap	SR-T		S1	G3
<i>Sedum glaucophyllum</i> PM: rock outcrops, mainly calcareous or mafic (Jackson, Macon, Montgomery, Rockingham, Stokes)	Cliff Stonecrop	SR-P		S2	G4
<i>Sedum pusillum</i> P: granite flatrocks (Anson)	Puck's Orpine	E		S1	G3
<i>Senecio suaveolens</i> M: bottomlands (Buncombe*, Henderson, Transylvania*)	Sweet Indian-plantain	SC-H		S1	G4
<i>Sesuvium maritimum</i> T: seabeaches, marshes (Brunswick, Dare*, New Hanover)	Slender Sea-purslane	SR-O		S1?	G5
<i>Sesuvium portulacastrum</i> T: seabeaches (Carteret, New Hanover, Onslow)	Shoreline Sea-purslane	SR-P		S1	G5
<i>Seymeria pectinata</i> C: disturbed habitats (Brunswick*, Columbus*)	Sticky Afzelia	SC-H		SH	G4G5
<i>Shortia galacifolia var. brevistyla</i> M: streambanks, slopes, and outcrops in humid gorges (McDowell)	Northern Oconee Bells	E	FSC	S2	G2G3T2
<i>Shortia galacifolia var. galacifolia</i> M: streambanks, slopes, and outcrops in humid gorges (Jackson, Macon, Swain*, Transylvania)	Southern Oconee Bells	SC-V	FSC	S2	G2G3T2T
<i>Sida elliotii var. elliotii</i> P: stream banks, sandy woodlands (Iredell)	Coastal Plain Sida	SR-P		S1	G4G5TNR
<i>Sideroxylon tenax</i> T: maritime forests and scrub (Brunswick, New Hanover)	Tough Bumelia	T	FSC	S1	G3?
<i>Silene ovata</i> M: rich slopes, cove forests, montane oak-hickory forests (Buncombe, Cherokee, Graham, Haywood, Henderson, Jackson, Macon, Madison, Rutherford*, Swain, Yancey)	Mountain Catchfly	SC-V	FSC	S3	G3
<i>Silphium connatum</i> MP: floodplains, rich alluvial woods (Alleghany, Ashe, Iredell, Rockingham, Stokes, Yadkin)	Virginia Cup-plant	SC-V		S2	G3G4Q
<i>Silphium perfoliatum</i> PM: floodplains (Alleghany, Ashe, Cabarrus, Forsyth, Iredell*, Mecklenburg, Stokes, Surry)	Northern Cup-plant	T		S1	G5

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<i>Silphium terebinthinaceum</i> P: diabase glades, other open or semi-open sites over mafic rock (Cabarrus, Davie, Durham, Granville, Mecklenburg, Stanly, Wake*)	Prairie Dock	SR-P		S2	G4G5
<i>Sisyrinchium dichotomum</i> M: thin woods, especially over amphibolite, in the escarpment region (Burke, Henderson, Polk, Rutherford)	White Irisette	E	E	S2	G2
<i>Smilax hugeri</i> MP: deciduous forests (Anson, Clay, Cumberland, Graham, Macon, Montgomery, Richmond, Swain)	Huger's Carrion-flower	SR-P		S2	G4
<i>Smilax lasioneura</i> MP: oak-hickory forests over mafic rocks (Guilford*, Henderson, Polk, Rutherford)	Blue Ridge Carrion-flower	SR-P		S1	G5
<i>Solanum pseudogracile</i> T: dunes (Brunswick, Carteret, New Hanover*, Onslow, Pamlico)	Graceful Nightshade	SR-T		S1	GNR
<i>Solidago leavenworthii</i> C: savannas, pocosin borders, clay-based Carolina bays, peaty seeps (Carteret*, Columbus, Robeson, Sampson, Scotland*)	Leavenworth's Goldenrod	T		S1	G3G4
<i>Solidago plumosa</i> P: riverside rocks (Montgomery, Stanly)	Yadkin River Goldenrod	T	C	S1	G1
<i>Solidago ptarmicoides</i> P: diabase glades (Granville, Rowan*)	Prairie Goldenrod	E		S1	G5
<i>Solidago radula</i> P: dry woodlands over mafic rocks (Montgomery, Stanly, Wake*)	Western Rough Goldenrod	E		S1	G5?
<i>Solidago rigida</i> var. <i>glabrata</i> P: diabase glades, other open sites over mafic rock (Cabarrus, Durham, Granville, Mecklenburg*, Person, Rockingham, Union)	Southeastern Bold Goldenrod	SR-P		S2	G5T4
<i>Solidago rigida</i> var. <i>rigida</i> M: forest openings, presumably on mafic or calcareous rocks (Haywood*, Macon, Madison*, McDowell)	Prairie Bold Goldenrod	T		S1	G5T5
<i>Solidago simulans</i> M: high and low elevation granitic domes south of the Asheville Basin (Buncombe, Graham+, Jackson, Macon, Rutherford, Swain+, Transylvania)	Granite Dome Goldenrod	SR-L	FSC	S2	G2
<i>Solidago spithamea</i> M: high elevation rocky summits (Ashe, Avery, Buncombe, Mitchell)	Blue Ridge Goldenrod	T	T	S2	G2
<i>Solidago squarrosa</i> M: moist forests at high elevations (Buncombe*)	Squarrose Goldenrod	SR-P		SH	G4?
<i>Solidago tortifolia</i> CS: dry savannas and and mesic flats (Bladen, Brunswick*, Hoke, Jones*, New Hanover*, Robeson*, Scotland*)	Twisted-leaf Goldenrod	E		S1	G4G5

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<i>Solidago uliginosa</i> MSP: bogs, seeps (Ashe, Clay, Haywood, Macon, Madison*, Transylvania, Watauga, Yancey)	Bog Goldenrod	SR-P		S1S2	G4G5
<i>Solidago ulmifolia</i> PM: wooded stream banks (Burke, Durham*, Jackson, McDowell, Rutherford)	Elm-leaf Goldenrod	SR-D		S1?	G5
<i>Solidago verna</i> 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)	Spring-flowering Goldenrod	SR-O	FSC	S3	G3
<i>Solidago villosicarpa</i> C: edges and openings in maritime upland forests (Brunswick, Craven, Dare, New Hanover*, Onslow, Pender)	Coastal Goldenrod	E	FSC	S1	G1
<i>Sparganium emersum</i> M: pondshores (Avery, Macon, Watauga)	Greenfruit Bur-reed	T		S1	G5
<i>Spartina pectinata</i> MCS: freshwater marshes, spray zones of waterfalls, other moist sites (Alleghany, Ashe, Chowan*, Mitchell*, Montgomery*, Pasquotank, Transylvania)	Freshwater Cordgrass	SC-V		S1	G5
<i>Spigelia marilandica</i> M: open woods (Cherokee)	Pink-root	T		S1	G4
<i>Spiraea corymbosa</i> P: open woods, thin soil over rock (Alexander, Alleghany, Catawba, Stokes)	Shinyleaf Meadowsweet	E		S1	G5
<i>Spiraea virginiana</i> M: riverbanks (Ashe, Buncombe, Graham, Macon, Mitchell, Swain, Transylvania, Yancey)	Virginia Spiraea	T	T	S2	G2
<i>Spiranthes eatonii</i> CS: pine savannas and pine-oak sandhills (Beaufort*, Bladen*, Brunswick*, Carteret, Craven, Cumberland*, Moore, Onslow, Pamlico*, Pender)	Eaton's Ladies'-tresses	E		S2	G2G4
<i>Spiranthes floridana</i> C: moist sites (Brunswick+, Pender*)	Florida Ladies'-tresses	SR-P		S1	G3G4
<i>Spiranthes lacera</i> var. <i>lacera</i> M: mountain balds (Clay*, Jackson)	Northern Slender Ladies'-tresses	E		S1	G5T5
<i>Spiranthes laciniata</i> C: moist wet habitats (Beaufort*, Bladen, Brunswick, Carteret, Columbus, New Hanover, Onslow)	Lace-lip Ladies'-tresses	SC-V		S2	G4G5
<i>Spiranthes longilabris</i> C: savannas (Bladen, Brunswick, Carteret, Onslow, Pender)	Giant Spiral Orchid	E		S1	G3
<i>Spiranthes lucida</i> M: seepage over amphibolite (Alleghany)	Shining Ladies'-tresses	E		S1	G5

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<i>Spiranthes ochroleuca</i> M: grassy balds, meadows, wooded slopes (Ashe, Avery, Buncombe*, Haywood*, Rutherford, Watauga, Yancey*)	Yellow Ladies'-tresses	T		S1	G4
<i>Sporobolus heterolepis</i> M: olivine barrens (Clay, Jackson)	Prairie Dropseed	T		S1	G5
<i>Sporobolus teretifolius</i> C: wet savannas (Brunswick, Columbus)	Wireleaf Dropseed	T	FSC	S2	G2
<i>Sporobolus virginicus</i> T: brackish marshes (Brunswick)	Saltmarsh Dropseed	T		S1	G5
<i>Stachys clingmanii</i> M: spruce-fir forests, northern hardwoods forests (Graham, Haywood*, Jackson*, Macon, Swain*, Transylvania*)	Clingman's Hedge-nettle	SR-T		S2	G2Q
<i>Stachys cordata</i> M: rich forests, especially over calcareous rock (Madison)	Heartleaf Hedge-nettle	SR-P		S1	G5?
<i>Stachys eplingii</i> M: bogs (Burke*, Henderson, Jackson*)	Epling's Hedge-nettle	SR-T		S1	G5
<i>Stachys matthewsii</i> P: sandy edges of forested floodplains (Montgomery)	Yadkin Hedge-nettle	SR-T		S1	G1G2
<i>Stachys tenuifolia</i> C: swamp forests, edges of bottomlands (Bertie, Martin, Northampton)	Smooth Hedge-nettle	SR-D		S1	G5
<i>Stenanthium gramineum</i> var. <i>robustum</i> M: bogs and wet meadows (Alleghany, Ashe, Avery)	Bog Featherbells	T		S1	G3G5T3T
<i>Stenanthium leimanthoides</i> M: high elevation rocky summits, thin soil at high elevations (Ashe*, Avery, Burke, Yancey)	Pinebarren Death-camas	T		S1	G4Q
<i>Stewartia ovata</i> MP: bluffs and forests, usually with rhododendrons (Catawba, Cherokee, Clay, Graham+, Granville, Macon, Madison*, Montgomery, Rutherford, Stokes, Swain, Wilkes)	Mountain Camellia	SR-P		S2	G4
<i>Streptopus amplexifolius</i> M: spruce-fir forests, northern hardwoods forests (Buncombe, Haywood, Jackson, Mitchell, Swain*, Yancey)	White Mandarin	SC-V		S1	G5
<i>Stylisma aquatica</i> C: clay-based Carolina bays, pineland pools (Brunswick, Moore, Robeson, Scotland)	Water Dawnflower	E		S2	G4
<i>Stylisma pickeringii</i> var. <i>pickeringii</i> SC: sandhills (Bladen, Brunswick*, Carteret, Cumberland, Harnett, Hoke, Moore, New Hanover, Pender*, Richmond, Sampson, Scotland)	Pickering's Dawnflower	SC-V	FSC	S3	G4T3

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<i>Symphyotrichum depauperatum</i> P: diabase glades (Granville)	Serpentine Aster	E		S1	G2
<i>Symphyotrichum georgianum</i> (=Aster georgianus) P: open woods and roadsides (Davidson, Gaston, Lincoln, Mecklenburg, Montgomery, Randolph, Rowan, Stanly, Union)	Georgia Aster	T	C	S3	G3
<i>Symphyotrichum laeve</i> var. <i>concinnum</i> P: forests, woodland borders especially over mafic rocks (Alamance*, Alexander*, Caswell, Davie*, Durham, Granville, Iredell*, Orange*, Rutherford, Stanly, Union, Wake*)	Narrow-leaf Aster	T		S2	G5T4
<i>Symphyotrichum laeve</i> var. <i>laeve</i> P: forests, woodland borders especially over mafic rocks (Gaston*, Graham+, Henderson*, Orange*, Polk*, Rutherford*)	Smooth Blue Aster	SR-P		SH	G5T5
<i>Symphyotrichum oblongifolium</i> M: thin soils around limestone outcrops (Madison)	Aromatic Aster	T		S1	G5
<i>Symphyotrichum rhiannon</i> M: serpentine pine barrens (Clay)	Buck Creek Aster	T	FSC	S1	G1
<i>Symphyotrichum shortii</i> M: bluffs and rocky banks (Burke*, Cherokee+, Transylvania*)	Short's Aster	SR-P		SH	G5
<i>Synandra hispidula</i> M: rich cove forests (Jackson*, Swain)	Synandra	E		S1	G4
<i>Taxus canadensis</i> M: bogs, swamp forests under spruce (Ashe, Watauga)	Canada Yew	T		S1	G5
<i>Thalictrum cooley</i> C: wet savannas (Brunswick, Columbus, New Hanover, Onslow, Pender)	Cooley's Meadowrue	E	E	S2	G2
<i>Thalictrum macrostylum</i> CSPM: bogs and wet woods (Alleghany, Clay, Cumberland, Graham+, Henderson, Hertford, Hyde*, Jones, McDowell, Moore, Nash, New Hanover, Pender, Richmond, Transylvania)	Small-leaved Meadowrue	SR-L	FSC	S2	G3G4
<i>Thaspium pinnatifidum</i> M: calcareous slopes (Clay*, Graham*, Jackson*, Macon*, Madison, Swain*, Transylvania*)	Mountain Thaspium	T	FSC	S1	G2G3
<i>Thelypteris simulata</i> M: bogs (Alleghany, Avery)	Bog Fern	E		S1	G4G5
<i>Thermopsis fraxinifolia</i> MP: dry ridges (Buncombe, Burke, Henderson, Jackson, Macon, McDowell, Polk, Stokes, Surry, Transylvania, Yancey)	Ash-leaved Golden-banner	SC-V		S2?	G3?

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<i>Thermopsis mollis</i> PM: dry ridges and open woodlands (Buncombe*, Burke, Caldwell, Catawba, Chatham*, Cleveland, Columbus*, Durham*, Forsyth*, Franklin*, Gaston, Granville, Guilford*, Henderson, Iredell*, Lincoln, McDowell, Mecklenburg*, Orange, Polk, Rutherford, Stokes, Surry, Vance*, Wake, Warren)	Appalachian Golden-banner	SC-V		S2	G3G4
<i>Torreyochloa pallida</i> CM: blackwater pools, old millponds, and small stream swamps (Avery*, Columbus*, Currituck, Duplin*, Gates, Harnett)	Pale Mannagrass	SR-P		S1	G5
<i>Tradescantia virginiana</i> P: rich woods on circumneutral soils (Ashe, Burke, Caswell, Harnett, Montgomery*, Moore, Randolph, Rockingham, Stanly, Surry, Wake)	Virginia Spiderwort	T		S1	G5
<i>Triadenum fraseri</i> M: bogs and peaty wetlands	Marsh St. John's-wort	SR-P		S1	G5
<i>Triantha glutinosa</i> MP: bogs, seepages (Ashe, Caldwell*, Haywood, Henderson*, Jackson, Transylvania)	Sticky Bog Asphodel	SC-V		S1	G4G5
<i>Trichomanes boschianum</i> M: spray zone of waterfalls, seeps over rock (Graham, Jackson, Macon, Polk*)	Appalachian Filmy-fern	E		S1	G4
<i>Trichomanes petersii</i> M: moist rocks in humid gorges (Graham, Jackson, Macon, Transylvania)	Dwarf Filmy-fern	SR-T		S2	G4G5
<i>Trichophorum cespitosum</i> M: high elevation rocky summits, moist cliffs (Ashe, Avery, Buncombe, Burke, Caldwell, Haywood, Henderson, Jackson, Macon, Mitchell, Rutherford, Transylvania, Watauga, Yancey)	Deerhair Bulrush	SR-D		S2S3	G5
<i>Trichostema brachiatum</i> PM: diabase glades, other dry calcareous or mafic outcrops (Buncombe, Granville, Madison, Orange*, Rockingham, Yancey*)	Glade Bluecurls	E		S1	G5
<i>Trichostema setaceum</i> SPC: dry woodlands, granite flatrocks (Alexander, Bladen, Burke, Cleveland, Hoke, McDowell, Moore, Richmond, Robeson, Rutherford)	Narrowleaf Bluecurls	SR-T		S2	G5
<i>Trichostema sp. 1</i> T: dunes, openings in maritime forest and scrub (Brunswick, Carteret, Dare, Hyde, New Hanover)	Dune Bluecurls	SR-L	FSC	S2	G2
<i>Tridens ambiguus</i> C: clay-based Carolina bays (Scotland)	Pineland Triodia	E		S1	G4
<i>Tridens chapmanii</i> CP: dry pine and oak woods, sandy roadsides (Bladen, Carteret*, Craven, Dare*, Durham*, Hoke*, Jones, Martin*, Montgomery, Moore, Orange*, Pender, Richmond, Scotland*)	Chapman's Redtop	T		S1S2	G3

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<i>Tridens strictus</i> C: pine flatwoods (Duplin*, Hoke*, Pender*, Robeson*)	Spike Triodia	SC-H		SH	G5
<i>Trientalis borealis</i> M: coves, northern hardwood forest (Buncombe*, Cherokee, Graham, Haywood)	Starflower	E		S1	G5
<i>Trifolium carolinianum</i> C: savannas, sandy open areas (Duplin*, New Hanover*, Onslow*)	Carolina Clover	SC-H		SH	G5
<i>Trifolium reflexum</i> PMSC: open woods and clearings (Buncombe*, Caswell, Chatham*, Durham*, Granville, Halifax*, Harnett, Iredell, Montgomery, Moore, Randolph*, Wake, Yadkin)	Buffalo Clover	T		S1S2	G3G4
<i>Trillium discolor</i> M: rich coves in the Savannah River drainage (Jackson, Transylvania)	Mottled Trillium	T		S1	G4
<i>Trillium flexipes</i> M: rich coves (Henderson*, Swain*)	Bent White Trillium	SC-H		SH	G5
<i>Trillium pusillum</i> var. <i>ozarkanum</i> M: rich cove forests (Clay, Haywood*)	Alabama Least Trillium	E	FSC	S1	G3T3
<i>Trillium pusillum</i> var. <i>pusillum</i> CP: ecotones between savannas and nonriverine wet hardwood forests, over marl (Onslow, Pender)	Carolina Least Trillium	E	FSC	S2	G3T2
<i>Trillium pusillum</i> var. <i>virginianum</i> C: mesic to swampy hardwood forests (Camden, Currituck, Gates, Halifax, Johnston, Nash, Wake)	Virginia Least Trillium	E	FSC	S1	G3T2
<i>Trillium recurvatum</i> M: rich coves	Prairie Trillium	SR-P		S1	G5
<i>Trillium sessile</i> C: rich alluvial levees and slopes (Halifax, Northampton)	Sessile-flowered Trillium	T		S1	G4G5
<i>Trillium simile</i> MP: rich coves (Buncombe, Burke, Cherokee, Graham, Haywood*, Henderson, Macon, Madison, McDowell, Polk, Rutherford, Swain*, Yancey)	Sweet White Trillium	T		S2	G3
<i>Trisetum spicatum</i> M: grassy balds and/or high elevation rocky summits (Mitchell*)	Soft Trisetum	SC-H		SH	G5
<i>Turritis glabra</i> M: mountain forests and meadows (Avery, Madison*, Watauga)	Tower Mustard	E		S1	G5
<i>Urtica chamaedryoides</i> C: rich blackwater and brownwater levee forests (Bertie, Halifax, Northampton)	Dwarf Stinging Nettle	E		S1	G4G5
<i>Utricularia cornuta</i> CM: bogs, limesink ponds (Brunswick, Columbus, Franklin, New Hanover*, Rutherford, Watauga)	Horned Bladderwort	T		S1S2	G5

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<i>Utricularia floridana</i> C: natural lakes (Bladen*, Wayne*)	Florida Bladderwort	SR-T		SH	G3G5
<i>Utricularia geminiscapa</i> SC: seepage areas on Suffolk Scarp, beaver ponds (Beaufort, Cumberland, Hoke, Moore, Pender)	Two-flowered Bladderwort	SC-V		S1	G4G5
<i>Utricularia macrorhiza</i> C: pools and ponds (Hyde)	Greater Bladderwort	SR-O		S1?	G5
<i>Utricularia minor</i> M: bogs (Watauga*)	Small Bladderwort	SC-H		SH	G5
<i>Utricularia olivacea</i> C: limesink ponds, beaver ponds (Brunswick, Carteret, Craven*, Cumberland, Hoke, New Hanover, Onslow, Pender)	Dwarf Bladderwort	T		S2	G4
<i>Utricularia resupinata</i> C: natural lakes (Columbus, Washington)	Northeastern Bladderwort	E		S1	G4
<i>Vaccinium angustifolium</i> M: High elevation acidic forests and woodlands (Graham, Swain)	Northern Lowbush Blueberry	SR-P		S1	G5
<i>Vaccinium macrocarpon</i> MC: bogs, seeps, pocosins (Alleghany, Ashe, Avery, Bladen*, Brunswick, Burke, Caldwell*, Cumberland, Currituck*, Dare, Haywood, Hyde, Transylvania, Tyrrell, Watauga)	Cranberry	T		S2	G4
<i>Vaccinium virgatum</i> S: pocosins, blackwater swamps, mesic pine flatwoods, sandhill seeps (Brunswick, Cumberland, Hoke, Pender, Robeson*, Scotland)	Small-flower Blueberry	SR-P		S1	G4
<i>Veratrum woodii</i> M: circumneutral soil of woodlands over mafic rocks such as amphibolite or other calcareous substrates (Polk)	Ozark Bunchflower	T		S1	G5
<i>Verbesina walteri</i> M: rich cove forests (Henderson, Macon, Mitchell, Polk, Transylvania, Yancey)	Walter's Crownbeard	SR-T		S1	G4
<i>Veronica americana</i> MC: seeps, bogs (Alleghany, Ashe*, Avery, Craven*, Madison, Mitchell*, Watauga, Yancey*)	American Speedwell	T		S2	G5
<i>Viola walteri</i> var. <i>appalachiensis</i> M: olivine barrens and alluvial forests (Clay, Macon, Swain)	Appalachian Violet	SC-V		S2	G4TNR
<i>Viola walteri</i> var. <i>walteri</i> MP: rich cove forests and other rich forests (Jackson, Montgomery, Richmond, Stanly)	Prostrate Blue Violet	SR-T		S1	G4G5
<i>Warea cuneifolia</i> S: sandhills (Harnett*, Hoke)	Carolina Pineland-cress	E		S1	G4

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<i>Woodsia appalachiana</i> M: cliffs, rock outcrops (Alleghany, Ashe*, Buncombe*, Burke, McDowell, Polk, Rutherford, Surry, Transylvania, Wilkes+)	Appalachian Cliff Fern	SR-P		S2	G4
<i>Woodsia ilvensis</i> M: cliffs, rock outcrops (Alleghany, Ashe, Surry)	Rusty Cliff Fern	E		S1	G5
<i>Xyris chapmanii</i> S: mucky sandhill seeps (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	Chapman's Yellow-eyed-grass	SC-V		S3	G3
<i>Xyris floridana</i> C: savannas (Brunswick, Carteret, Columbus, Onslow, Pender, Robeson*)	Florida Yellow-eyed-grass	T		S1	G5
<i>Xyris scabrifolia</i> S: sandhill seeps and bogs (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	Harper's Yellow-eyed-grass	SC-V	FSC	S2	G3
<i>Xyris serotina</i> C: savannas (Columbus*)	Acid-swamp Yellow-eyed-grass	T		S1	G3G4
<i>Xyris stricta</i> C: savannas (Brunswick, Carteret, Pender)	Pineland Yellow-eyed-grass	E		S1	G4
<i>Yucca gloriosa</i> T: dunes (Brunswick, Carteret, Dare, Hyde, New Hanover, Onslow, Pender)	Moundlily Yucca	SR-P		S2?	G4?
<i>Zephyranthes simpsonii</i> C: roadsides, calcareous coastal fringe forest (Brunswick)	Rain Lily	E	FSC	S1	G2G3
<u>Mosses</u>					
<i>Aphanorrhagma serratum</i> P: soil or clay in places subject to inundation (Durham*)	A Moss	SR-O		SH	G4G5
<i>Archidium donnellii</i> P: sandy or gravelly soil along roadsides, in fields, near granitic outcrops (Wake)	Donnell's Archidium	SR-O		S1	G3G5
<i>Archidium tenerrimum</i> C: dunes, maritime grasslands (Dare*)	An Earth Moss	SR-O		SH	G5?
<i>Bellibarbula recurva</i> M: thin soil over moist rock	Recurved bryoerythrophyllum moss	SR-P		S1?	G3G5
<i>Brachydontium trichodes</i> M: on moist rocks in spruce-fir forests (Mitchell, Swain)	Peak Moss	SR-D		S1	G2G4
<i>Brachymenium andersonii</i> M: on humus in acidic cove forests - mixed hardwood-hemlock (Macon)	Anderson's Melon-moss	SR-L	FSC	SH	GH
<i>Brachymenium systylium</i> M: on humus in acidic cove forests mixed hardwood-hemlock (Macon*, Rutherford)	Mexican Melon-moss	SR-D		S1	G5

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<i>Brachythecium populeum</i> M: mountain forests (Avery*, Caldwell*, Rutherford, Watauga*)	Matted Feather Moss	SR-P		S1	G5
<i>Brachythecium rotaeum</i> CMP: on bark or rock in cove forests (Avery*, Caldwell*, Camden*, Carteret*, Craven*, Durham*, Haywood, Jackson*, Jones*, Martin*, McDowell*, Rowan*, Rutherford, Swain*, Transylvania, Watauga*)	Rota's Feather Moss	SR-D		S1	G3G4
<i>Bruchia brevifolia</i> C: soil of disturbed habitats (Harnett*, Pender*, Sampson)	A Pygmy Moss	SR-T		S1?	G3G4
<i>Bruchia carolinae</i> S: sandy soil of roadsides, old fields, or other disturbed areas (Lee*)	A Pygmy Moss	SR-L		S1?	G3?
<i>Bruchia fusca</i> S: sandy soil (Harnett*)	A Pygmy Moss	SR-T		SH	G1?
<i>Bruchia hallii</i> C: sandy soil in open places (Pender*)	A Pygmy Moss	SR-T		SH	G2
<i>Bryocrumia vivicolor</i> M: rocks and streambanks in humid gorges, spray zones of waterfalls (Jackson, Transylvania)	Gorge Moss	SR-T	FSC	SH	G1G2
<i>Bryoerythrophyllum ferruginascens</i> M: on moist rocks or soil at high elevations (Jackson, Rutherford*)	Rust Foot Moss	SR-D		S1	G3G4
<i>Bryoerythrophyllum inaequalifolium</i> M: on thin soil over shale (McDowell*)	A Foot Moss	SR-D		S1	G4?
<i>Bryoxiphium norvegicum</i> M: rocks in humid gorges, spray zones of waterfalls (Jackson, Macon, McDowell*, Transylvania)	Sword Moss	SR-O		S1	G5?
<i>Bryum limbatum</i> P: low elevation rocky summits (Rutherford)	A Moss	SR-D		S1?	G5?
<i>Bryum riparium</i> M: spray zones of waterfalls (Transylvania*)	Riverside Bryum	SR-D		SH	G2G4
<i>Buxbaumia aphylla</i> M: forests, roadside banks (Haywood*)	Bug-on-a-stick	SR-O		SH	G4G5
<i>Buxbaumia minakatae</i> M: on rotten logs and stumps in mountain forests (Avery*, Watauga*)	Hump-backed Elves	SR-T		SH	G2G3
<i>Campylium stellatum</i> M: fens (Ashe)	Yellow Starry Fen Moss	SC-V		S1	G5
<i>Campylopus atrovirens</i> var. <i>atrovirens</i> M: near crevices and seepage zones on exposed granite (Ashe*, Buncombe*, Haywood, Jackson*, Macon*, Transylvania)	Black Fish Hook Moss	SR-D		S1?	G4G5TNR

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<i>Campylopus caroliniae</i> C: savannas, sandhills (Brunswick, Carteret, Cumberland, Sampson, Scotland)	Savanna Campylopus	SR-T	FSC	S1S2	G2
<i>Campylopus oerstedianus</i> P: granite flatrocks (Rutherford, Wake)	Oersted's Campylopus	SR-D		S1	G2G3
<i>Campylopus paradoxus</i> M: high elevation rock outcrops (Avery*)	Paradoxical Campylopus	SR-D		S1	G5
<i>Cirriphyllum piliferum</i> M: moist rocks, wet by seepage or waterfall spray (Alleghany*, Jackson, McDowell*, Swain*, Transylvania)	Long Leaf Mustache Moss	SR-P		S1	G5
<i>Cleistocarpidium palustre</i> P: wet soil, sandy swamps (McDowell, Wake)	Prairie Pleuridium	SR-D		S1	G5?
<i>Coscinodon cribrosus</i> MP: rock outcrops and cliffs (Alleghany*, Burke)	Copper Grimmia	SR-T		S1	G3G4
<i>Cryphaea nervosa</i> MP: trunks of trees in humid forests, sometimes in swamp forests (Macon*, Moore*, Orange, Swain*)	A Thread Cedar Moss	SR-T		S1?	G4?
<i>Cyrto-hypnum pygmaeum</i> M: moist woods, over moist rocks (Rutherford*, Swain*)	Pygmy Cyrto-hypnum Moss	SR-O		S1?	G4G5
<i>Dichelyma capillaceum</i> P: bases of trees, stumps, or on rocks in places submerged at high water (McDowell, Mecklenburg*, Orange)	Hair Claw Moss	SR-P		S1?	G5
<i>Dichodontium pellucidum</i> M: seepage or spray zones of waterfalls on mafic or calcareous rocks (Ashe*, Buncombe*, Haywood*, Henderson*, Jackson*, Macon*, McDowell*, Mitchell*, Swain*, Transylvania*)	Transparent Fork Moss	SR-P		S2	G4G5
<i>Dicranella rufescens</i> MP: wet soil on banks of roads and streams (Burke, Durham*, Jackson+, Macon*, Rutherford, Transylvania+)	Red Fork Moss	SR-O		S1?	G5?
<i>Dicranella varia</i> MP: wet, calcareous soil, in open, disturbed places (Durham*, Granville, Macon*, Rutherford)	Variable Fork Moss	SR-O		S1?	G5
<i>Dicranum undulatum</i> M: bogs, seeps (Avery, Buncombe*, Burke*, Haywood*, Yancey*)	Bog Broom-moss	SR-D		S1	G5
<i>Didymodon fallax</i> M: soil, silt, sandstone, concrete, calcareous rock (McDowell*)	Fallacious Screw Moss	SR-O		SH	G5
<i>Didymodon tophaceus</i> MP: on limestone, limy shale, clay in moist areas, seepages, waterfalls (McDowell*, Rowan)	Three-ranked Didymodon	SR-O		S1?	G5

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<i>Ditrichum ambiguum</i> M: acidic cove forests (Macon)	Ambiguous Ditrichum	SR-P		S1	G4?
<i>Ditrichum rhynchostegium</i> MP: sandy or clay soil, clearings in woods, over rocks and along streams (Jackson*, Macon, Surry*, Transylvania*)	Ditrichum Moss	SR-T		S1?	G3G5
<i>Encalypta procera</i> M: on moist calcareous rocks (Macon*, McDowell)	Extinguisher Moss	SR-D		S1	G4G5
<i>Entodon compressus</i> MP: on moist calcareous rocks (Macon*, McDowell*, Person*, Rockingham*)	Flattened Entodon	SR-P		S1	G4
<i>Entodon concinnus</i> M: on moist calcareous rocks (McDowell*)	Lime Entodon	SR-P		S1	G4G5
<i>Entodon sullivantii</i> M: on rocks or bark in humid gorges and cove forests (Buncombe*, Burke, Caldwell*, Graham*, Jackson, Macon*, McDowell, Polk*, Swain, Transylvania)	Sullivant's Entodon	SR-O		S2	G3G4
<i>Ephemerum cohaerens</i> moist or drying disturbed soil (Durham*)	Northern Short-lived Moss	SR-T		SH	G4G5
<i>Eucladium verticillatum</i> M: on moist calcareous rocks (McDowell)	Lime-seep Eucladium	SR-O		S1	G4
<i>Fissidens asplenioides</i> P: sandstone ledges and crevices in moist ravines and grottoes, along streams and waterfalls (Stokes*)	A Plume Moss	SR-O		SH	G3G5
<i>Fissidens hallianus</i> C: on bark in cypress-gum swamps (Beaufort*)	A Plume Moss	SR-O		SH	GNRQ
<i>Fissidens hallii</i> C: on bark in cypress-gum swamps (Jones*)	Hall's Pocket Moss	SR-T		S1	G2
<i>Fissidens scalaris</i> P: bare, disturbed soil of stream banks and roadsides (Mecklenburg*)	A Plume Moss	SR-O		SH	GNR
<i>Fontinalis sphagnifolia</i> M: on rocks in flowing water (Macon)	A Water Moss	SR-O		S1?	G3G5
<i>Fontinalis welchiana</i> P: submerged rocks (Orange)	Welch's fontinalis moss	SR-T		S1?	GU
<i>Grimmia longirostris</i> M: waterfall spray zones (Transylvania*)	A Beard Moss	SR-D		S1?	G4G5
<i>Herzogiella turfacea</i> M: on bases of trees and rotten logs in coniferous and hardwood forests (Burke, Jackson+, Swain, Transylvania+, Yancey)	Flat Stump Moss	SR-P		S1?	G4G5

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<i>Homalia trichomanoides</i> M: in spray zones of waterfalls, on rocks in humid gorges (Avery, Jackson, Macon*, McDowell, Transylvania)	Lime Homalia	SR-P		S1	G5
<i>Homaliadelphus sharpii</i> M: on dry mafic or calcareous rocks in gorges (Jackson*)	Sharp's Homaliadelphus	SR-P		S1	G3?
<i>Hygrohypnum closteri</i> MP: on rocks submersed in streams (Burke*, McDowell*, Orange, Polk*, Swain*)	Closter's Brook-hypnum	SR-T		S1	G3
<i>Hylocomiastrum umbratum</i> M: on trees and rocks in moist forests, especially under spruce-fir (Buncombe*, Macon, Swain*, Yancey*)	Shaded Feather Moss	SR-P		S1?	G5
<i>Hypnum pratense</i> M: terrestrial in damp open sites, swampy and peatland areas (Ashe, Jackson)	Meadow Feather Moss	SR-P		S1?	G5
<i>Leptodontium excelsum</i> M: on bark of Fraser Firs and Red Spruces in spruce-fir forests (Avery, Caldwell, Haywood, Jackson, Mitchell, Swain, Transylvania*, Watauga)	Grandfather Mountain Leptodontium	SR-L		S1	G2
<i>Leptodontium flexifolium</i> M: high elevation rocky summits and moist calcareous rocks (Ashe*, Avery, Caldwell, Haywood*, Swain*, Transylvania*, Watauga, Yancey*)	Pale-margined Leptodontium	SR-D		S1	G5
<i>Leptohymenium sharpii</i> M: moist rocks in spruce-fir forests (Haywood*, Mitchell*, Swain*, Yancey)	Mount Leconte Moss	SR-L		S1	G1
<i>Leskeella nervosa</i> M: dry or moist, shaded substrates (Haywood*)	Common Fine Moss	SR-O		SH	G5
<i>Lindbergia brachyptera</i> M: bark of hardwoods (Ashe*, Cherokee*, McDowell, Watauga)	Lindberg's Maple-moss	SR-P		S1	G5
<i>Macrocoma sullivantii</i> MP: bark of cedar or hardwoods (Burke, Clay*, Jackson, Macon, Rutherford, Swain, Transylvania, Wilkes)	Sullivant's Maned-moss	SR-D		S2	G3G5
<i>Micromitrium synoicum</i> P: drying or dried ponds, edges of lakes or streams, bare soil in open forests (Durham)	A Moss	SR-O		S1?	G4
<i>Neckera complanata</i> M: on calcareous rocks in humid gorges (Jackson+, Transylvania+)	Flat Feather Moss	SR-O		S1	G5
<i>Orthodontium pellucens</i> MP: moist felsic or calcareous rocks (Stokes*, Swain*)	Translucent Orthodontium	SR-O		S1	G5
<i>Orthotrichum exiguum</i> P: base of trees or on tree trunks (Union*)	Small Wood-bark Moss	SR-O		SH	G3?
<i>Orthotrichum keeverae</i> MP: on trees around low elevation granitic domes (Alexander, Alleghany, Wilkes)	Keever's Bristle-moss	SR-L		S2	G2

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<i>Orthotrichum obtusifolium</i> M: bark of hardwoods (Ashe*)	Blunt Bristle-moss	SR-P		S1	G5
<i>Orthotrichum strangulatum</i> MP: exclusively on dry, exposed, calcareous or dolomitic bluffs and rock faces (Davidson*, Davie*, Forsyth*, Guilford*, Madison*, McDowell*, Rockingham*, Stokes*, Surry*, Yadkin*)	Drummond Moss	SR-P		SH	G4
<i>Oxyrrhynchium pringlei</i> M: rocks and streambanks in humid gorges, spray zones of waterfalls (Burke, Macon, McDowell, Polk, Transylvania)	Pringle's Water Feather Moss	SR-D		S1	G2G3
<i>Palamocladium leskeoides</i> M: calcareous rocks in humid gorges (Jackson*)	Palamocladium	SR-D		S1	G3G5
<i>Philonotis cernua</i> M: in spray zones of waterfalls, moist rocks in humid gorges (Jackson, Macon*, Rutherford*, Transylvania)	Dwarf Apple Moss	SR-D		S1	G4?
<i>Philonotis uncinata</i> M: rocks and soil in open habitats (Transylvania*)	An Apple Moss	SR-P		SH	G5
<i>Pilosium chlorophyllum</i> M: moist area on trees (Jackson, Transylvania)	A Moss	SR-D		S1?	GNR
<i>Plagiomnium carolinianum</i> M: rocks and streambanks in humid gorges (Jackson, Macon*, Swain*, Transylvania)	Carolina Star-moss	SR-L		S2	G3
<i>Plagiomnium ellipticum</i> M: rocks in moist areas (Graham)	Marsh Magnificent Moss	SR-P		S1?	G5
<i>Plagiomnium rostratum</i> M: wet rocks (Buncombe, Macon*, McDowell*, Transylvania)	Long-beaked Thread Moss	SR-P		S1?	G5
<i>Platydictya confervoides</i> M: calcareous rocks (Madison*, McDowell*)	Alga-like Matted-moss	SR-P		S1	G4G5
<i>Platyhypnidium riparioides</i> M: streams (Haywood, Jackson+, Macon*, Rutherford, Transylvania+)	Long-beaked Water Feather Moss	SR-O		S1?	G4
<i>Pleuridium sullivantii</i> S: sandy soil in open weedy habitats, openings in woods, disturbed roadsides (Harnett*)	A Moss	SR-O		SH	G3G5
<i>Pleurochaete luteola</i> P: exposed clay or sandy soil over calcareous rock (Durham)	Spring-leaved Screw Moss	SR-O		S1?	G5?
<i>Pogonatum dentatum</i> M: dry, sunny habitats, sandy or gravelly soil, rocks (Mitchell)	Hair-like Hair-cap	SR-P		S1?	G3G5
<i>Pohlia lescuriana</i> MP: on wet, noncalcareous soil in open areas (Alleghany, Ashe, Burke, Forsyth*, Jackson, Macon, Rutherford, Watauga, Wilkes)	Spherical Bulb Nodding Moss	SR-T		S1?	G4?

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<i>Pohlia melanodon</i> P: moist, clay soils (Durham, Yancey*)	Pink-fruited Thread-moss	SR-D		S1?	G4?
<i>Polytrichastrum alpinum</i> M: open areas on rocks or humus (Mitchell)	Alpine Hair Moss	SR-D		S1?	G4G5
<i>Racomitrium aciculare</i> M: wet, shaded, acid rocks (Burke, Jackson, Macon, Transylvania+)	Dark Mountain Fringe Moss	SR-P		S1?	G5
<i>Rhabdoweisia crenulata</i> M: moist rocks in cove forests in humid gorges (Jackson, McDowell)	Himalayan Ribbed-weissia	SR-D		S1	G3G5
<i>Rhachithecium perpusillum</i> PM: bark of hardwoods (Ashe*, Cleveland*, Iredell*, McDowell*, Mecklenburg*, Surry*, Watauga*, Wilkes*)	Budding Tortula	SR-D		S1S2	G4G5
<i>Rhytidiadelphus subpinnatus</i> M: damp to wet substrates in swamps and moist forests, along streams, spray of waterfalls (Macon)	A Moss	SR-T		S1?	GU
<i>Rhytidium rugosum</i> M: high elevation rocky summits, grassy balds, glades, over mafic rocks (Ashe, Avery, Buncombe*, Caldwell, Mitchell, Watauga, Yancey*)	Golden Tundra-moss	SR-P		S2	G5
<i>Schlotheimia lancifolia</i> M: on bark of hardwoods in cove forests (Clay, Graham, Jackson, Macon, Transylvania)	Highlands Moss	SR-O		S1	G2
<i>Scopelophila cataractae</i> MP: copper-rich soils (Burke, Cabarrus, Davidson, Jackson, McDowell, Montgomery, Rowan)	Agoyan Cataract Moss	SR-D		S1	G3
<i>Scopelophila ligulata</i> MP: copper-rich soils and rock faces (Burke, Cabarrus, Clay*, Graham, Haywood, Jackson*, Macon, McDowell, Rowan, Swain, Transylvania)	Copper Moss	SR-O		S1	G5?
<i>Sphagnum angustifolium</i> M: bogs (Alleghany, Ashe, Jackson, Mitchell, Transylvania, Watauga)	Narrowleaf Peatmoss	SR-D		S1	G5
<i>Sphagnum capillifolium</i> M: bogs, heath bald (Ashe, Avery*, Burke, Caldwell*, Henderson*, Jackson, Macon*, Watauga)	Northern Peatmoss	SR-P		S1	G5
<i>Sphagnum contortum</i> M: bogs (Ashe, Burke, Watauga)	Contorted Peatmoss	T		S1	G5
<i>Sphagnum fallax</i> CM: bogs (Ashe, Avery, Brunswick*, Burke, Catawba, Columbus*, Jackson, McDowell)	Pretty Peatmoss	SR-P		S2	G5
<i>Sphagnum flavicomans</i> M: spray cliff, spruce-fir forest, or high elevation rocky summit (Macon*, Mitchell*)	Peatmoss	SR-T		SH	G3

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<i>Sphagnum flexuosum</i> M: bogs (Jackson, McDowell, Watauga)	Flexuous Peatmoss	SR-P		S1	G5
<i>Sphagnum fuscum</i> M: bogs (Ashe, Watauga)	Brown Peatmoss	SR-P		S1	G5
<i>Sphagnum pylaesii</i> M: seepage cliffs, natural pools (Burke, Jackson)	Simple Peatmoss	SR-D		S1	G4
<i>Sphagnum russowii</i> M: bogs (Bertie, Macon*, Watauga)	Russow's Peatmoss	SR-D		S1	G5
<i>Sphagnum squarrosum</i> M: spray zones of waterfalls, seepage in spruce-fir forests (Burke, Macon, Watauga*, Yancey)	Squarrose Peatmoss	SR-P		S1	G5
<i>Sphagnum subsecundum</i> M: bogs and rock ledges (Ashe, Avery, Burke+, Catawba, Haywood*, Jackson, Macon, McDowell, Mitchell, Swain+, Transylvania, Wake, Watauga)	Orange Peatmoss	SR-P		S1	G5
<i>Sphagnum tenellum</i> M: high elevation granitic domes (Jackson)	Delicate Peatmoss	SR-D		S1	G5
<i>Sphagnum torreyanum</i> C: beaver ponds and old mill ponds on blackwater creeks (Craven, Dare, Harnett*, Jones, Richmond, Scotland, Tyrrell)	Giant Peatmoss	SR-P		S1	G3G4
<i>Sphagnum warnstorffii</i> M: bogs and fens (Alleghany, Burke, McDowell, Watauga)	Fen Peatmoss	SR-D		S1	G5
<i>Splachnum pennsylvanicum</i> M: bogs (Avery*, Macon*)	Southern Dung Moss	SR-O		SH	G4?
<i>Syrrhopodon incompletus</i> T: on treetrunks in maritime forests (Brunswick*)	Cuban Schliessmund	SR-P		S1	G5
<i>Taxiphyllum alternans</i> M: on limestone in spray zones of waterfalls (Macon*)	Japanese Yew-moss	SR-O		S1	G3?
<i>Taxiphyllum cuspidifolium</i> M: on limestone in spray zones of waterfalls (Macon*)	A Moss	SR-T		S1	G2G4
<i>Tetradontium brownianum</i> M: shady recesses of rock overhangs (Jackson, Transylvania)	Little Georgia	SR-T		S1	G3G4
<i>Tortula ammonsiana</i> M: shaded rock faces, probably with nutrient-rich seepage (Jackson)	Ammons's Tortula	SR-O		S1	G1
<i>Tortula fragilis</i> M: shaded rock faces, probably with nutrient-rich seepage (Jackson*)	Fragile Tortula	SR-D		S1	G5
<i>Tortula papillosa</i> PM: bark of hardwoods (Davie*, Haywood, Madison*, Orange, Surry*, Watauga)	Papillose Tortula	SR-P		S1	G5

Scientific Name Region: Habitat Comments (Counties of Occurrence)	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global
<i>Tortula plinthobia</i> CMP: calcareous rocks, concrete or mortared walls (Carteret, Craven*, Madison*, Wake*)	A Chain-teeth Moss	SR-O		S1?	G4G5
<i>Warnstorfia fluitans</i> M: in spray zones of waterfalls (Avery, Jackson*, Transylvania*)	Floating Sickie-moss	SR-D		S1	G5
<i>Weissia ludoviciana</i> CP: moist soil, fields, among grasses, roadside banks (Durham*, Johnston*, Sampson*)	A Moss	SR-T		S1?	G3G4
<i>Weissia sharpii</i> P: calcareous rock, cedar-oak bluffs, cedar barrens (Davidson, Rutherford)	A Moss	SR-O		S1?	G3
<i>Zygodon viridissimus var. 1</i> M: bark of hardwoods in dry oak-hickory forests (Alleghany*)	A Moss	SR-L		SH	GU
<u>Liverworts</u>					
<i>Acrobolbus ciliatus</i> 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*)	A Liverwort	SC-V		S1	G3?
<i>Anastrophyllum saxicola</i> M: high elevation rocky summits (Mitchell*)	A Liverwort	SR-D		S1	G3G4
<i>Aneura sharpii</i> MP: in spray zones of waterfalls (Durham*, Jackson*, Macon*, McDowell, Swain, Watauga)	A Liverwort	SR-T		S1	G1G2
<i>Barbilophozia barbata</i> M: on high elevation rocky summits (Ashe, Wilkes*)	A Liverwort	SR-D		S1	G4?
<i>Barbilophozia hatcheri</i> M: on high elevation rocky summits (Ashe, Yancey*)	A Liverwort	SR-D		S1	G5
<i>Bazzania nudicaulis</i> M: on bark of Fraser Fir or on shaded rock in spruce-fir forests (Avery, Buncombe*, Caldwell, Mitchell, Swain, Watauga, Yancey)	A Liverwort	SR-T		S2	G2G3
<i>Cephalozia connivens var. bifida</i> C: moist riverbank (New Hanover*, Pender*)	A Liverwort	SR-T		S1	G5T1Q
<i>Cephalozia macrostachya ssp. australis</i> M: on moist rocks in humid gorges (Burke*, Macon*)	A Liverwort	SR-T		S1	G4T1
<i>Cephalozia pleniceps var. caroliniana</i> M: edge of stream (Transylvania*)	A Liverwort	SR-L		S1	G5T1
<i>Cephalozia pleniceps var. pleniceps</i> M: moist soil near a spring (Yancey*)	A Liverwort	SR-D		SH	G5T5

Scientific Name Region: Habitat Comments (Counties of Occurrence)	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global
<i>Cephaloziella hampeana</i> M: fens (Ashe*, Rutherford)	A Liverwort	SR-D		S1	G5
<i>Cephaloziella spinicaulis</i> M: in crevices of high elevation rocky summits (Alleghany*, Ashe*, Haywood, Macon, Madison, McDowell)	A Liverwort	SR-P		S1	G3G4
<i>Cheilolejeunea evansii</i> M: on bark of hardwoods in humid gorges (Jackson, Transylvania)	A Liverwort	SR-L		S1	G1
<i>Cheilolejeunea myriantha</i> MC: on tree bark in sandhills or mountain forests (Sampson*, Transylvania*)	A Liverwort	SR-P		SH	G3G4
<i>Cheilolejeunea rigidula</i> CT: on bark in maritime forests, and in blackwater swamp forests (Brunswick, Columbus*, Hyde*)	A Liverwort	SR-P		S2	G5
<i>Chiloscyphus appalachianus</i> M: on rock faces in spray zone of waterfalls (Burke, Cherokee+, Graham, Jackson, Macon, McDowell)	A Liverwort	SC-V		S1	G1G2Q
<i>Chiloscyphus muricatus</i> M: on rocks or bark in humid gorges (Burke, Jackson, Macon*, Transylvania)	A Liverwort	SC-V		S1	G5
<i>Cololejeunea ornata</i> M: on bark of trees, sometimes over other liverworts	A Liverwort	SR-T		SH	G2G4
<i>Cylindrocolea rhizantha</i> C: on marl outcrops (Columbus*)	A Liverwort	SR-P		SH	G3?
<i>Diplophyllum apiculatum</i> var. <i>taxifolioides</i> M: moist soil or rocks (Ashe*, Burke*, Haywood*, McDowell, Mitchell*)	A Liverwort	SR-L		S1	G5T2Q
<i>Diplophyllum obtusatum</i> M: on rock outcrops (Buncombe*, Burke*, McDowell*)	A Liverwort	SR-D		S1	G2?
<i>Diplophyllum taxifolium</i> var. <i>mucronatum</i> M: high elevation rocky summits (Haywood*, Jackson*, Transylvania*)	A Liverwort	SR-L		S1	G5T1
<i>Drepanolejeunea appalachiana</i> M: on moist rock, rhododendron bark, and rhododendron leaves in humid gorges (Burke, Clay*, Jackson, Macon, Transylvania*)	A Liverwort	SC-V		S1	G2?
<i>Frullania appalachiana</i> M: on bark of hardwoods in spruce-fir forests (Avery*, Burke, Clay*, Haywood*, Jackson*, Macon*, Rutherford)	A Liverwort	SR-L		S1?	G1?
<i>Frullania donnellii</i> C: on bark of Ilex in marshes (Carteret*, Craven*)	A Liverwort	SR-T		SH	G3?

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		N.C.	U.S.	N.C.	Global
<i>Lejeunea bermudiana</i> C: on marl outcrops or on decaying logs in blackwater swamps, or tree bases in swamps (Brunswick*, Carteret*, Columbus*, Craven)	A Liverwort	SR-P		S1	G3G4
<i>Lejeunea blomquistii</i> M: on dead tree bark or vertical rock faces in spray zone of waterfalls (Burke, Jackson, Macon*, McDowell, Transylvania)	A Liverwort	SC-V		S1	G1G2
<i>Lejeunea cavifolia</i> M: on shaded mafic rocks (Ashe*, Polk*, Swain)	A Liverwort	SR-P		S1	G5
<i>Lejeunea dimorphophylla</i> TC: on bark in maritime forests (Carteret*)	A Liverwort	SR-L		S1	G2G3
<i>Lejeunea glaucescens</i> var. <i>acrogyna</i> C: Endemic to one historical location on shaded rock at the piedmont/coastal plain fall line (Harnett*)	Raven Rock Liverwort	SR-L		SX	G5TH
<i>Leptoscyphus cuneifolius</i> M: on bark of Fraser Firs or on moist rock, in spruce-fir forests (Haywood*, Jackson*, Mitchell*, Swain, Yancey)	A Liverwort	SR-D		S2	G4G5
<i>Lopholejeunea muelleriana</i> C: on bark of gums and cypresses in blackwater swamp forests (Columbus*)	A Liverwort	SR-D		SH	G4G5
<i>Lophozia excisa</i> M: on high elevation rocky summits (Ashe*)	A Liverwort	SR-D		S1	G5
<i>Lophozia heterocolpos</i> M: on high elevation rocky summits (Ashe)	A Liverwort	SR-D		S1	G5
<i>Mannia californica</i> M: on mineral-rich, dry rock outcrops (Jackson*, McDowell+, Polk*, Rutherford)	A Liverwort	SR-T		S1	G3?
<i>Marsupella emarginata</i> var. <i>latiloba</i> M: on moist rocks in humid gorges, spray zones of waterfalls, or high elevations (Burke, Haywood*, Jackson*, Macon*, McDowell*, Mitchell*, Transylvania*)	A Liverwort	SR-L		S1	G5T1T2
<i>Marsupella funckii</i> M: on high elevation, sulphur-bearing rock (Swain*)	A Liverwort	SR-D		S1	G4G5
<i>Metzgeria temperata</i> M: Fraser fir forests and hemlock forests (Avery, Caldwell, Clay*, Haywood, Jackson*, Macon*, Mitchell, Swain, Transylvania, Watauga, Yancey)	A Liverwort	SR-D		S1S2	G4
<i>Metzgeria violacea</i> M: bark of trees (Haywood, Jackson)	A Liverwort	SR-D		S1S2	GNR
<i>Mylia taylorii</i> M: moist rock outcrops at high elevations, spray zone of waterfalls (Avery, Caldwell, Jackson, Watauga)	A Liverwort	SR-D		S1	G5
<i>Nardia scalaris</i> ssp. <i>botryoidea</i> P: exposed rock ledges sometimes wet from seepage (Burke)	A Liverwort	SR-O		S1	G5T1

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		N.C.	U.S.	N.C.	Global
<i>Nardia scalaris ssp. scalaris</i> M: on high elevation rocky summits and on moist rocks in spruce-fir forests (Buncombe, Haywood*)	A Liverwort	SR-D		S1	G5T5
<i>Plagiochasma intermedium</i> M: on moist limestone	A Liverwort	SR-O		S1	G3G5
<i>Plagiochasma wrightii</i> M: on moist calcareous rocks (McDowell, Rutherford)	A Liverwort	SR-D		S1	G3?
<i>Plagiochila austinii</i> M: moist rocks (Avery, Burke, Jackson, Macon*, Madison)	A Liverwort	SR-T		S1S2	G3
<i>Plagiochila caduciloba</i> M: rocks and streambanks in humid gorges, spray zone of waterfalls (Burke, Clay*, Graham, Haywood*, Jackson, Macon, McDowell*, Transylvania, Yancey*)	A Liverwort	SR-T		S2	G2
<i>Plagiochila corniculata</i> M: on bark of Fraser Firs in spruce-fir forests, rarely on hardwoods (Avery, Buncombe*, Haywood*, Jackson*, Mitchell, Swain, Transylvania*, Yancey)	A Liverwort	SR-D		S2	G4?
<i>Plagiochila dubia</i> CP: on bark at bases of trees in swamps (Brunswick, Columbus*)	A Liverwort	SR-P		S1	G4G5
<i>Plagiochila echinata</i> M: rocks and streambanks in humid gorges, spray zone of waterfalls (Graham, Jackson, Macon*, Transylvania)	A Liverwort	SR-L		S1	G2Q
<i>Plagiochila ludoviciana</i> CPM: on bark or moist rock in swamps and mountain gorges (Bladen, Brunswick*, Burke, Cherokee*, Clay*, Craven, Durham*, Jackson*, Macon*, McDowell, Onslow, Orange, Rutherford*, Stokes*, Transylvania, Washington*, Yadkin*)	A Liverwort	SR-P		S1	G5
<i>Plagiochila miradorensis var. miradorensis</i> T: on bark in maritime forests and swamps (Carteret*)	A Liverwort	SR-P		SH	G4T4
<i>Plagiochila sharpii</i> M: damp rock faces in humid gorges, high elevation rocky summits (Graham, Haywood*, Jackson, Macon, Transylvania, Yancey*)	A Liverwort	SR-L	FSC	S2	G2G4
<i>Plagiochila sullivantii var. spinigera</i> M: on moist rocks in spray zones of waterfalls (Burke*, Jackson*)	A Liverwort	SR-L	FSC	S1	G2T1
<i>Plagiochila sullivantii var. sullivantii</i> 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*)	A Liverwort	SR-T	FSC	S2	G2T2
<i>Plagiochila virginica var. caroliniana</i> M: moist rock faces, including spray zone of waterfalls (Avery*, Graham+, Jackson*, Macon*, Transylvania*)	A Liverwort	SR-T	FSC	S1	G3T2

Scientific Name Region: Habitat Comments (Counties of Occurrence)	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global
<i>Plagiochila virginica</i> var. <i>virginica</i> CM: on limestone (Ashe, Jackson, Martin*, McDowell, Pitt*, Wilkes*)	A Liverwort	SR-L		S1	G3T3
<i>Porella wataugensis</i> M: on rocks in humid gorges (Burke, Graham, Macon, McDowell, Transylvania, Watauga*)	A Liverwort	SR-L	FSC	S1	G1G2Q
<i>Ptilidium ciliare</i> M: on soil in high elevation forests (Mitchell+)	A Liverwort	SR-D		S1	G5
<i>Radula voluta</i> M: on moist rocks in spray zones of waterfalls (Macon)	A Liverwort	SR-D		S1	G3
<i>Riccardia jugata</i> M: on fallen logs in humid areas, especially gorges (Graham, Haywood, Macon*)	A Liverwort	SR-L		S1?	G2
<i>Scapania mucronata</i> M: high elevation rocky summits (Ashe*)	A Liverwort	SR-D		S1	G5
<i>Sphenolobopsis pearsonii</i> M: on bark of Fraser Firs in spruce-fir forests (Avery, Caldwell, Haywood, Jackson, Mitchell, Swain, Watauga, Yancey)	A Liverwort	SR-O	FSC	S2	G2?
<i>Tritomaria exsectiformis</i> ssp. <i>exsectiformis</i> M: on high elevation rocky summits (Ashe*)	A Liverwort	SR-D		SH	G5T5
<u>Hornworts</u>					
<i>Aspiromitus appalachianus</i> M: on rocks on streambeds (Transylvania*)	A Hornwort	SR-L	FSC	S1	G1
<u>Lichens</u>					
<i>Anaptychia crinalis</i> M: high elevation rocky summits and exposed tree twigs on dry ridges (Mitchell)	Hanging Fringe Lichen	SR-D		S1	G3G4
<i>Anzia americana</i> M: on bark of trees in humid gorges (Transylvania*)	A Black-foam Lichen	SR-T		S1	G3G5
<i>Anzia ornata</i> C: on bark of deciduous trees where humidity is fairly high (Duplin*)	A Black-foam Lichen	SR-T		SH	G1G3
<i>Canoparmelia amabilis</i> M: on bark of trees in open woods or on sandstone in river gorges (Polk, Transylvania)	Worthy Shield Lichen	SC-V	FSC	S1	G1
<i>Cetraria arenaria</i> M: high elevation rocky summits, sandy soil, or thin soil over bedrock (Ashe, Avery, Watauga)	Sand-loving Iceland Lichen	SC-V		S2	G4

Scientific Name Region: Habitat Comments (Counties of Occurrence)	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global
<i>Cetrelia cetrarioides</i> 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*)	Sea Storm Lichen	SR-D		S2	G4G5
<i>Cladonia psoromica</i> M: rock outcrops and fens and glades over amphibolite rock (Ashe)	Bluff Mountain Reindeer Lichen	T	FSC	S1	G1
<i>Ephebe americana</i> M: high elevation rocky summits (Caldwell*, Haywood*, Jackson*)	A Rockshag Lichen	SR-T		S1	G2G3
<i>Ephebe lanata</i> MP: on rocks in rapidly flowing water and grottoes around mountain spray cliffs (Jackson*, Macon*, Stokes*, Transylvania*)	Rockshag Lichen	SR-D		S1	G5
<i>Gymnoderma lineare</i> M: high elevation rock outcrops, outcrops in humid gorges (Ashe, Avery, Buncombe, Burke, Graham, Haywood, Jackson, Macon, Mitchell, Rutherford, Swain, Transylvania, Yancey)	Rock Gnome Lichen	E	E	S3	G3
<i>Heterodermia appalachensis</i> MP: hardwood bark or rock faces, possibly associated with old growth forests	Appalachian Fringe Lichen	SR-O		S1S2	G2?
<i>Hypotrachyna sinuosa</i> M: on twigs or small branches in humid but open forests	Green Loop Lichen	SR-D		S1	G3G5
<i>Hypotrachyna virginica</i> M: on twigs or rocks in open forests at high elevations	Virginia Loop Lichen	SR-T		S1S2	G1G2
<i>Lobaria scrobiculata</i> M: on bark of hardwoods at high elevations (primarily spruce-fir zone) (Buncombe*)	Textured Lungwort	SR-P		S2?	G4
<i>Melanelia stygia</i> M: high elevation rocky summits (Avery, Buncombe, Macon, McDowell, Mitchell, Yancey)	Alpine Camouflage Lichen	SR-D		S1S2	G4G5
<i>Pannaria conoplea</i> M: on bark at high elevations (Buncombe, Haywood, Henderson, Macon)	Mealy-rimmed Shingle Lichen	SR-D		S1	G3G4
<i>Physcia pseudospeciosa</i> M: mossy rocks in open woods and high elevation granitic and sandstone rock outcrops (Jackson)	A Rosette Lichen	SR-T		S1	G1G2
<i>Porpidia diversa</i> M: high elevation rocky summits	Boulder Lichen	SR-T		S1	G2G3
<i>Porpidia herteliana</i> M: high elevation rocky summits	Boulder Lichen	SR-T		S1?	G2G3
<i>Sticta limbata</i> M: on bark and over mosses on trees and rocks	Powdered Moon Lichen	SR-D		S1	G3G4

Scientific Name	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global
Region: Habitat Comments (Counties of Occurrence)					
<i>Teloschistes flavicans</i>	Sunrise Lichen	SR-P		S1	G4G5
C: on branches of trees and shrubs or on the ground in open areas, especially near the coast (Brunswick, Carteret, Onslow)					
<i>Usnea angulata</i>	Old Man's Beard	SR-P		S1	G3G5
M: on branches of juniper on high elevation granitic domes (Jackson, Macon, Swain*)					
<i>Xanthoparmelia monticola</i>	A Rock-shield Lichen	SR-L		S2?	G2?
MP: high elevation rocky summits and mafic glades (Buncombe*, Haywood*, Jackson*, Mitchell*, Montgomery, Transylvania*)					

NORTH CAROLINA PLANT WATCH LIST

The *North Carolina Plant Watch List* includes plant species which are rare or otherwise threatened with serious decline, but for which current information does not justify placement on the main list (E, T, C, SR, or SC). Watch List species can be indicators of significant habitats, and their presence should be considered in planning natural area protection efforts, though with less weight than higher priority rare species and natural communities. The NC NHP maintains paper files on these species, but does not include them in its GIS maps and database files. Plants placed on this list fall into a number of categories, discussed below. NC NHP requests additional information about these species, in order to clarify their status and reclassify them into other appropriate categories.

Reasons for the current placement of rare species on the Watch List rather than at a higher rarity status (Endangered, Threatened, Candidate, or Significantly Rare) vary. The taxonomic validity of some of these species is currently in doubt. For others, NC NHP lacks adequate documentation of their historic or present occurrence in North Carolina. Others are known to be rare in North Carolina, but it appears that they are not native to the state. For most species, however, their actual rarity is poorly known and we are requesting more data before such species receive a higher, and more formal, rarity status. A field survey form is provided in the back of this document. We request that people fill out this survey form and mail it to NC NHP after visiting occurrences of these species.

The Watch List has been divided into seven categories as follows. A list of potential "New-to-North Carolina" species is located after the Watch List.

Watch Category 1 (W1 - rare, but relatively secure) includes rare species whose status in North Carolina is relatively well known and which 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 main list (E, T, C, SR, or SC). Many of these species were formerly on the main list; they are retained in this category because they require a lower level of continued monitoring to ensure their long-term security. NC NHP maintains paper files on W1 species and requests occurrence data.

Watch Category 2 (W2 - rare, but taxonomically questionable) includes species with questionable taxonomy, 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 Plant List as Endangered, Threatened, Candidate, or Significantly Rare. This category has been used for named and unnamed taxa which currently appear to have some significant chance of being proven valid. We request data on taxonomic validity, as well as data on localities and populations.

Watch Category 3 (W3 - rare, but uncertain documentation) includes species which have been reported from North Carolina without adequate documentation. These species should be listed at a higher level when their reported occurrence in North Carolina 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. We request data documenting native occurrence in North Carolina, as well as locality and population data.

Watch Category 4 (W4 - rare, but believed not native) includes species known to occur in North Carolina which current data suggest are not native to North Carolina, but whose native occurrence is plausible. Some of these species were previously listed at a higher level, but field investigations suggest that all known North Carolina occurrences are introductions. We request data documenting the native occurrences of the species in North Carolina.

Watch Category 5a and 5b NC NHP does not actively maintain files on W5 species occurrences.

Watch Category 5a (W5a - rare because of severe decline) includes species which have declined sharply in North Carolina, but which 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 North Carolina, 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 North Carolina.

Watch Category 5b (W5b - exploited plants) These are generally widespread species, at least within their physiographic province, that are in commercial demand and are often collected and sold in high volume. Such high volume collection can cause local extirpation and is not sustainable in the long run. This category has been created to bring attention to the issue before commercial collection of these species reaches the point where they become rare. Not included in this category are species that are already listed in other sections of this rare plant list. The NHP requests information on illegal collection incidents, but does not otherwise maintain files on W5b species occurrences.

Watch Category 6 (W6 - 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. NC NHP does not actively maintain files on W6 species occurrences. The W6 list follows the main Watch list. See that list below for additional discussion.

Watch Category 7 (W7 - rare and poorly known) includes species with inadequate information about their distribution and rarity in North Carolina. These are generally species which have not been previously listed as rare in North Carolina, but which appear to be so, based on herbarium records and field experience of NC NHP staff, consultants, and cooperating scientists. Further information is needed in order to determine the true status of these species in North Carolina. We request locality and population data on these species.

Scientific Name	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global

Region: Habitat Comments (Counties of Occurrence)

NORTH CAROLINA PLANT WATCH LIST

Vascular Plants

<i>Abies fraseri</i>	Fraser Fir	W5A	FSC	S2	G2
M: spruce-fir forests (Ashe, Avery, Buncombe, Caldwell, Clay, Jackson, Mitchell, Swain, Transylvania, Watauga, Yancey)					
<i>Acer nigrum</i>	Black Maple	W7		S1?	G5
M: rich cove forests (Ashe, Macon, Madison, Swain*, Watauga*, Yancey*)					
<i>Actaea podocarpa</i>	Mountain Black-cohosh	W5B		S4	G4
M: rich cove forests and slopes, at moderate to high elevations (Burke, Haywood)					
<i>Actaea racemosa</i>	Common Black-cohosh	W5B		S4	G4
MPC: rich cove forests, other mesic and moderately to very fertile forests (Ashe, Burke, Catawba, Cleveland, McDowell, Rutherford)					
<i>Agalinis aphylla</i>	Scale-leaf Gerardia	W1		S3	G3G4
CS: wet savannas and Sandhills streamhead pocosin ecotones (Brunswick, Carteret, Columbus, Craven, Cumberland, Duplin*, Harnett, Hoke, Jones*, New Hanover*, Onslow, Pender, Richmond)					
<i>Agalinis decemloba</i>	Piedmont Gerardia	W1		S3	G4Q
PMS: dry, open sites (Buncombe*, Burke, Caswell, Durham, Forsyth*, Granville, Harnett, Henderson*, Hoke, Montgomery, Orange, Person, Randolph, Richmond, Rutherford*, Scotland, Stanly, Swain*, Transylvania*, Wake, Warren, Wilkes*)					
<i>Agalinis linifolia</i>	Flaxleaf Gerardia	W1		S3	G4?
C: savannas, clay-based Carolina bays, depression ponds, and other wet, open habitats (Bladen, Brunswick, Carteret*, Columbus, Craven, Cumberland*, Hoke, New Hanover, Onslow, Pender, Robeson, Sampson, Scotland*)					
<i>Agalinis obtusifolia</i>	Blunt-leaf False-foxglove	W1		S2S3	G4G5Q
C: savannas, seepage bogs, and wet ecotones (Bladen, Brunswick, Columbus, Craven, Onslow, Pender)					
<i>Agarista populifolia</i>	Agarista	W3		SNR	G4G5
C: blackwater swamps (Columbus*)					
<i>Aletris farinosa</i>	White-tubed Colicroot	W5B		S5	G5
CPM: pine savannas, pine flatwoods, seepage bogs, upland woodlands, roadbanks (Alleghany, Ashe, Burke, McDowell, Rutherford)					
<i>Allium burdickii</i>	White Ramps	W3		SNR	G4G5
M: northern hardwood forests (Haywood+)					
<i>Allium tricoccum</i>	Red Ramps	W5B		S4	G5
M: cove forests and mesic slope forests (Ashe)					
<i>Amelanchier sanguinea</i>	Roundleaf Serviceberry	W1		S3	G5
M: thin soils around mafic rock outcrops at lower and middle elevations (Buncombe, Burke, Graham, Haywood, Henderson, Jackson, Macon, McDowell, Rutherford, Swain, Transylvania)					

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<i>Amorpha schwerinii</i> P: dry forests (Anson, Burke, Catawba, Cleveland, Davidson, Iredell*, Montgomery, Randolph, Rowan, Rutherford*, Stanly)	Piedmont Indigo-bush	W1		S3	G3G4
<i>Ampelopsis cordata</i> PM: floodplain forests (Anson, Burke, Madison*, Richmond, Wake)	Heartleaf Peppervine	W7		S2	G5
<i>Amphicarpum amphicarpon</i> 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, Wilson*)	Pinebarrens Goober Grass	W1		S3	G4
<i>Andropogon arctatus</i> C: marsh (Pamlico*)	Pinewoods Bluestem	W3		SU	G3
<i>Andropogon perangustatus</i> CS: clay-based Carolina bays, upland depressions (Brunswick, Carteret, Columbus, Cumberland, Harnett, Hoke, Moore, Onslow, Richmond, Sampson, Scotland)	Narrowleaf Bluestem	W1		S2S3	G4
<i>Andropogon tracyi</i> SCP: sandhills, other dry soils (Gates*, Granville*, Harnett*, Hoke, Johnston*, Moore, Richmond, Scotland*)	Tracy's Bluestem	W7		S2	G4?
<i>Andropogon virginicus</i> var. <i>decipiens</i> C: pinelands and disturbed areas (Bertie*, Bladen*, Dare*, Duplin*, Hyde, Martin*, Nash*, Onslow, Pender)	Deceptive Bluestem	W7		S1S2	G5T4
<i>Anemone minima</i> M: forests, openings (Burke)	Dwarf Thimble-weed	W3		S2?	G5T3
<i>Angelica atropurpurea</i> M: roadsides (Alleghany, Haywood*, Wilkes)	Purple-stem Angelica	W4		S2S3	G5
<i>Antennaria howellii</i> ssp. <i>petaloidea</i> M: habitat in North Carolina not known (Rutherford)	A Pussytoes	W7		S1?	G5T4T5
<i>Anthenantia rufa</i> CS: savannas (Bladen, Brunswick, Carteret, Columbus, Craven, Cumberland, Duplin*, Jones, Moore, New Hanover*, Onslow, Pender)	Purple Silkyscale	W1		S2	G5
<i>Arabidopsis lyrata</i> CM: around calcareous or mafic rock outcrops (Alleghany*, Ashe, Avery, Buncombe*, Caldwell, Jackson, Jones*, Madison, McDowell*, Watauga*)	Lyre-leaved Rockcress	W1		S2	G5
<i>Aronia prunifolia</i> M: bogs, seepages, and swamp forests (Ashe, Avery, Burke, Jackson, Macon, McDowell, Watauga)	Purple Chokeberry	W1		S2	G4G5Q
<i>Asclepias longifolia</i> CS: savannas and sandhill seeps (Brunswick, Carteret*, Columbus, Cumberland*, Dare*, Johnston, Onslow, Pender, Pitt)	Longleaf Milkweed	W1		S2S3	G4G5

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<i>Asclepias tomentosa</i> SC: sandhills (Bladen, Cumberland, Harnett, Hoke, Lee, Moore, Richmond, Sampson, Scotland*)	Sandhills Milkweed	W1		S3	G4
<i>Asplenium resiliens</i> MP: calcareous rock outcrops (Avery, Haywood, Jackson*, Macon*, Madison, McDowell, Rutherford*, Stanly*, Swain*, Transylvania, Yadkin)	Blackstem Spleenwort	W1		S2	G5
<i>Athyrium angustum</i> M: rock outcrops and forests at high elevations (Avery*)	Northern Lady Fern	W3		SNR	G5T5
<i>Baccharis angustifolia</i> CT: brackish marshes, shrubby marsh edges (Brunswick, Carteret, Currituck, Dare, Hyde, New Hanover, Onslow, Pender)	Saltwater False-willow	W1		S2	G4
<i>Baptisia albescens</i> MPS: open woodlands, clearings (Anson, Burke*, Chatham*, Cleveland, Iredell*, McDowell, Mecklenburg, Montgomery, Moore, Person*, Polk*, Richmond, Rockingham*, Rowan*, Rutherford, Stanly*, Stokes, Surry*, Transylvania*, Union)	Thin-pod White Wild Indigo	W1		S3	G4
<i>Bartonia paniculata ssp. paniculata</i> 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)	Twining Screwstem	W1		S2S3	G5T5
<i>Bartonia verna</i> C: savannas, limesink ponds (Bladen*, Brunswick, Carteret, New Hanover*, Onslow, Pender)	White Screwstem	W1		S2	G5?
<i>Bidens mitis</i> CM: freshwater marshes, brackish marshes, and mountain bogs (Brunswick*, Buncombe*, Chowan*, Dare, Jackson)	Coastal Plain Tickseed	W7		S2?	G4?
<i>Bigelowia nudata ssp. australis</i> C: wet depressions and limesink ponds (Carteret)	Rayless-goldenrod	W7		S1	G5T4T5
<i>Boechera burkii</i> M: dry, rocky calcareous areas and shale barrens (Madison*)	Porter's Rockcress	W7		SH	G5T3T5
<i>Boykinia aconitifolia</i> M: stream banks, meadows, and seepage slopes (Alleghany, Ashe, Avery, Burke, Jackson*, Macon, Mitchell*, Transylvania, Wilkes*)	Brook Saxifrage	W7		S3	G4
<i>Bromus nottowayanus</i> P: rich woods (Buncombe, Henderson, Madison, Polk, Rockingham*, Surry*)	Nottoway Valley Brome	W7		S1?	G3G5
<i>Burmannia biflora</i> CS: limesinks, cypress savannas, and sandhill seeps (Beaufort*, Bladen, Brunswick, Carteret, Cumberland, Dare*, Harnett*, Hoke, Moore, New Hanover*, Onslow, Pender, Pitt, Scotland)	Northern Bluethreads	W1		S2S3	G4G5

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<i>Calamovilfa brevipilis</i> CS: savannas, sandhill seeps (Brunswick, Carteret, Columbus*, Craven, Cumberland, Duplin*, Harnett, Hoke, Johnston*, Montgomery, Moore, Nash, New Hanover, Onslow, Pender, Pitt, Richmond, Sampson*, Scotland)	Pinebarren Sandreed	W1		S3	G4
<i>Calycanthus floridus var. floridus</i> PM: mesic to dry forests (Alexander*, Avery*, Cherokee*, Davidson, Durham*, Jackson*, Randolph, Stanly*, Stokes*, Transylvania*)	Eastern Sweetshrub	W7		S2?	G5T4
<i>Calystegia spithamea ssp. stans</i> MP: shale barrens and woodlands (Burke*, Forsyth*, Henderson, Orange*, Rowan*)	Shale Barren Bindweed	W1		S2S3	G4G5TNR
<i>Carex albursina</i> M: rich cove forests, over mafic or calcareous rocks (Ashe, Buncombe, Graham, Haywood*, Macon, Madison*, Mitchell*, Rutherford, Transylvania, Yancey)	White Bear Sedge	W7		S2	G5
<i>Carex biltmoreana</i> M: cliffs, outcrops, and granitic domes (Buncombe, Haywood, Henderson, Jackson, Macon, McDowell, Polk, Rutherford, Transylvania)	Biltmore Sedge	W1		S3	G3
<i>Carex bromoides ssp. montana</i> M: bogs, moist areas along streams, seepages in coves (Ashe, Avery*, Buncombe*, Haywood, Henderson, Macon, Rutherford*, Transylvania, Watauga)	Blue Ridge Brome Sedge	W7		S3?	G5T3?
<i>Carex chapmanii</i> C: moist bottomlands and slopes, perhaps associated with marl (Bladen*, Brunswick*, Carteret, Columbus, Craven, Gates, Jones, New Hanover*, Onslow, Pender)	Chapman's Sedge	W1		S3	G3
<i>Carex collinsii</i> SM: white cedar swamps, bogs (Cumberland, Harnett, Henderson, Hoke, Lee, Moore, Richmond, Scotland, Transylvania)	Collins's Sedge	W1		S3	G4
<i>Carex echinata ssp. echinata</i> M: bogs and seeps (Alleghany, Ashe, Avery, Clay, Henderson, Jackson, Macon, Transylvania, Watauga, Wilkes*, Yancey)	Star Sedge	W1		S2S3	G5T5
<i>Carex festucacea</i> 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)	Fescue Sedge	W7		S2?	G5
<i>Carex gholsonii</i> C: along creeks and springs (Craven, Jones, Pender)	Gholson's Sedge	W7		S1S2	G4G5
<i>Carex granularis</i> PC: piedmont bottomlands, coastal plain marl forests (Bladen*, Caswell*, Craven*, Durham*, Granville*, Guilford*, Jones, Mecklenburg*, Orange*, Pender, Person*, Rowan*, Stokes*, Wilson*)	Limestone Meadow Sedge	W7		S1?	G5
<i>Carex hyalinolepis</i> C: marshes (Beaufort*, Brunswick, Carteret, Craven, Hyde*, New Hanover, Perquimans*, Richmond, Warren*)	Shoreline Sedge	W1		S2	G4G5

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<i>Carex leavenworthii</i> PM: dry woods (Durham*, Lee, Madison*, Randolph*, Richmond, Rutherford, Warren*)	Leavenworth's Sedge	W7		S1	G5
<i>Carex leptoneuria</i> M: rich cove forests and seepage slopes (Alleghany, Avery*, Buncombe, Cherokee, Clay*, Graham, Haywood, Henderson, Jackson, Macon, Madison*, Swain*, Transylvania, Watauga, Yancey)	A Wood Sedge	W1		S3	G4
<i>Carex lucorum</i> var. <i>australucorum</i> M: medium to high elevation forests, especially over calcareous or mafic rocks (Alleghany, Ashe, Buncombe*, Clay*, Jackson, Macon*, Swain*, Transylvania*, Watauga*)	Appalachian Woodland Sedge	W7		S2?	G4T3T5
<i>Carex manhartii</i> M: rich cove forests (Ashe, Avery, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Swain, Transylvania)	Manhart's Sedge	W1		S3	G3G4
<i>Carex misera</i> M: high elevation rock outcrops (Ashe, Avery, Buncombe, Burke, Clay, Haywood, Henderson, Jackson, Macon, Mitchell, Swain, Transylvania, Watauga, Yancey)	Wretched Sedge	W1		S3	G3
<i>Carex mitchelliana</i> 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*)	Mitchell's Sedge	W1		S2	G4
<i>Carex oklahomensis</i> M: seeps (Graham)	Oklahoma Sedge	W7		S1	G4
<i>Carex physorhyncha</i> CP: somewhat shaded dry to mesic woods (Columbus, Duplin, Edgecombe, Halifax, Harnett, Jones, Macon, Moore, Pender, Richmond, Washington)	Bellow's-beak Sedge	W1		S2S3	G5T5
<i>Carex ruthii</i> M: seeps and bogs (Ashe, Avery, Buncombe*, Clay*, Graham*, Haywood, Jackson*, Macon, Mitchell*, Swain*, Transylvania*, Watauga, Yancey*)	Ruth's Sedge	W1		S3	G3
<i>Carex sparganioides</i> MP: rich cove forests (Alleghany*, Ashe*, Jackson*, Macon, Madison*, Mitchell*, Randolph*)	Bur-reed Sedge	W7		S2?	G5
<i>Carex tenera</i> P: low woods (Cabarrus, Durham*, Richmond)	Quill Sedge	W7		S1?	G5
<i>Carex turgescens</i> S: seepage bogs (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	Pinebarren Sedge	W1		S3	G4G5
<i>Celtis occidentalis</i> CMP: rocky woodlands and mafic cliffs (Buncombe*, Burke, Caswell, Durham, Haywood, Jackson*, Macon*, Madison, McDowell, Polk, Rutherford, Swain*, Warren*, Yancey*)	Mountain Hackberry	W7		S2	G5

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<i>Cerastium nutans</i> MP: alluvial forests, bottomlands, moist forests (Ashe*, Buncombe, Clay, Macon, Mitchell, Rockingham*, Transylvania)	Nodding Chickweed	W7		S3?	G5
<i>Ceratophyllum echinatum</i> CT: pools, lakes, and estuaries (Beaufort*, Brunswick*, Dare*, Perquimans*, Richmond, Wayne*)	Prickly Hornwort	W7		S2	G4?
<i>Chamaelirium luteum</i> MPSC: rich, mesic, wooded coves and slopes; and moist slopes, bottomlands, wet savannas (Burke, Catawba, Cleveland, McDowell, Orange, Rutherford)	Devil's-bit	W5B		S5	G5
<i>Chasmanthium sessiliflorum</i> CMP: hardwood forests (Anson, Bertie*, Bladen, Brunswick*, Craven*, Cumberland, Davidson, Gates*, Graham, Harnett, Jones, Martin, Montgomery, Moore, Onslow, Pender, Polk, Richmond, Rowan, Stanly)	Longleaf Spikegrass	W1		S2S3	G5
<i>Chrysopogon pauciflorus</i> C: sandhills (New Hanover*)	Goldenbeard	W4		S1	G4G5
<i>Chrysopsis trichophylla</i> C: xeric sandhills and sandhill scrub (Bladen, New Hanover, Pender, Sampson)	Naked Golden-aster	W7		S2	G5T5
<i>Chrysosplenium americanum</i> M: seeps (Ashe, Avery, Haywood, Jackson, Macon, Madison*, Mitchell, Polk*, Swain, Transylvania, Watauga*, Wilkes*, Yancey)	Golden Saxifrage	W1		S3	G5
<i>Cinna latifolia</i> M: high elevation forests and openings (Buncombe*, Graham, Haywood, Macon*, Mitchell*, Swain*, Watauga*, Yancey*)	Slender Wood-reed	W7		S1S2	G5
<i>Cladrastis kentukea</i> M: forests (Cherokee*, Clay, Graham*, Haywood, Macon, Madison, Swain*)	Yellowwood	W7		S2S3	G4
<i>Cleistesiosis bifaria</i> 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)	Small Spreading Pogonia	W1		S2	G4?
<i>Cleistesiosis divaricata</i> C: pine savannas (Brunswick, Carteret, Columbus, Hoke, Moore, Onslow, Pender)	Spreading Pogonia	W1		S3	G4
<i>Cleistesiosis oricamporum</i> C: Savannas (Brunswick)	Small Coastal Plain Spreading Pogonia	W7		S2	G3?
<i>Coelorachis rugosa</i> 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)	Wrinkled Jointgrass	W1		S3	G5

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<i>Comptonia peregrina</i> CMPS: open dry sites, often fire-maintained (Alleghany, Burke, Caldwell, Henderson, Hoke, Johnston*, Lee*, McDowell*, Moore, Transylvania, Wake*)	Sweet Fern	W1		S3	G5
<i>Corallorhiza odorhiza</i> 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*, Warren*, Watauga*, Yancey)	Autumn Coral-root	W1		S4?	G5
<i>Coreopsis delphiniifolia</i> P: dry woodlands (not yet documented in North Carolina)	Larkspur Coreopsis	W3		SNR	G3?Q
<i>Coreopsis latifolia</i> M: cove forests and other rich woods (Avery, Buncombe, Caldwell, Haywood, Henderson, McDowell, Mitchell, Polk, Rutherford, Yancey)	Broadleaf Coreopsis	W1		S3	G3
<i>Coreopsis pubescens</i> var. <i>robusta</i> MP: rich woodlands, glades, outcrops (Alleghany*, Ashe*, Cherokee*, Clay*, Haywood*, Iredell*, Jones*, Macon, Polk*, Rutherford, Watauga*)	Blue Ridge Coreopsis	W7		S2?	G5?T3?
<i>Crataegus aestivalis</i> C: swamp forests (Brunswick*, Columbus*, Craven*, Duplin, Onslow*, Pender, Sampson, Wayne*)	May Hawthorn	W1		S2	G5
<i>Crataegus schuettei</i> M: mesic hardwood forests (Graham, Macon)	Schuette's Hawthorn	W1		S2?	G5?
<i>Crataegus spathulata</i> CPM: bottomlands (Anson, Ashe, Bladen*, Columbus, Cumberland, Davidson, Macon*, Stanly)	Littlehip Hawthorn	W1		S1S2	G5
<i>Cuthbertia rosea</i> P: dry woodlands (Cleveland*, Rutherford)	Roseling	W7		S1?	G5
<i>Cymophyllus fraserianus</i> M: forests (Ashe, Avery, Caldwell, Clay, Graham, Haywood*, Jackson, Macon, McDowell*, Mitchell*, Swain, Watauga, Wilkes, Yancey*)	Fraser's Sedge	W1		S3	G4
<i>Cynanchum laeve</i> C: bottomlands and disturbed areas (Bertie, Halifax*, Northampton*, Warren*)	Smooth Swallowwort	W7		S1	G5
<i>Cyperus distans</i> C: marshes (New Hanover*)	A Flatsedge	W4		SH	G5
<i>Cyperus houghtonii</i> P: dry soil	Houghton's Flatsedge	W3		SH	G4?
<i>Cyperus odoratus</i> var. <i>engelmannii</i> C: alluvial and other damp to wet soils (Brunswick, New Hanover)	Engelmann's Flatsedge	W7		S1	G5T4

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<i>Cyperus squarrosus</i> P: granite flatrocks, other rock outcrops (Durham*, Franklin*, Rowan*, Rutherford)	Awne d Flatsedge	W7		S2	G5
<i>Cyperus surinamensis</i> C: Marshes, pond edges, disturbed wet areas (Dare)	Tropical Flatsedge	W4		S1	G5
<i>Cypripedium parviflorum var. pubescens</i> PM: rich, mesic forests (Ashe, Avery*, Buncombe, Burke, Clay*, Durham, Gaston*, Graham, Granville, Guilford*, Haywood*, Henderson, Jackson*, Macon, Madison*, McDowell, Mecklenburg*, Mitchell*, Montgomery, Orange, Person, Polk*, Randolph*, Richmond, Rockingham*, Rowan, Rutherford, Stokes*, Swain*, Transylvania, Wake, Watauga)	Large Yellow Lady's-slipper	W5B		S3	G5T5
<i>Cypripedium reginae</i> M: the only specimen from NC is from implausible habitat - highly acid humus under rhododendron (Jackson*)	Showy Ladyslipper	W4		SNA	G4
<i>Cystopteris bulbifera</i> MP: calcareous rocks (Avery, Buncombe, Madison, McDowell, Orange, Swain*, Transylvania)	Bulblet Bladder Fern	W7		S1S2	G5
<i>Dalea pinnata</i> SC: sandhills and dryish pinelands (Bladen, Cumberland, Harnett*, Hoke, Lenoir*, Moore*, Pender, Richmond, Robeson*, Sampson, Scotland, Wayne*)	Eastern Prairie-clover	W1		S2	G5
<i>Desmodium cuspidatum var. cuspidatum</i> CPM: roadsides and wooded banks of rivers and streams (Avery*, Brunswick*, Caswell, Clay*, Gaston*, Guilford*, Henderson*, Jones*, Madison*, Mitchell*)	Large-bract Tick-trefoil	W7		S2?	G5T5?
<i>Diamorpha smallii</i> PM: granite flatrocks (Alexander, Anson, Forsyth*, Franklin, Gaston, Granville, Henderson*, Iredell*, Nash*, Rowan, Rutherford, Wake, Yadkin*)	Elf Orpine	W1		S3	G4
<i>Dichanthelium columbianum</i> CPM: thin woods and open ground, usually in sandy soil (Carteret, Currituck, Hoke, Mitchell, Montgomery, Onslow)	American Witch Grass	W7		S2?	G5
<i>Dichanthelium dichotomum var. roanokense</i> CS: savannas, open swampy woods, wet peaty meadows (Bladen, Brunswick, Columbus, Dare, Hyde*, Moore, Pender)	Roanoke Witch Grass	W1		S2	G5T4?
<i>Dichanthelium erectifolium</i> C: pond shores (Bladen, Brunswick, Columbus, Hoke, New Hanover, Onslow, Robeson, Sampson, Scotland)	Erectleaf Witch Grass	W1		S2	G4
<i>Dichanthelium latifolium</i> M: forests (Alleghany, Ashe, Avery*, Buncombe, Caldwell*, Haywood*, Henderson*, Jackson*, Macon, Swain*, Transylvania, Watauga*)	Broadleaf Witch Grass	W1		S3	G5

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<i>Dichanthelium linearifolium</i>	Low White-haired Witch Grass	W7		S1?	G5
PM: dry open woods and rock outcrops (Ashe, Durham*, Gaston*, Macon)					
<i>Dichanthelium oligosanthes</i> var. <i>scribnerianum</i>	Scribner's Witch Grass	W7		S1?	G5T5
CP: calcareous, coastal-fringe forests and dry, thin woods on basic soils (Carteret, Granville, Onslow)					
<i>Dichanthelium ovale</i> var. <i>ovale</i>	Elliott's Witch Grass	W1		S2S3	G5T5
C: dry to damp, sandy pinelands (Brunswick*, Carteret, Gates*, Pender)					
<i>Dichanthelium</i> sp. 2	Webber's Witch Grass	W1		S3	GNR
C: moist pine savannas and flatwoods (Brunswick, Carteret, Columbus, New Hanover, Onslow)					
<i>Dichanthelium strigosum</i> var. <i>glabrescens</i>	Hairless Witch Grass	W7		S1	G4T4T5
C: sandy pinelands and hammocks (Onslow)					
<i>Diplazium pycnocarpon</i>	Glade Fern	W1		S3	G5
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)					
<i>Dirca palustris</i>	Leatherwood	W1		S3	G4
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)					
<i>Dryopteris carthusiana</i>	Spinulose Woodfern	W7		S2	G5
MCP: swampy woods (Avery, Cabarrus*, Camden*, Chowan*, Gates, Haywood*, Jackson*, Macon*, Mecklenburg*, Mitchell*, Perquimans, Yancey*)					
<i>Dryopteris cristata</i>	Crested Woodfern	W1		S3	G5
MCP: bogs, wet woods (Alamance*, Alleghany, Ashe, Avery, Burke, Camden*, Durham*, Franklin, Gates*, Guilford, Haywood, Henderson*, Macon, Madison*, McDowell, Mecklenburg*, Mitchell*, Orange*, Person, Transylvania, Wake*, Warren, Watauga, Yancey)					
<i>Dryopteris goldiana</i>	Goldie's Woodfern	W1		S3	G4
MP: rich, moist woods (Alleghany, Ashe, Buncombe, Burke, Cherokee, Clay, Graham, Haywood, Jackson, Macon, Madison, Mitchell*, Orange*, Swain, Transylvania, Watauga*, Yancey)					
<i>Dryopteris ludoviciana</i>	Southern Woodfern	W1		S2	G4
C: acid swamps (Brunswick*, Carteret, Chowan, Columbus*, Craven, Jones, New Hanover*, Onslow, Pender, Washington)					
<i>Echinocystis lobata</i>	Wild Mock Cucumber	W7		S1	G5
M: alluvial forests (Alleghany*, Ashe, Watauga)					

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<i>Elatine americana</i> 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*)	American Waterwort	W4		SNA	G4
<i>Elatine minima</i> P: lakes (Granville)	Tiny Waterwort	W4		SNA	G5
<i>Eleocharis engelmannii</i> PCM: marshes (Alexander*, Henderson*, Hoke, Northampton*, Rowan*, Stanly*)	Englemann's Spikerush	W7		S1	G4G5Q
<i>Eleocharis equisetoides</i> CP: limesink ponds, lakes, borrow pits, ditches (Bladen, Brunswick, Carteret, Columbus, Craven*, Cumberland, Harnett, Hoke, Moore, New Hanover*, Onslow, Randolph, Richmond, Scotland, Wake, Washington)	Horsetail Spikerush	W1		S3	G4
<i>Eleocharis erythropoda</i> MC: stream banks and marshes (Ashe*, Carteret*, Madison*)	Bald Spikerush	W7		S1	G5
<i>Eleocharis palustris</i> M: open, wet places (Macon*)	Small's Spikerush	W3		S1	G5
<i>Eleocharis tricostata</i> CP: bogs and savannas (Bladen, Brunswick, Cabarrus, Carteret*, Cumberland, Dare*, Hoke, New Hanover, Northampton*, Onslow, Richmond, Robeson, Sampson, Scotland, Stanly*)	Three-angle Spikerush	W1		S2S3	G4
<i>Elodea canadensis</i> CPM: lakes, ponds, and stagnant waters of streams (Alleghany, Ashe, Craven*, Gates, McDowell*, Orange*, Perquimans*, Wake*, Watauga*)	Canada Waterweed	W7		S1?	G5
<i>Elodea nuttallii</i> CPM: lakes, ponds, and streams (Avery*, Currituck*, Dare*, Franklin*, Haywood*, Jones*, McDowell*, Perquimans*, Tyrrell*, Wake*, Wilson*, Yancey*)	Nuttall's Elodea	W7		S2?	G5
<i>Elymus canadensis</i> var. <i>canadensis</i> M: rich woods (Buncombe*, Macon, Swain*)	Great Plains Wild-Rye	W7		S1	G5
<i>Elymus riparius</i> MP: riverbanks and low, rich woods (Alleghany, Ashe*, Avery*, Jackson, Madison*, Orange*, Watauga*)	Riverbank Wild Rye	W7		S1S2	G5
<i>Endodeca serpentaria</i> PMC: dry to mesic forests (Burke, Catawba, Cleveland, McDowell, Rutherford, Union)	Virginia Snakeroot	W5B		S4	G4
<i>Epilobium leptophyllum</i> MP: bogs and seeps (Alleghany, Ashe, Avery, Burke, Guilford*, Jackson, Macon, Madison, Mitchell, Watauga, Wilkes)	Narrowleaf Willowherb	W1		S3	G5
<i>Eragrostis frankii</i> P: open, disturbed sites (Granville*)	Frank's Lovegrass	W7		S1	G5
<i>Eragrostis lugens</i> P: open, wet areas (Mecklenburg*)	Mourning Lovegrass	W7		S1	G5

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<i>Eriophorum virginicum</i> 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)	Cottongrass	W1		S3	G5
<i>Eryngium yuccifolium</i> var. <i>synchaetum</i> C: wet savannas (Bladen*, Brunswick, Columbus, Onslow, Pender)	Southern Rattlesnake-master	W2		S2	G5T5
<i>Erythronium americanum</i> ssp. <i>americanum</i> P: rich slopes, levee forests, and bottomland forests (Burke, Caswell, Durham, Harnett, Person, Richmond, Wake)	American Trout Lily	W7		S2?	G5T5
<i>Euonymus atropurpureus</i> var. <i>atropurpureus</i> PMC: levee forests and rich forests with circumneutral soils (Caswell, Cherokee*, Franklin, Guilford*, Halifax, Lee, Moore, Northampton, Orange*, Person, Polk, Rockingham*, Rutherford*, Stokes*, Swain*)	Eastern Wahoo	W7		S2	G5
<i>Eupatorium altissimum</i> P: woodlands, openings, and old fields over mafic rocks (Burke, Cabarrus, Caswell, Chatham, Davidson*, Granville, McDowell, Mecklenburg, Moore, Person, Randolph, Rowan*, Stanly, Wake*)	Tall Boneset	W1		S2	G5
<i>Eupatorium godfreyanum</i> PM: woodlands, especially over mafic rocks (Burke, Caldwell, Caswell, Catawba, Cleveland, Durham, Granville*, Henderson*, McDowell, Orange*, Person, Rutherford, Swain*, Vance*, Wake*)	Godfrey's Thoroughwort	W1		S3	G4
<i>Eupatorium recurvans</i> C: wet savannas	Recurved Eupatorium	W7		S1?	G3G4Q
<i>Eupatorium sessilifolium</i> var. <i>brittonianum</i> M: rocky woodlands over mafic rocks (Buncombe*, Burke, Macon, McDowell, Rutherford)	Britton's Eupatorium	W7		S1?	G5T3T5
<i>Eurybia avita</i> M: thin soil around granitic outcrops (Transylvania+)	Alexander's Rock Aster	W3	FSC	SU	G3
<i>Eurybia surculosa</i> M: rock outcrops, glades, rocky woodlands (Buncombe, Jackson, Macon, Madison, McDowell, Rutherford, Transylvania)	Creeping Aster	W1		S3?	G4G5
<i>Euthamia graminifolia</i> var. <i>nuttallii</i> M: moist to dry riverbanks, bottomlands, and bog margins (Alleghany, Avery, Buncombe*, Henderson, Macon, Watauga)	Nuttall's Flat-top Goldenrod	W7		S1?	G5TNR

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<i>Eutrochium maculatum</i> var. <i>maculatum</i> M: wet calcareous meadows, cove forests, grassy balds (Ashe*, Avery*, Buncombe*, Haywood*, Jackson, Macon*, Mitchell, Polk*, Watauga*, Yancey*)	Spotted Joe-pye Weed	W7		S3?	G5T5
<i>Fallopia cristata</i> PMC: moist forests, especially alluvial forests (Alexander*, Ashe, Burke, Granville*, Haywood*, Iredell*, Macon*, McDowell, Onslow*, Orange*, Polk, Rutherford, Stokes*, Wake*, Wilkes*)	Crested Climbing Buckwheat	W7		S2?	G5T5
<i>Fragaria vesca</i> var. <i>americana</i> M: rich forests (Watauga*)	Woodland Strawberry	W4		S1	G5
<i>Frangula caroliniana</i> PMC: rich bottomlands and slopes (Beaufort*, Buncombe*, Burke, Cabarrus, Catawba, Cleveland*, Iredell*, Lincoln*, Madison*, McDowell, Mecklenburg, Polk, Rutherford, Union, Watauga)	Carolina Buckthorn	W1		S3	G5
<i>Galactia minor</i> S: sandy fields and roadsides (Hoke*)	Little Milkpea	W1		S2?	G4
<i>Galax urceolata</i> MPC: rocky woodlands, mountain forests, and rock outcrops (Alleghany, Burke, Catawba, Cleveland, Haywood, McDowell, Rutherford)	Galax	W5B		S5	G5
<i>Galium asprellum</i> M: bogs (Alleghany, Ashe, Avery, Haywood*, Watauga)	Rough Bedstraw	W7		S2	G5
<i>Galium lanceolatum</i> M: rich cove forests (Ashe, Buncombe, Caldwell, Clay*, Graham, Haywood, Jackson, Macon, Madison, Mitchell*, Watauga)	Lanceleaf Wild Licorice	W7		S2	G5
<i>Gaultheria hispida</i> M: habitat in North Carolina not known	Creeping Snowberry	W3		SH	G5
<i>Gaylussacia bigeloviana</i> C: pocosins (Dare)	Northern Dwarf Huckleberry	W7		S1	G5
<i>Gentiana austromontana</i> M: high elevation forests and balds (Alleghany, Ashe*, Avery, Buncombe*, Burke*, Caldwell, Clay, Jackson*, Mitchell, Stokes*, Transylvania*, Watauga*, Yancey)	Appalachian Gentian	W1		S2S3	G3
<i>Gentiana clausa</i> MP: forests	Closed Gentian	W7		S3?	G5
<i>Gentiana latidens</i> M: moist open sites on rocky slopes (Haywood, Jackson, Macon, Transylvania)	Balsam Mountain Gentian	W7		S2S3	G2G3
<i>Geum fragarioides</i> P: forests and streambanks (Burke, Catawba)	Northern Barren-strawberry	W1		S2S3	G5
<i>Glandularia canadensis</i> CPS: sandhills, diabase glades, and other dry woods (Alamance*, Beaufort*, Brunswick*, Granville, Randolph*, Richmond*, Washington*)	Rose Mock-verbain	W7		S1?	G5

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<i>Goodyera repens</i> 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)	Lesser Rattlesnake Orchid	W1		S2S3	G5
<i>Habenaria repens</i> CS: in stagnant, blackwater pools and impoundments (Bladen*, Brunswick, Carteret, Columbus, Cumberland, Dare, Duplin*, Hoke, Moore, New Hanover*, Pender*, Richmond, Scotland)	Water-spider Orchid	W1		S2	G5
<i>Heteranthera dubia</i> M: sluggish streams (Alleghany*)	Water Stargrass	W3		S1?	G5
<i>Heteranthera reniformis</i> CP: muddy shores, bars, pools (Bertie, Chowan, Davidson*, Franklin*, Gates*, Halifax*, Pasquotank*, Perquimans*, Pitt*, Wake, Washington*)	Kidneyleaf Mud-plantain	W7		S2?	G5
<i>Heuchera caroliniana</i> P: rich, rocky woods (Alexander*, Anson*, Burke, Cabarrus*, Cleveland, Davidson*, Forsyth*, Gaston*, Iredell*, Lincoln*, Mecklenburg*, Randolph*, Rockingham, Rowan*, Rutherford, Stanly, Stokes*, Surry*, Union*)	Carolina Alumroot	W7		S3	G3
<i>Heuchera longiflora</i> M: rich and rocky cove forests, especially over calcareous or mafic rocks (Buncombe, Haywood*, Madison)	Long-flower Alumroot	W7		S2	G4
<i>Heuchera parviflora</i>	Littleleaf Alumroot	W1		S3	G4
<i>Hexastylis lewisii</i> 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)	Lewis's Heartleaf	W1		S3	G3
<i>Houstonia longifolia</i> var. <i>glabra</i> M: high elevation granitic domes, rarely other outcrops (Clay, Haywood, Henderson, Jackson, Macon, Madison, Transylvania)	Granite Dome Bluet	W1		S3	G4G5T3Q
<i>Houstonia purpurea</i> var. <i>calycosa</i> MP: rocky forests, often dry (Burke, Jackson, Macon, Madison)	Summer Bluet	W7		S2?	G5T5
<i>Humulus lupulus</i> var. <i>lupuloides</i> CP: alluvial forests and bottomlands (Caswell, Randolph*, Rockingham*, Stokes*, Wake*)	Hops	W7		S1	G5T5
<i>Humulus lupulus</i> var. <i>pubescens</i> P: bottomlands (Randolph*, Rockingham*, Stokes*)	Hops	W4		S1	G5T4?
<i>Huperzia appressa</i> M: high elevation rocky summits, seeps, fens (Ashe, Avery, Buncombe, Haywood, Jackson, Macon, McDowell, Mitchell, Rutherford, Transylvania, Watauga, Yancey)	Appalachian Fir-clubmoss	W1		S3	G4G5

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<i>Hydrangea cinerea</i> M: shady ledges and cliffs, upslope of alluvial forests (Cherokee*, Clay*, Cleveland, Henderson, Jackson*, Macon*, McDowell, Polk, Rutherford, Swain*, Transylvania)	Ashy Hydrangea	W7		S2	G4
<i>Hydrophyllum macrophyllum</i> M: rich woods, especially rocky calcareous forests and cliffs (Buncombe, Haywood, Jackson, Madison, Yancey)	Largeleaf Waterleaf	W1		S3	G5
<i>Hypericum buckleii</i> M: high elevation rocky summits, granitic domes, grassy balds (Clay, Haywood, Jackson, Macon, Transylvania)	Blue Ridge St. John's-wort	W1		S3	G3
<i>Hypericum ellipticum</i> M: habitat in North Carolina not known	Pale St. John's-wort	W3		SNR	G5
<i>Hypericum graveolens</i> M: high elevation balds, outcrops, seeps (Buncombe*, Haywood, Jackson, Macon, McDowell*, Mitchell, Swain*, Transylvania, Yancey*)	Mountain St. John's-wort	W1		S2S3	G3
<i>Hypericum mitchellianum</i> M: high elevation balds, outcrops, seeps (Ashe, Avery, Buncombe*, Burke, Graham, Haywood, Jackson, Macon*, McDowell, Mitchell, Watauga, Yancey)	Mitchell's St. John's-wort	W1		S2S3	G3
<i>Ilex ambigua</i> CMPS: sandy woods (Alleghany*, Avery, Beaufort*, Bertie, Brunswick, Burke, Caldwell, Catawba, Columbus, Cumberland, Gaston, Graham, Henderson, Hoke, Jackson, Macon, Madison, McDowell, Moore, Orange, Richmond, Robeson, Rowan, Rutherford, Sampson, Scotland, Stokes*, Surry*, Swain, Transylvania, Wayne, Wilkes*)	Carolina Holly	W1		S3	G5
<i>Ilex amelanchier</i> CS: blackwater swamps and riverbanks, clay-based Carolina bays (Bladen, Brunswick, Columbus, Cumberland, Harnett*, Hoke, Montgomery, Pender, Richmond, Robeson, Sampson, Scotland)	Sarvis Holly	W1		S3	G4
<i>Ilex cassine var. cassine</i> C: blackwater swamps and pocosins (Brunswick, Carteret, Columbus, New Hanover)	Dahoon	W1		S2	G5T5
<i>Ipomoea macrorhiza</i> TC: low marshy places, dunes (Brunswick*)	Manroot	W7		S1?	G3G5
<i>Ipomoea pes-caprae</i> C: ocean beaches (Carteret)	Railroad Morning-glory	W4		S1	G5
<i>Ipomopsis rubra</i> CMPS: sandy soils (Cumberland*, Harnett*, Henderson+, Hoke, Moore, Richmond, Robeson*, Rutherford*, Scotland*)	Standing Cypress	W7		S1S2	G4G5
<i>Iresine rhizomatosa</i> TC: low wet places, interdune swales, damp woods, edges of brackish marshes (Brunswick, Carteret, Cumberland, Dare, New Hanover, Onslow, Pender*, Sampson*)	Rootstock Bloodleaf	W1		S2S3	G5

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<i>Isoetes hyemalis</i>	Winter Quillwort	W7		S2S3	G2G3
CPS: beds of blackwater and other streams (Brunswick*, Columbus, Duplin*, Harnett, Johnston*, Moore*, Orange, Pender, Sampson*, Scotland)					
<i>Isotria verticillata</i>	Large Whorled Pogonia	W1		S2S3	G5
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)					
<i>Juglans cinerea</i>	Butternut	W5A	FSC	S2S3	G4
MP: cove forests, rich woods (Alleghany, Ashe, Avery, Buncombe*, Burke, Caldwell*, Clay, Durham*, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell*, Orange*, Polk, Rutherford, Sampson*, Stanly*, Stokes*, Swain, Transylvania, Watauga, Wilkes*, Yancey)					
<i>Juncus brachycarpus</i>	Whiteroot Rush	W7		S2?	G4G5
PC: wet sandy soil (Chatham*, Duplin*, Durham*, Granville*, Hertford*, Hyde*, Iredell*, Montgomery*, Nash*, Northampton*, Orange*, Stanly*, Union, Wake*)					
<i>Juncus brevicaudatus</i>	Mountain Rush	W7		S1?	G5
M: bogs and seeps at high elevations (Alleghany, Clay*, Haywood*, Jackson*, Swain*, Transylvania*, Watauga*, Yancey*)					
<i>Juncus georgianus</i>	Georgia Rush	W7		S1?	G4
P: shallow depressions in granitic flatrocks and domes (Alexander, Franklin*, Gaston, Rowan*)					
<i>Juncus longii</i>	Long's Rush	W7		S1S2	G3Q
CP: wet, clayey soil (Cumberland, Dare*, Graham*, Harnett, Henderson, Hoke, Iredell*, Jackson*, Lee*, McDowell, Montgomery, Moore, Rutherford, Union*, Wayne*)					
<i>Juncus secundus</i>	Nodding Rush	W7		S1S2	G5?
PM: rock outcrops and glades (Alexander, Alleghany*, Buncombe, Burke, Caswell*, Davie*, Forsyth*, Franklin*, Gaston*, Granville*, Madison*, Mitchell*, Orange*, Person*, Rockingham*, Union, Wake*)					
<i>Juncus torreyi</i>	Torrey's Rush	W3		SNR	G5
M: bogs (Clay*)					
<i>Kalmia cuneata</i>	White Wicky	W1		S3	G3
CS: low and high pocosins, streamhead pocosins, and ecotones (Bladen, Cumberland, Hoke, Moore, Pender, Richmond, Scotland)					
<i>Krigia biflora</i>	Two-flower Cynthia	W7		S2?	G5
MP: rich mesic woods (Ashe, Avery*, Buncombe*, Caldwell*, Chatham*, Clay, Graham*, Haywood*, Transylvania*)					
<i>Lathyrus palustris</i>	Marsh Peavine	W7		S2?	G5
C: bottomlands, streambanks and marshes (Beaufort*, Chowan*, Gates, Hertford, Martin*, Washington*)					

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<i>Lathyrus venosus</i> 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*)	Smooth Peavine	W1		S3	G5
<i>Lespedeza frutescens</i> CP: woodlands and woodland borders (Anson, Edgecombe, Montgomery, Orange, Randolph, Richmond, Stanly)	Violet Lespedeza	W7		S2?	G5
<i>Leucospora multifida</i> C: sandy margins of ponds and wetlands (Carteret)	Cliff Conobea	W4		SU	G5
<i>Liatris scariosa</i> var. <i>scariosa</i> MP: rock outcrops, glades, dry woodlands; mostly over mafic rocks? (Cherokee+, Clay, Haywood+, Henderson+, Jackson+, Macon+, Swain+)	New England Blazing-star	W7		S2	G5?
<i>Liatris secunda</i> SC: sandhills (Anson*, Bladen, Brunswick*, Hoke, New Hanover, Pender, Richmond, Scotland, Wake)	Sandhill Blazing-star	W7		S2	G4G5
<i>Lilium superbum</i> var. <i>1</i> C: blackwater swamps (Chowan, Gates, Nash*)	Blackwater Turk's Cap Lily	W2		S1	G1G3Q
<i>Lindernia monticola</i> PM: seepages on granitic flatrocks and other rock outcrops (Alexander, Cherokee*, Forsyth*, Franklin, Gaston, Granville, Henderson, Nash*, Rowan*, Rutherford, Stokes*, Wake, Yadkin*)	Flatrock Pimpernel	W1		S2	G4
<i>Listera australis</i> 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, Washington, Wayne)	Southern Twayblade	W1		S3	G4
<i>Listera cordata</i> var. <i>cordata</i> M: habitat in North Carolina not known (Avery*)	Heartleaf Twayblade	W3		SH	G5T5
<i>Lobelia</i> sp. <i>1</i> SC: wet streamheads and seepage slopes (Cumberland, Hoke, Moore, Richmond, Scotland)	Cedar Swamp Lobelia	W1		S3	G3
<i>Lonicera flava</i> MP: thin soils around rock outcrops, mainly mafic (Buncombe, Burke, Henderson, Jackson, Macon, McDowell, Polk, Rutherford)	Yellow Honeysuckle	W1		S3	G5?
<i>Ludwigia maritima</i> C: savannas, dunes, and ditches (Brunswick, Carteret, Dare*, Onslow, Pender)	Seaside Seedbox	W7		S2S3	G5
<i>Luzula multiflora</i> MP: moist woods (Burke*, Caldwell, Durham, Jackson, Macon, Madison*, Stokes*)	Heath Woodrush	W7		S2?	G5

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<i>Lycopodiella prostrata</i> C: wet savannas (Bladen*, Brunswick, Columbus*, Onslow, Pender, Richmond)	Featherstem Clubmoss	W7		S2?	G5
<i>Lycopus amplexans</i> CS: clay-based Carolina bays, cypress savannas (Cumberland*, Hoke, Moore, Onslow, Pender, Richmond, Robeson, Scotland)	Clasping Bugleweed	W1		S3	G5
<i>Lycopus cokeri</i> SC: streamhead pocosins, sandhill seeps, clay-based Carolina bays, savannas (Cumberland, Harnett, Hoke, Moore, Richmond, Sampson*, Scotland, Wayne)	Coker's Bugleweed	W1		S3	G3
<i>Lysimachia loomisii</i> C: pine savannas and pocosins (Beaufort*, Brunswick, Carteret, Columbus*, Craven, Cumberland, Duplin, Johnston*, Jones, Lenoir*, Martin*, Onslow, Pamlico, Pender*, Robeson, Wayne*)	Loomis's Loosestrife	W1		S3	G3
<i>Magnolia acuminata</i> var. <i>subcordata</i> P: moist slopes (Anson*, Montgomery*, Moore*)	Piedmont Cucumber-tree	W7		S1?	G5T3Q
<i>Magnolia grandiflora</i> C: mainland forests with maritime influence on the southeastern coast of North Carolina; introduced elsewhere (Brunswick, Carteret, Jones*, New Hanover*, Pender+)	Southern Magnolia	W7		S1	G5
<i>Manfreda virginica</i> 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)	Eastern Agave	W1		S3	G5
<i>Matelea flavidula</i> P: habitat in North Carolina not known (Person*)	Yellow Carolina Milkvine	W3		SNR	G4?
<i>Mertensia virginica</i> PCM: rich forests on slopes and bottomlands (Alamance, Bertie*, Caswell, Halifax, Person, Rockingham*, Watauga*)	Virginia Bluebells	W7		S2	G5
<i>Micranthes careyana</i> M: seepy rock faces (Ashe*, Avery*, Buncombe, Burke, Cleveland, Graham*, Haywood, Henderson*, Macon, Madison, Mitchell*, Polk, Rutherford, Surry, Swain*, Transylvania, Watauga*, Yancey*)	Carey Saxifrage	W7		S3	G3
<i>Monarda punctata</i> var. <i>arkansana</i> M: dry forests over mafic rock (Polk)		W7		S1	G5TNR
<i>Muhlenbergia mexicana</i> M: forests and openings (Alleghany, Ashe, Buncombe*, Macon*, Mitchell*, Rutherford)	Mexican Muhly	W7		S1	G5
<i>Muhlenbergia sylvatica</i> PM: rich alluvial forests (Avery*, Durham*, Forsyth*, Franklin*, Gaston*, Granville*, Montgomery*, Orange*, Person*, Rutherford, Swain*)	Woodland Muhly	W7		S1S2	G5

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<i>Najas gracillima</i> CPM: pools and lakes (Avery*, Buncombe*, Chowan*, Forsyth*, Iredell*, Jackson*, Madison*, McDowell*, Orange*, Randolph*, Wake*, Washington*)	Slender Waternymph	W7		S2	G5?
<i>Nelumbo lutea</i> CS: ponds, slow streams, natural lakes, estuarine rivers (Anson, Bertie*, Columbus*, Craven, Halifax*, Johnston*, Perquimans*, Pitt, Richmond*, Robeson*, Stanly, Wake, Wilson*)	American Lotus	W7		S2	G4
<i>Nuphar sagittifolia</i> 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)	Narrowleaf Cowlily	W1		S2	G5T2
<i>Nymphoides cordata</i> S: blackwater streams and pools, Carolina bays, vernal pools (Cumberland*, Hoke, Moore, Richmond, Scotland)	Little Floating-heart	W7		S1S2	G5
<i>Oenothera fruticosa</i> var. <i>unguiculata</i> CP: wet clay savannas and glades (Brunswick, Columbus, Franklin, Jones, Onslow, Pender)	Southern Sundrops	W7		S2S3	G5T2T3
<i>Onosmodium virginianum</i> CTSP: sandhills, dry mafic sites, shell middens (Brunswick*, Burke, Catawba, Cleveland*, Cumberland, Durham*, Harnett, Hoke, Jones*, McDowell, Moore, Polk*, Richmond, Robeson*, Rutherford, Scotland, Wake*)	Virginia Marbleseed	W1		S3	G4
<i>Ophioglossum crotalophoroides</i> C: moist ditchbanks and grassy roadside flats (Beaufort*, Brunswick*, Carteret*, Craven*, Dare*, Hyde*, Martin*, Pamlico*, Washington*)	Bulbous Adder's-tongue	W7		S1	G5
<i>Ophioglossum nudicaule</i> C: moist sandy flats (Brunswick*)	Slender Adder's-tongue	W7		S1?	G5
<i>Ophioglossum petiolatum</i> CT: maritime wet grasslands, moist ditchbanks, grassy roadside flats (Beaufort*, Brunswick*, Carteret, Craven*, Dare*, Washington*)	Long-stem Adder's-tongue	W7		S2?	G5
<i>Orbexilum lupinellum</i> CS: sandhills (Bladen*, Craven, Cumberland*, Harnett, Hoke, Moore, Pamlico*, Richmond, Scotland)	Lupine Scurfpea	W1		S3	G3G4
<i>Orbexilum pedunculatum</i> var. <i>pedunculatum</i> MP: open woodlands (Catawba, Cherokee, Orange*, Transylvania*)	Sampson's Snakeroot	W7		S1	G5T5?

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<i>Panax quinquefolius</i> 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)	Ginseng	W5B,S		S3S4	G3G4
<i>Panax trifolius</i> MP: cove forests, northern hardwoods, other rich forests (Ashe, Buncombe, Caldwell*, Caswell, Cherokee, Clay, Durham, Graham, Haywood, Jackson, Macon, Orange, Rockingham*, Swain*, Wake, Watauga*)	Dwarf Ginseng	W1		S3	G5
<i>Panicum tenerum</i> CST: wet savannas, sandhill seeps, limesink ponds (Brunswick, Carteret, Columbus, Moore*, New Hanover, Onslow, Sampson, Scotland)	Southeastern Panic Grass	W1		S3	G4
<i>Parietaria floridana</i> TC: shell middens, disturbed sites, maritime forests (Beaufort*, New Hanover*, Onslow)	Florida Pellitory	W4		SNR	G5
<i>Parietaria pensylvanica</i> PMC: slopes and bottomlands, usually over calcareous or mafic rocks (Alleghany, Anson*, Bertie*, Buncombe*, Harnett, Haywood, Madison, Martin*, Mitchell*, Wilkes)	Pennsylvania Pellitory	W7		S2	G5
<i>Paronychia fastigiata</i> var. <i>fastigiata</i> PS: dry woods and open areas (Burke, Moore*)	Forked Whitlow-wort	W7		S1S2	G5T5
<i>Paronychia montana</i> MP: rocky slopes (Alexander, Cherokee*, Henderson*, McDowell, Rutherford, Transylvania*)	Mountain Nailwort	W7		S1?	G4
<i>Parthenium integrifolium</i> var. <i>mabryanum</i> 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*)	Mabry's Wild Quinine	W1		S3	G5T3
<i>Paspalum bifidum</i> SC: sandhills and savannas (Brunswick*, Craven, Cumberland, Harnett, Hoke, Jones*, Montgomery*, Moore, Richmond, Scotland)	Pitchfork Crown Grass	W1		S3	G5
<i>Paspalum praecox</i> CS: limesink ponds and savannas (Bertie*, Bladen*, Brunswick, Carteret, Columbus, Craven, Cumberland, Dare*, Harnett, Hoke, Lee*, Martin*, New Hanover, Onslow, Pamlico*, Pender, Richmond)	Early Crown Grass	W1		S2S3	G4
<i>Paspalum pubiflorum</i> MP: open areas (Haywood*, Madison*, Stokes*, Yadkin*)	Hairy-seed Crown Grass	W7		S1?	G5
<i>Paxistima canbyi</i> M: rock outcrops (Mitchell*)	Canby's Mountain-lover	W4		SNA	G2

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<i>Pedimelum canescens</i> SC: sandhills (Bladen*, Brunswick, Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	Buckroot	W1		S3	G3G4
<i>Pellaea atropurpurea</i> MPC: limestone outcrops (Ashe, Buncombe, Cherokee, Forsyth*, Haywood*, Jackson, Jones*, Macon*, Madison, McDowell, Mitchell*, Rutherford, Swain, Transylvania, Wake*, Yadkin*)	Purple-stem Cliff-brake	W1		S3	G5
<i>Penstemon smallii</i> M: rock outcrops and thin forests (Ashe, Avery*, Buncombe, Burke*, Caldwell, Graham*, Haywood*, Henderson, Macon*, Madison*, McDowell, Mitchell*, Orange*, Polk, Rutherford, Watauga)	Small's Beardtongue	W7		S3	G3
<i>Persea borbonia</i> TC: sandy upland soils in maritime forests (Brunswick, Carteret, Columbus, Currituck, Dare, Hyde, Lenoir, New Hanover, Onslow, Pender, Washington)	Upland Red Bay	W7		S2	G5
<i>Persicaria glabra</i> C: Swamp forests (Carteret, Chowan, Dare, Halifax, Hyde, New Hanover, Wake)	Dense-flower Knotweed	W1		S3	G5
<i>Phaseolus sinuatus</i> SC: sandhills (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	Sandhills Bean	W1		S3	G3?Q
<i>Philadelphus hirsutus</i> MP: bluffs, cliffs, and rocky woods, mainly over mafic or calcareous rocks (Buncombe, Cleveland, Graham*, Madison, McDowell, Mitchell*, Polk, Rutherford)	Hairy Mock-orange	W1		S2	G5
<i>Philadelphus inodorus</i> 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, Orange, Polk, Randolph, Rutherford, Stanly, Swain*, Wilkes)	Scentless Mock-orange	W1		S3	G4G5
<i>Phlox amplifolia</i> M: hardwood forests on mafic rock (Buncombe*, Burke, Graham, Haywood*, Jackson, Macon, Madison, McDowell, Mitchell*, Rutherford, Swain, Watauga*, Yancey*)	Largeleaf Phlox	W1		S2	G3G5
<i>Phlox divaricata</i> CM: rich deciduous forests and slopes (Burke, Halifax, Henderson*, Madison*, Northampton, Rutherford*, Swain, Transylvania*, Watauga*)	Wild Blue Phlox	W7		S2	G5
<i>Physalis lanceolata</i> SC: sandhills (Cumberland*, Harnett*, Hoke, Lee*, Montgomery*, Moore, New Hanover*, Richmond, Robeson*, Sampson, Scotland, Wayne*)	Sandhill Ground Cherry	W1		S2?	G3Q
<i>Phytolacca rigida</i> T: dunes, edges of brackish or salt marshes (Beaufort, Brunswick, Carteret, Hyde, New Hanover, Onslow, Pender)	Maritime Pokeweed	W7		S2	G5

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<i>Pieris floribunda</i> MP: acid wooded slopes, heath balds at high elevations and summits of Piedmont monadocks (Buncombe*, Burke*, Haywood*, Jackson*, Macon*, Stokes*, Surry*, Transylvania, Watauga*)	Fetterbush	W1		S2S3	G4
<i>Platanthera blephariglottis</i> 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*)	White-fringed Orchid	W1		S3?	G4G5
<i>Platanthera chapmanii</i> C: pine savannas and open roadsides (Brunswick)	Chapman's Orange-fringed Orchid	W3		S1?	G2
<i>Poa nemoralis</i> M: sandy creek bottoms (Haywood*)	Forest Bluegrass	W7		S1?	G5
<i>Polygonella americana</i> S: sandhills (Hoke, Richmond, Scotland, Stanly)	Southern Jointweed	W4		SU	G5
<i>Polygonella gracilis</i> S: dry sandy areas (Hoke)	Lesser Jointweed	W4		SNR	G4G5
<i>Polygonum erectum</i> MP: open places (Alamance*, Alleghany, Ashe, Avery*, Caswell, Cherokee*, Clay*, Henderson, Jackson*, Madison*, Surry*, Wake*, Watauga*, Yancey*)	Erect Knotweed	W7		S1S2	G5
<i>Polygonum ramosissimum</i> var. <i>prolificum</i> T: brackish marsh (Dare)	Bushy Knotweed	W7		S1	G5T4T5
<i>Polygonum tenue</i> 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)	Glade Knotweed	W7		S2?	G5
<i>Polymnia canadensis</i> M: moist, rich forests, especially over calcareous rock (Graham, Haywood+, Madison, Mitchell*, Surry*, Yancey)	Canada Leaf-cup	W7		S2	G5
<i>Populus grandidentata</i> M: dry ridges and rocky woods (Alleghany*, Ashe, Haywood*, Macon, Polk, Swain, Wilkes, Yancey)	Bigtooth Aspen	W7		S2	G5
<i>Potamogeton foliosus</i> CMP: lakes, streams, and ponds (Alleghany*, Brunswick*, Buncombe*, Carteret, Cherokee*, Currituck*, Gates*, Jones*, Madison*, Mecklenburg*, Tyrrell*)	Leafy Pondweed	W1		S2	G5
<i>Prenanthes roanensis</i> M: grassy balds, high elevation forests and outcrops (Alleghany, Ashe, Avery, Buncombe, Clay, Graham, Haywood, Jackson, Macon, Madison, McDowell, Mitchell, Swain, Transylvania, Watauga, Yancey)	Roan Rattlesnakeroot	W1		S3	G3

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<i>Prunus nigra</i> MP: rich forests (Davie*, Mecklenburg*, Montgomery*, Orange*, Polk*, Stanly*)	Canada Plum	W7		S1	G4G5
<i>Prunus umbellata</i> PSC: rocky or sandy woodlands (Anson, Bladen, Brunswick*, Burke, Cabarrus*, Cleveland*, McDowell, Moore*, Robeson*, Rutherford, Stanly, Union*)	Hog Plum	W7		S2	G4G5
<i>Psilotum nudum</i> C: acid swamp	Whiskfern	W4		S1	G5
<i>Ptelea trifoliata</i> 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)	Wafer-ash	W1		S3	G5
<i>Pycnanthemum clinopodioides</i> MP: forests, woodland borders (Burke, Catawba, McDowell, Rutherford)	Basil Mountain-mint	W7		S1?	G2
<i>Pyrola americana</i> MPC: forests (Alleghany, Ashe, Caswell, Davidson, Durham*, Guilford*, Iredell*, Mitchell*, Orange, Person, Rockingham*, Rowan, Wake*, Warren*, Wilkes)	American Shinleaf	W1		S2S3	G5
<i>Quercus bicolor</i> P: upland swamp forests (Burke, Davie*, Durham, Granville, Guilford*, McDowell, Mecklenburg, Nash*, Person, Rockingham, Rowan, Wake*, Wilson*)	Swamp White Oak	W1		S2	G5
<i>Quercus muehlenbergii</i> MP: calcareous forsts and bluffs (Ashe*, Beaufort*, Burke, Cabarrus*, Caswell, Chatham, Cherokee, Guilford*, Jackson, Madison, McDowell, Montgomery, Person, Polk, Rockingham, Rutherford, Swain, Vance, Wake)	Chinquapin Oak	W1		S2	G5
<i>Quercus palustris</i> MP: swamps (Caswell*, Chatham*, Davidson*, Davie*, Durham, Granville, Hertford*, Lee*, Lincoln*, McDowell, Mecklenburg*, Orange*, Person, Rowan*, Rutherford)	Pin Oak	W1		S2	G5
<i>Ranunculus allegheniensis</i> M: rich cove forests (Alleghany, Ashe, Avery, Haywood*, Macon, Mitchell*, Watauga)	Allegheny Mountain Buttercup	W7		S2	G4G5
<i>Ranunculus laxicaulis</i> C: swamp forests, open wet areas (Bladen, Columbus, Halifax, Northampton)	Swamp Buttercup	W7		S2	G5?
<i>Rhexia cubensis</i> C: limesink ponds (Bladen, Brunswick, Carteret, Columbus, New Hanover, Onslow, Pender, Sampson)	West Indies Meadow-beauty	W1		S3	G4G5
<i>Rhynchospora careyana</i> C: limesink ponds, clay-based bays (Brunswick, Columbus, Craven, Hoke, New Hanover, Onslow, Robeson, Scotland)	Carey's Beaksedge	W1		S2	G4?Q

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<i>Rhynchospora cephalantha</i> var. <i>attenuata</i> S: boggy openings in streamhead pocosins (Cumberland, Harnett, Hoke, Moore, Scotland)	Small Bunched Beaksedge	W1		S3	G5T3?
<i>Rhynchospora inundata</i> SC: limesink ponds, clay-based Carolina bays (Bladen, Brunswick, Carteret, Hoke, New Hanover, Onslow, Pender, Robeson, Scotland)	Narrowfruit Beaksedge	W1		S3	G4?
<i>Rhynchospora leptocarpa</i> S: boggy openings in streamhead pocosins, boggy beaverponds (Cumberland, Hoke, Moore, Richmond, Scotland)	Brownish Beaksedge	W1		S3	G3
<i>Rhynchospora macrostachya</i> var. <i>colpophila</i> C: tidal freshwater marshes (Chowan*)	Virginia Horned Beaksedge	W2		SH	G4T4Q
<i>Rhynchospora nitens</i> C: savannas, limesinks, other wet open places (Bladen, Brunswick, Carteret, Columbus, Craven, Cumberland, Harnett, Hyde*, Johnston*, Onslow, Pender, Richmond, Scotland)	Shortbeak Baldsedge	W1		S3	G4?
<i>Rhynchospora oligantha</i> CSP: savannas, seepage bogs (Brunswick, Carteret, Columbus, Craven, Cumberland, Harnett, Hoke, Moore, Onslow, Pender, Richmond)	Feather-bristle Beaksedge	W1		S3	G4
<i>Rhynchospora pallida</i> 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*)	Pale Beaksedge	W1		S3	G3
<i>Rhynchospora scirpoides</i> C: beaver ponds, limesink ponds, wet savannas (Brunswick, Carteret, Columbus, Craven, Cumberland, Dare, Harnett, Hoke, Moore, New Hanover, Onslow, Richmond, Tyrrell*, Washington)	Long-beak Baldsedge	W1		S3	G4
<i>Rhynchospora</i> sp. 2 C: ecotone between savanna and pocosin	Croatan Beaksedge	W7		S1?	G1?
<i>Rhynchospora stenophylla</i> CS: savannas, seepage bogs (Carteret*, Cumberland, Harnett, Hoke, Moore, Onslow, Pender*, Sampson, Scotland)	Littleleaf Beaksedge	W1		S3	G4
<i>Rhynchospora wrightiana</i> C: savannas (Brunswick, Carteret, Cumberland, Harnett, Hoke, New Hanover, Onslow, Sampson, Scotland, Wayne*)	Wright's Beaksedge	W1		S3	G5
<i>Robinia hispida</i> var. <i>rosea</i> MP: open woods (Alexander*, Alleghany, Buncombe*, Burke*, Catawba, Henderson*, Macon*, Stanly*, Wilkes*)	Boynton's Locust	W7		S2?	G4T3?

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<i>Rubus setosus</i> M: bogs and wet thickets (Clay, Macon)	Bristly Blackberry	W7		S1	G5
<i>Rudbeckia laciniata</i> var. <i>humilis</i> CMP: seeps, stream banks, and boulderfield forests (Ashe*, Brunswick*, Buncombe, Burke, McDowell, Moore*)	A Coneflower	W7		S2?	G5T3?
<i>Rudbeckia triloba</i> var. <i>rupestris</i> M: forests at high elevations	A Coneflower	W7		S2?	G5T3?
<i>Rumex altissimus</i> CPM: low wet places (Dare*, Durham*, Guilford*, Iredell*, Johnston*, Madison*, McDowell*, Wake*, Warren*, Wilson*)	Pale Dock	W7		S2?	G5
<i>Sabatia campestris</i> M: forest edges (Haywood*)	Prairie Sabatia	W4		SH	G5?
<i>Sabatia capitata</i> M: habitat in North Carolina not known (Cherokee*)	Rose Gentian	W3		SNR	G2
<i>Sabatia dodecandra</i> C: tidal, brackish, and freshwater marshes (Beaufort*, Brunswick*, Carteret, Craven, Currituck*, Dare, Hyde*, Jones*, New Hanover*, Pamlico*, Pasquotank*, Tyrrell*)	Large Marsh Pink	W1		S3?	G5?
<i>Sabatia quadrangula</i> 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*)	Four-angle Sabatia	W7		S2	G4G5
<i>Sagina procumbens</i> M: high elevation disturbed sites (Mitchell)	Northern Pearlwort	W4		SNA	G5
<i>Sagittaria calycina</i> var. <i>spongiosa</i> TC: tidal freshwater to brackish marshes	Tidal Sagittaria	W3		SNR	G5T4
<i>Sagittaria engelmanniana</i> SCP: mostly blackwater streams and bogs (Carteret, Craven*, Cumberland, Harnett, Hoke, Moore, Onslow, Richmond, Scotland)	Engelmann's Arrowhead	W1		S2	G5?
<i>Sagittaria platyphylla</i> P: marshes (Union*)	Delta Arrowhead	W7		S1	G5
<i>Sanguinaria canadensis</i> MPC: mixed deciduous forests and wooded slopes (Burke, Catawba, Cleveland, McDowell, Rutherford)	Bloodroot	W5B		S5	G5
<i>Sarracenia flava</i> CSP: savannas, seepage bogs, and pocosins (Catawba, Pender)	Yellow Pitcher-plant	W5B		S3S4	G5?
<i>Sarracenia purpurea</i> var. <i>montana</i> M: Mountain bogs, seepage bogs (Alexander, Buncombe, Henderson, Iredell, Macon, Transylvania)	Southern Appalachian Purple Pitcherplant	W7		S2?	G5T1T3

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<i>Sarracenia rubra ssp. rubra</i> C: sandhill seepage bogs, pocosins, wet savannas	Sweet Pitcherplant	W5B		S3	G4T3T4
<i>Schizachyrium littorale</i> T: coastal dunes and maritime dry grasslands (Brunswick, Carteret, Dare, New Hanover, Onslow, Pender)	Seaside Little Bluestem	W1		S2S3	G5
<i>Schoenolirion croceum</i> S: wet pinelands (Richmond*)	Sunnybell	W3		SH	G4
<i>Schoenoplectus americanus</i> T: tidal marshes (Brunswick, Carteret, Dare*, Hyde*, New Hanover, Onslow)	Olney Threesquare	W7		S1?	G5
<i>Schoenoplectus californicus</i> C: tidal marshes (New Hanover*)	California Bulrush	W3		SH	G5
<i>Schoenoplectus subterminalis</i> S: blackwater creeks (Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	Swaying Bulrush	W1		S3	G4G5
<i>Scleria georgiana</i> CS: savannas (Brunswick, Carteret, Columbus, Craven, Hoke, New Hanover, Onslow, Pender, Robeson, Sampson, Scotland)	Georgia Nutrush	W1		S3	G4
<i>Scutellaria mellichampii</i> C: sandy deciduous forests (Brunswick*)	Mellichamp's Skullcap	W7		SH	G3G4
<i>Scutellaria ovata ssp. bracteata</i> CP: rich woods on circumneutral soil (Anson, Bladen*, Caswell, Chatham*, Granville, Halifax, Harnett, Northampton, Stanly, Wake)	A Heartleaf Skullcap	W7		S2?	G5T3T5
<i>Scutellaria ovata ssp. ovata var. ovata</i> M: rich woods on circumneutral soil (Ashe, Burke*, Macon, Madison, Polk*, Stanly*, Transylvania, Wilkes*)	Heartleaf Skullcap	W7		S1	G5T5
<i>Scutellaria ovata ssp. rugosa</i> PM: rich woods on circumneutral soil (Haywood*, Mitchell*, Yancey*)	A Heartleaf Skullcap	W7		S1	GNR
<i>Scutellaria serrata</i> PM: deciduous forests (Alamance*, Alexander*, Alleghany, Ashe, Buncombe*, Burke, Caswell, Durham*, Granville, Harnett, Lee*, Macon, McDowell, Orange, Person, Rockingham*, Rutherford, Surry*, Wake)	Showy Skullcap	W1		S2S3	G4G5
<i>Senna hebecarpa</i> PM: forests (Buncombe, Burke, Durham, McDowell, Moore, Orange, Rowan, Rutherford, Surry)	Wild Senna	W7		S2S3	G5
<i>Sideroxylon lycioides</i> 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*)	Buckthorn Bumelia	W1		S2S3	G5

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<i>Silene caroliniana</i> var. <i>caroliniana</i>	Rock Catchfly	W7		S2S3	G5T4
P: open, rocky slopes (Anson*, Moore, Richmond*, Stanly, Union)					
<i>Silene caroliniana</i> var. <i>pensylvanica</i>	Sticky Catchfly	W7		S1S2	G5T4T5
CMP: open woodlands with sandy or sandy-loamy soils (Cumberland*, Dare*, Franklin*, Harnett*, Hoke, Johnston, Lenoir*, Macon, Moore, Orange*, Scotland, Wake)					
<i>Sisyrinchium montanum</i> var. <i>crebrum</i>	Strict Blue-eyed Grass	W7		S1?	G5T4T5
P: oak-hickory forests (Alleghany, McDowell, Rutherford)					
<i>Smilax pseudochina</i>	Long-stalk Greenbrier	W1		S3?	G4G5
C: streamheads, ecotones, borders of blackwater creek floodplains (Cumberland*, Gates*, Harnett, Hoke*, Martin, Moore, Onslow*, Robeson*)					
<i>Solidago arguta</i> var. <i>arguta</i>	Forest Goldenrod	W7		S2?	G5T4T5
MPC: forests (McDowell)					
<i>Solidago gracillima</i>	Graceful Goldenrod	W1		S3	G4?
CS: savannas, boggy sites, peaty places (Brunswick, Carteret, Columbus, Cumberland, Hoke, Jones, Montgomery, Moore, Onslow, Pender, Richmond)					
<i>Solidago lancifolia</i>	Lance-leaf Goldenrod	W7		SNR	G3G4Q
M: moist forests, mostly over 5000 feet					
<i>Solidago patula</i> var. <i>strictula</i>	Round-leaved Goldenrod	W1		S2?	G5T5
SPC: seeps, pocosins, peaty places (Brunswick*, Cumberland, Harnett, Hoke, Johnston*, Moore, Person, Richmond, Scotland, Wake)					
<i>Solidago puberula</i> var. <i>puberula</i>	Downy Goldenrod	W7		S2	G5T4T5
MP: bogs and wet meadows (Alleghany, Avery*, Burke*, Cabarrus*, Haywood*, Henderson*, Macon, Mitchell*, Surry*, Transylvania)					
<i>Solidago pulchra</i>	Carolina Goldenrod	W1		S3	G3
C: savannas (Bladen*, Brunswick, Carteret, Craven, Cumberland, Jones, New Hanover*, Onslow, Pender)					
<i>Solidago rugosa</i> var. <i>sphagnophila</i>	Rough-leaved Golden-rod	W7		S1	G5T3T5
CM: Boggy habitats					
<i>Solidago tarda</i>	Atlantic Goldenrod	W3		S1?	G4?Q
P: dry, disturbed roadside (Burke, McDowell, Rutherford)					
<i>Spergularia salina</i>	Saltmarsh Sandspurrey	W7		S1S2	G5
T: salt marshes and tidal flats (Brunswick*, Carteret, Currituck*, Dare*, Hyde*, Onslow, Pamlico*)					
<i>Sphenopholis intermedia</i>	Prairie Wedgescale	W7		S2	G5
MPC: rich woods (Ashe*, Cabarrus*, Caldwell*, Graham*, Guilford*, Haywood*, Madison*, Martin*, Mitchell*, Rutherford, Stokes*)					

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<i>Spiraea alba</i> M: bogs (Alleghany, Ashe, Avery, Buncombe*, Clay*, Henderson, Jackson*, Macon, Transylvania, Wilkes*)	Narrow-leaf Meadowsweet	W1		S2	G5
<i>Spiraea latifolia</i> M: bogs (Alleghany, Ashe, Avery*, Jackson*, Macon, Surry*, Transylvania*)	Broadleaf Meadowsweet	W7		S2?	G5
<i>Spirodela polyrrhiza</i> C: pools, stagnant waters (Bertie, Bladen, Currituck, Dare, Gates, Pender, Perquimans*, Washington)	Common Water-flaxseed	W7		S2?	G5
<i>Sporobolus pinetorum</i> CS: wet savannas (Bladen, Brunswick, Columbus, Cumberland, Duplin, Greene*, Harnett, Hoke, Jones, Lenoir*, Onslow, Pender, Richmond, Robeson*, Sampson*, Scotland)	Carolina Dropseed	W1		S3	G3
<i>Stachys aspera</i> PS: moist or wet sandy soil of savannas, marshes, or swamp forests (Moore, Person)	Rough Hedge-nettle	W7		S2?	G4?
<i>Stachys hyssopifolia</i> var. <i>hyssopifolia</i> CP: moist soils of savannas, marshes, seasonally flooded sinkhole ponds, roadside ditches, utility easements (Burke*, Columbus*, Davidson*, Harnett, Hoke, Jones*, Onslow, Scotland*, Stanly*)	Hyssopleaf Hedge-nettle	W7		S2	G5T4T5
<i>Stellaria alsine</i> MP: seeps and river banks (Buncombe, Haywood, Henderson, Madison, Polk, Transylvania)	Longstalk Starwort	W1		S3?	G5
<i>Stellaria corei</i> MP: coves, seeps, northern hardwood forests (Avery, Buncombe, Burke, Caldwell*, Catawba*, Clay, Haywood, Jackson, Macon, Madison, Mitchell, Polk, Swain, Watauga, Yancey)	Core's Starwort	W1		S3	G4
<i>Stuckenia pectinata</i> CT: Brackish and alkaline waters (Currituck*, Dare*)	Sago Pondweed	W1		S2?	G5
<i>Symphyotrichum elliotii</i> C: freshwater to brackish marshes, swamps, and ditches (Beaufort*, Brunswick, Chowan*, Dare*, Duplin*, Jones, New Hanover*, Onslow*, Pasquotank*, Pender, Tyrrell*)	Elliott's Aster	W1		S2S3	G4
<i>Symphyotrichum firmum</i> M: bogs and other wet places (Avery, Buncombe*, Clay, McDowell, Watauga, Yancey)	Purple-stem Aster	W7		S1	G5
<i>Symphyotrichum lanceolatum</i> var. <i>lanceolatum</i> P: sunny, wet meadows (Ashe, Hyde, McDowell)	Panicled Aster	W7		S2?	G5T5
<i>Symphyotrichum novae-angliae</i> M: wet meadows, bogs, prairies	New England Aster	W1		S3	G5

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<i>Symphiotrichum simmondsii</i> CP: wet ditches (Beaufort+, Brunswick+, Columbus+, Hyde+, Pender+, Rockingham+, Stokes+)	Simmonds' Aster	W7		S1?	G5
<i>Syngonanthus flavidulus</i> C: ditches, pocosin ecotones, savannas (Bladen, Brunswick, Carteret, Craven*, Cumberland, New Hanover*, Onslow, Pender, Sampson)	Yellow Hatpins	W1		S3	G5
<i>Tetragonotheca helianthoides</i> CMP: sandy woodlands, forests, roadsides (Burke, McDowell, Mecklenburg, Rutherford)	Pineland Squarehead	W1		S3?	G5
<i>Thermopsis villosa</i> M: forests and openings (Avery, Cherokee*, Clay, Graham, Haywood, Jackson*, Macon, Madison*, Surry*, Swain, Transylvania)	Aaron's-rod	W7		S2?	G3?
<i>Thuja occidentalis</i> M: calcareous rocks? (no known and documented native occurrences in North Carolina) (Alleghany+, Ashe+)	American Arborvitae	W3		SNR	G5
<i>Tilia americana</i> var. <i>americana</i> MP: rich cove forests (Burke, Catawba, Cherokee, Davidson*, Person, Swain*, Wake*, Watauga*)	American Basswood	W7		S1?	G5T5
<i>Tradescantia hirsuticaulis</i> MP: dry rocky woodlands and rock outcrops (Catawba, Jackson, Macon, Madison, McDowell, Orange*, Wake*)	Hairy Spiderwort	W7		S1	G5
<i>Triadenum tubulosum</i> C: wet sites, pools (Anson, Bertie, Davidson, Gaston, Mecklenburg, Watauga)	Marsh St. John's-wort	W7		S2?	G4?
<i>Tridens carolinianus</i> S: sandhills and pine flatwoods (Brunswick*, Cumberland, Harnett, Hoke, Moore, Richmond, Scotland)	Carolina Triodia	W1		S3	G3G4
<i>Trillium catesbaei</i> PCM: bottomland forests, mesic slopes, cove forests, and alluvial woods (Burke, Catawba, Cleveland, Durham, McDowell, Rutherford)	Catesby's Trillium	W5B		S4	G4
<i>Trillium cuneatum</i> PM: cove forests, moist slopes, and bottomlands; usually on circumneutral to basic soil (Anson, Burke, Cabarrus, Catawba, Davidson, Graham, Guilford, Henderson, Iredell, McDowell, Montgomery, Orange, Polk, Randolph, Richmond, Rowan, Rutherford, Stanly, Swain)	Little Sweet Trillium	W5B		S3	G4G5
<i>Trillium erectum</i> M: wooded slopes, usually at middle to high elevations (Alleghany, Burke, Wilkes)	Stinking Benjamin	W5B		S5	G5
<i>Trillium grandiflorum</i> MP: rich coves and mesic slopes (Ashe, Buncombe, Burke)	Large-flower Trillium	W5B		S5	G5
<i>Trillium luteum</i> M: moist coves over mafic or calcareous rocks (Graham)	Yellow Trillium	W5B		S2S3	G4

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<i>Trillium rugelii</i> 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)	Southern Nodding Trillium	W1		S3	G3
<i>Trillium sulcatum</i> M: coves and moist forests (Alleghany*, Ashe*, Burke, Caldwell*, Surry*, Watauga*, Wilkes*)	Barksdale Trillium	W5B		S3	G4
<i>Trillium undulatum</i> M: acidic soils of ridges, slopes, and bog margins, mostly at high elevations (Alleghany, Ashe, Jackson, Watauga)	Painted Trillium	W5B		S4	G5
<i>Triosteum angustifolium</i> P: thin woodlands over mafic rocks (Cabarrus*, Caswell, Durham, Granville, Guilford*, Mecklenburg*, Orange*, Randolph*)	Narrowleaf Tinker's-weed	W7		S2?	G5
<i>Triosteum aurantiacum</i> var. <i>aurantiacum</i> MP: rich cove forests over mafic rocks (Ashe, Graham, Granville, Haywood, Jackson, Macon, Madison, McDowell*, Transylvania)		W7		S2	G5T5
<i>Triphora trianthophoros</i> var. <i>trianthophoros</i> CMP: moist forests (Ashe*, Avery, Buncombe, Burke, Carteret, Cherokee, Clay, Dare, Graham, Haywood*, Henderson, Jackson*, Macon, McDowell, Polk*, Swain*, Transylvania, Yancey)	Three Birds Orchid	W1		S2S3	G3G4T3T
<i>Tsuga canadensis</i> 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)	Eastern Hemlock	W5A	FSC	S4S5	G4G5
<i>Tsuga caroliniana</i> MP: open forests on ridgetops, rocky bluffs, or gorge walls (Alexander, Ashe, Avery, Burke, Catawba, Cleveland, McDowell, Mecklenburg*, Rutherford, Stokes, Surry, Transylvania)	Carolina Hemlock	W5A	FSC	S3	G3
<i>Typha domingensis</i> CT: brackish marshes (Beaufort*, Brunswick, Carteret*, Dare, Hyde*, New Hanover*, Pamlico*, Pender*)	Southern Cattail	W7		S2?	G4G5
<i>Utricularia foliosa</i> C: habitat in North Carolina not known	Leafy Bladderwort	W3		SNR	G5
<i>Vaccinium hirsutum</i> M: ridgetop red oak forests, oak hickory forests, pine oak heath (Cherokee, Graham, Macon, Swain)	Hairy Blueberry	W1		S3	G3
<i>Valerianella umbilicata</i> PM: rich woods and disturbed sites (Forsyth*, Randolph*, Stokes*, Swain*)	Woodland Cornsalad	W7		SU	G3G5

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<i>Verbena hastata</i> CMP: marshes, bogs, and fields (Alleghany, Buncombe, Burke, Onslow, Wake)	Blue Vervain	W7		S2S3	G5
<i>Verbena scabra</i> CT: marsh edges, shell middens (Bladen*, Brunswick*, Carteret*, Chowan*, Currituck*, Hyde*, New Hanover*, Onslow, Pender, Pitt)	Sandpaper Vervain	W7		S2?	G5
<i>Verbesina helianthoides</i> M: open woods and glades	A Crownbeard	W3		SNR	G5
<i>Verbesina virginica</i> var. <i>virginica</i> CMPS: moist forests, especially over calcareous rocks (Jones, Macon, Richmond, Stanly)	Frostweed	W7		S2?	G5?T5?
<i>Veronica anagallis-aquatica</i> M: bogs, streambanks, rivulets (Avery, Madison*, Mitchell*)	Blue Water Speedwell	W7		S1	G5
<i>Veronicastrum virginicum</i> MP: bogs, wet meadows, dry soils over mafic rocks (Alleghany, Ashe, Avery*, Buncombe*, Durham*, Forsyth*, Granville, Jackson, Madison*, Orange*, Person*, Vance, Wake, Warren+, Yancey*)	Culver's-root	W7		S2?	G4
<i>Vigna luteola</i> C: marsh edges, wet open areas (Brunswick, New Hanover*)	Wild Cowpea	W7		S1?	G5
<i>Viola brittoniana</i> CSP: moist slopes and low wet places (Columbus, Cumberland, Currituck*, Gates, Harnett, Hertford*, Jones, Moore*, Northampton*, Perquimans*, Richmond*, Robeson*, Washington*)	Northern Coastal Violet	W7		S2?	G4G5
<i>Viola labradorica</i> MP: rich cove forests, bottomlands and seepage slopes (Alexander*, Alleghany, Ashe, Cherokee*, Clay*, Haywood*, Henderson, Iredell, Macon, Swain, Vance*)	Alpine Violet	W7		S2?	G5
<i>Viola tripartita</i> MP: forests associated with basic soils (Buncombe*, Burke, Catawba*, Clay*, Davidson*, Forsyth*, Graham*, Henderson+, Iredell*, Mitchell*, Orange*, Polk, Rockingham*, Rowan*, Stanly*, Stokes*, Transylvania, Yancey*)	Three-parted Violet	W7		S2?	G5
<i>Viola villosa</i> CSP: moist places, especially pocosin edges (Anson*, Bladen*, Cumberland, Hoke, New Hanover*, Onslow*, Pender, Richmond, Scotland)	Carolina Violet	W7		S2	G5
<i>Xyris brevifolia</i> C: savannas, other low wet areas (Bladen, Brunswick, Carteret, Columbus+, Craven, Onslow, Pender, Sampson)	Shortleaf Yellow-eyed-grass	W1		S3	G4G5
<i>Xyris flabelliformis</i> CPS: savannas, streamhead pocosins (Bladen, Brunswick, Carteret, Onslow, Pender)	Savanna Yellow-eyed-grass	W1		S1	G4

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<i>Xyris iridifolia</i> CS: limesink ponds, pineland pools, marshes (Beaufort*, Bladen, Brunswick, Carteret*, Columbus*, Craven, Cumberland, Jones*, Onslow, Pender, Richmond, Robeson)	Iris-leaf Yellow-eyed-grass	W7		S2	G4G5T4T
<i>Xyris smalliana</i> CS: pineland pools, limesink ponds, shores (Bladen, Brunswick, Carteret, Columbus, Craven*, Moore, New Hanover, Onslow, Richmond, Sampson, Scotland)	Small's Yellow-eyed-grass	W1		S3	G5
<i>Xyris sp. 1</i> SC: Wet savannas and pond margins (Carteret, Onslow, Pender, Sampson, Scotland)	Small-seeded Xyris	W2		S2	G2
<i>Yucca aloifolia</i> T: dunes (Brunswick+, Carteret, Dare+, Hyde, New Hanover, Pender)	Aloe Yucca	W1		S2?	G5
<i>Yucca flaccida</i> CSPM: open, dry woodlands (Alleghany, Burke, Catawba, Cherokee*, Lee*, Lenoir*, McDowell)	Weakleaf Yucca	W7		S1	G5
<i>Zannichellia palustris</i> TC: calcareous or brackish waters of pools and estuaries (Brunswick*, Craven, Currituck*, Dare*, Hyde*, Pamlico*, Tyrrell*)	Horned Pondweed	W7		S2?	G5
<i>Zizania aquatica</i> var. <i>aquatica</i> C: freshwater marshes (Brunswick, Carteret, Craven, Dare, Gates, Jones, New Hanover, Pender, Washington)	Indian Wild Rice	W7		S2	G5T5

Mosses

<i>Amblystegium humile</i> CP: wet substrates (Bertie, Brunswick, Buncombe, Caswell*, Durham, Edgecombe, McDowell, Moore, Pasquotank, Tyrrell)	A Thin-net Moss	W7		S2?	G5
<i>Amphidium mougeotii</i> M: Seasonally wet crevices of neutral to acidic cliffs (Ashe*, Haywood*, Jackson, Macon, Polk*, Transylvania*, Watauga*)	Mougeot's Yoke Moss	W7		S2?	G5
<i>Anacamptodon splachnoides</i> MP: bark of trees (Burke*, Chatham*, Clay*, Durham*, Graham*, Haywood*, Henderson*, Jackson, Macon*, McDowell, Mitchell*, Moore*, Orange*, Stokes*, Yancey*)	Knothole Moss	W7		S2?	G3G5
<i>Andreaea rothii</i> var. <i>rothii</i> MP: shaded, calcium-free rocks (Burke, Haywood, Jackson, Macon, McDowell*, Mitchell, Stokes*, Swain*, Yancey)	Black Falcate Split Moss	W7		S2?	G5TNR
<i>Andreaea rupestris</i> MP: rock, typically acidic (Buncombe*, Burke, Jackson, Mitchell*, Rutherford)	Rock Split Moss	W1		S2?	G5
<i>Anomobryum julaceum</i> M: high elevations on soil and rocks (Ashe*, Jackson*, Macon*, Rutherford*, Transylvania*)	Common Silver Moss	W7		SH	G4G5

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<i>Archidium ohioense</i> CMP: open ground of old fields or meadows (Cumberland*, Durham*, Forsyth*, Transylvania*)	Tokyo Soil Moss	W7		SH	G4G5
<i>Atrichum altecristatum</i> MP: open or semishaded soils, usually low elevations (Buncombe*, Burke, Jackson, Macon, Orange, Transylvania)	A Catherinea Moss	W7		S2?	G4G5Q
<i>Atrichum cylindricum</i> CP: moist soils of ditches and stream banks in bottomlands and swamp forests (Bertie*, Columbus*, Craven, Currituck, Franklin*, Johnston, Moore*, Orange)	A Catherinea Moss	W7		S2?	G5
<i>Atrichum tenellum</i> P: wet depressions and bogs (McDowell, Rutherford)	A Catharinea Moss	W7		S1?	G4G5
<i>Barbula indica</i> var. <i>indica</i> CMP: soil, clay, limestone, cement, walls (Beaufort*, Brunswick*, Columbus*, Forsyth*, Macon*, McDowell*, New Hanover*, Pender*)	Small Twist Teeth Moss	W7		S2?	G5?T5?
<i>Blindia acuta</i> M: moist or dripping acidic rock faces (Graham*, Transylvania*, Wilkes*)	Sharp-pointed Weissia	W7		S2?	G5
<i>Brachelyma subulatum</i> CP: bases of trees or on hard surfaces in swampy areas (Bladen, Columbus, Greene*, Hertford*, McDowell, Mecklenburg*)	A Moss	W7		S2?	G4G5
<i>Brachythecium acuminatum</i> var. <i>cyrtophyllum</i> bark at base of trees, logs	Acuminate Brachythecium	W7		S2?	G5TNR
<i>Brachythecium oedipodium</i> M: on humus, rocks in moist, shaded areas, spruce-fir forest (Jackson*, Polk*, Swain*)	Sprawling Grass Moss	W7		S2?	G4G5
<i>Brachythecium plumosum</i> CM: moist, acid rocks in or near streams (Columbus*, Harnett*, Haywood, Jackson, McDowell, Rutherford, Transylvania, Watauga, Yancey*)	Rusty Feather Moss	W7		S2?	G5
<i>Brachythecium reflexum</i> M: on trees and boulders (Jackson, Watauga)	Reflexed Feather Moss	W7		S2?	G4G5
<i>Brachythecium rutabulum</i> MP: trees, humus, rocks in wet forests (Avery*, Durham*, Jackson, Mecklenburg*, Rowan*, Swain*)	Rough-stalked Feather Moss	W7		S2?	G5
<i>Brachythecium salebrosum</i> MP: shaded sills, rocks, bases of trees, and logs in disturbed places (Forsyth*, Graham, Macon*, Watauga*, Yancey*)	Smooth-stalked Yellow Feather Moss	W7		S2?	G5
<i>Brachythecium velutinum</i> M: high elevation forests (Buncombe, Rutherford)	Velvet Moss	W7		S1?	G5

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<i>Brothera leana</i> MP: on logs in forests; on thin soil around rock outcrops (Ashe, Avery, Burke*, Haywood*, Jackson*, McDowell*, Rutherford*, Stokes, Surry, Watauga*)	Boar Moss	W7		S2?	G3G4
<i>Bruchia ravenelii</i> S: sandy soil of old fields and open woods (Cumberland*, Harnett*, Hoke*, Johnston*, Richmond*, Wake*)	A Pygmy Moss	W7		SH	G3?
<i>Bruchia texana</i> CPS: moist clay or sandy soil in open areas (Durham*, Harnett*, Mecklenburg*, Pender*, Richmond*)	Texas Bruchia Moss	W7		SH	G3G5
<i>Bryhnia novae-angliae</i> CM: soil, humus, or rotten logs of shady, wet places (Haywood, Macon, Martin*, Transylvania, Tyrrell)	Arrowhead Moss	W1		S2?	G5
<i>Bryoerythrophyllum recurvirostrum</i> M: on soil, rock, and bark in forested boggy areas and stream banks (Clay*, Jackson, Macon*, Transylvania*)	A Red Foot Moss	W7		S2?	G5
<i>Campylostelium saxicola</i> M: acidic sandstone boulders and cliffs, and sandstone rock shelters (Macon*, Swain*, Transylvania*, Watauga*)	Sandstone Grimmia	W7		S2?	G3G5
<i>Cryphaea ravenelii</i> PC: on bark of trees (Anson*, Chatham*, Durham*, Halifax*, Harnett*, Hertford*, Person*)	A Thread Cedar Moss	W7		S2?	G3?
<i>Cynodontium schisti</i> PM: rock crevices, thin soil over rock (Burke, McDowell*)	Cynodontium Moss	W7		S1	G3G5
<i>Dicranum bonjeanii</i> M: mainly in eutrophic fens, sometimes on calcareous soil or rock (Ashe*, Avery*, Haywood*, Jackson*, Macon*, Mitchell*, Transylvania*, Yancey*)	Thin-rib Curved-tail Moss	W7		S2?	G4G5
<i>Dicranum fuscescens</i> 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)	Fuscous Moss	W7		S2?	G5
<i>Dicranum spurium</i> CMP: sandy soil, decayed logs, acidic rock, humus over rock, pine woods, sometimes bogs (Alexander*, Alleghany*, Avery*, Burke*, Carteret*, Franklin*, Jackson*, Macon*, Stokes*, Surry*)	Rusty Fork Moss	W7		S2?	G5
<i>Diphyscium mucronifolium</i> MP: wet rocks at spray cliffs and cove forests (Burke, Graham)	Grain o'Wheat Moss	W7		S1?	G4
<i>Entosthodon drummondii</i> CPS: primarily sandy soils of disturbed, often wet areas (Durham*, Harnett*, Moore*, Pender*, Randolph*, Tyrrell*)	A Cord Moss	W7		SH	G4G5

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<i>Ephemerum spinulosum</i> CP: moist or drying soil in disturbed, partly sunny areas, or on rotting wood (Columbus*, Durham, Mecklenburg*, Orange)	Emerald Dewdrops	W7		S2?	G4G5
<i>Fabronia ciliaris</i> var. <i>polycarpa</i> CMPT: bark of trees, less commonly on rocks (Alexander*, Carteret*, Clay*, Cumberland*, Hyde*, Jackson*, Rowan*, Rutherford, Transylvania*, Washington*)	A False Crushed-rice Moss	W7		S2?	G5T4T5
<i>Fissidens adianthoides</i> 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+)	Maiden Hair Moss	W7		S1	G5
<i>Fissidens appalachensis</i> M: submerged in rapids of moderate to high elevation mountain streams (Buncombe*, Caldwell*, Jackson*, Macon*, McDowell*, Rutherford, Swain*, Watauga*)	Appalachian Pocket Moss	W7		S2S3	G2G3
<i>Fissidens elegans</i> 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*)	A Plume Moss	W7		S2?	G5
<i>Fissidens exilis</i> P: stream banks (Cleveland, Durham, Gaston*)	Small Pocket Moss	W4		SNA	G3G4
<i>Fissidens fontanus</i> 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+)	Water Pocket Moss	W7		S2?	G5
<i>Fissidens polypodioides</i> Calcareous soil, and limestone rocks along streams and in ravines	A Moss	W7		S2?	G4G5
<i>Fontinalis flaccida</i> CMP: bases of trees in brooks or swamps, submerged (Bladen*, Brunswick*, Columbus*, Harnett, Jackson, Macon, Mitchell*, Wake*)	A Water Moss	W7		S2?	G4G5
<i>Fontinalis sullivantii</i> CM: rocks or trees in pools or streams (Brunswick*, Columbus*, Gates*, Macon, Mitchell*, Nash)	A Water Moss	W7		S2?	G3G5
<i>Funaria serrata</i> CP: on soil of disturbed places, near streams or ditches (Chatham*, Durham*, Forsyth*, Gaston*, Hertford*, Johnston*, Nash*, Randolph*)	A Cord Moss	W7		SH	G4
<i>Grimmia olneyi</i> MP: faces of dry to periodically wet rocks, along streams or splash zones of lakes (Alexander*, Alleghany*, Burke*, Forsyth*, Jackson*, Macon*, Montgomery*, Polk*)	A Beard Moss	W7		S2?	G3G5

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<i>Helodium paludosum</i> 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*)	Pond Fern Moss	W7		S2?	G3G5
<i>Herpetineuron toccoe</i> M: bark of trees or calcareous to non-calcareous rocks (Graham*, Jackson*, McDowell*, Transylvania)	Coiled Moss	W7		S2?	G4G5
<i>Hygroamblystegium fluviatile</i> CMP: wet, calcareous rocks (Avery*, Burke*, Harnett, McDowell*, Wake)	Brookside Feather Moss	W7		S2?	G5
<i>Hypnum fauriei</i> MP: logs and tree bases in deciduous forest (Haywood, Jackson, Johnston*, Macon, Moore*, Orange, Swain*, Transylvania, Watauga, Yancey)	A Cedar Moss	W7		S2?	G5
<i>Hypnum plicatulum</i> M: epiphytic, terrestrial, and on humus over rock (Haywood*, Jackson, Swain*, Transylvania*, Yancey*)	A Cedar Moss	W7		S2?	G5
<i>Leskea australis</i> P: lower parts of hardwood trees and bald cypress and logs in woods along rivers, swamps (Orange)	A Dusky Moss	W7		S2?	G4
<i>Leucodon andrewsianus</i> M: trunks of trees, occasionally on rocks (Ashe*, Haywood*, Jackson, Macon*, Rutherford*, Watauga)	Squirrel Tail Moss	W7		S2?	G5T5
<i>Micromitrium megalosporum</i> CMP: unfertilized bare soil, in sun or partial shade (Bladen*, Columbus*, Durham*, Mecklenburg*, Transylvania*, Wilson*)	A Moss	W7		S2?	G4
<i>Philonotis longiseta</i> CMP: soil or rock, often on wet embankments (Alleghany*, Forsyth*, Haywood*, Jackson*, Jones*, Lee*, McDowell*, Stokes*, Swain*, Transylvania)	An Apple Moss	W7		S2?	G3G4
<i>Philonotis marchica</i> CMP: rocks and soil in wet places, roadsides, springs (Forsyth*, Franklin*, Harnett*, Haywood*, Jackson, Macon, McDowell*, Rutherford, Swain*, Tyrrell, Watauga)	An Apple Moss	W7		S2?	G5
<i>Platydictya subtilis</i> CMP: bark at base of hardwoods, rarely on logs (Brunswick*, Clay*, Currituck, Durham*, Haywood, Jackson+, McDowell, Surry, Transylvania+, Watauga)	A Moss	W7		S2?	G3G5
<i>Pohlia longicollis</i> M: rocks on cliffs, in crevices, on humus or soil (Jackson, Swain*, Yancey*)	Long Neck Nodding Moss	W1		S2?	G4G5
<i>Polytrichum appalachianum</i> MP: rocky summits, mostly in high elevations (Ashe, Avery, Buncombe*, Burke*, Haywood*, Jackson, Macon*, Mitchell, Stokes, Transylvania*, Watauga, Yancey*)	Appalachian Haircap Moss	W1		S3	G3

Scientific Name Region: Habitat Comments (Counties of Occurrence)	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global
<i>Pterigynandrum filiforme</i> M: mesic, acidic boulders and rock shelves (Buncombe*, Jackson*, McDowell*, Mitchell*, Swain*)	Twisted Thread Moss	W7		SH	G4G5
<i>Pylaisiella polyantha</i> MP: on tree trunks and bases or logs (Forsyth*, Haywood, Mitchell*, Rutherford, Transylvania*)	Many-fruited Feather Moss	W1		S2?	G5
<i>Rauiella scita</i> M: on rocks, trees, logs (Alexander*, Alleghany*, Ashe*, Avery*, Haywood*, Jackson*, Macon*, McDowell*, Transylvania*, Watauga*, Wilkes*, Yancey*)	Smaller Fern Moss	W7		S2?	G3G5
<i>Sphagnum cribrosum</i> CS: in blackwater streams; ditches (Beaufort*, Bladen, Brunswick*, Carteret*, Craven, Duplin*, Sampson*)	Florida Peatmoss	W7		S2?	G3T3
<i>Sphagnum fitzgeraldii</i> C: pocosins and savannas (Bladen, Brunswick, Carteret, Craven, Duplin*, Onslow, Pamlico, Pender)	Fitzgerald's Peatmoss	W1		S2S3	G2G3
<i>Sphagnum henryense</i> CMP: bogs (Alleghany, Anson, Beaufort, Bladen, Brunswick*, Carteret*, Craven, Cumberland, Gates*, Hyde, Iredell*, Jackson, Johnston*, Moore*, Onslow, Pender*, Richmond*, Robeson*, Sampson*, Scotland, Tyrrell)	Peatmoss	W1		S2S3	G4?
<i>Sphagnum subtile</i> M: bogs and near wet rock outcrops (Ashe, Avery*, Haywood, Jackson, Macon, Swain, Transylvania*, Watauga)	Peatmoss	W1		S3	G5?Q
<i>Thuidium allenii</i> 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)	Fernmoss	W7		S2?	G3G5
<i>Thuidium recognitum</i> MP: on moist soil, humus, or rocks, in calcareous habitats, in woodlands, in clearings (Ashe*, Madison*, McDowell, Orange*, Randolph*, Watauga*, Yadkin*)	Hokkaido Fern Moss	W7		S2?	G5
<i>Tortella flavovirens</i> T: dune swales (Brunswick, Carteret*, Dare, Hyde)	Beach Moss	W7		S3	G4G5
<i>Tuerckheimia svihlae</i> moist, calcareous rocks, stream margins in forests	A Moss	W7		S2?	GNR
<i>Weissia brachycarpa</i> Habitat and locations in NC have not been confirmed.	A Moss	W3		SH	GNR
<i>Weissia muehlenbergiana</i> CP: soil among grasses, roadsides (Brunswick*, Davidson*, Durham*, Madison*, Mecklenburg*, New Hanover*, Orange*, Pender*, Wake)	A Moss	W7		S2?	G5

Scientific Name Region: Habitat Comments (Counties of Occurrence)	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global
<i>Zygodon viridissimus var. rupestris</i>	A Moss	W7		S2?	G5T5
M: trunks of trees and on rocks (Avery*, Burke*, Caldwell*, Haywood, Jackson, Macon*, Mitchell, Swain*, Watauga*, Yancey*)					
<u>Liverworts</u>					
<i>Barbilophozia attenuata</i>	A Liverwort	W7		S2	G5
M: on rocks in spruce-fir forests (Avery*, Buncombe*, Haywood*, Transylvania*, Yancey*)					
<i>Cephaloziella massalongi</i>	A Liverwort	W7		S1	G3G5
M: high elevation rocky summits (Rutherford, Swain*)					
<i>Cephaloziella obtusilobula</i>	Roundleaf Liverwort	W2	FSC	S1?	G1?Q
M: high elevation cliffs or other moist rocks (Burke*, Macon*, Rutherford)					
<i>Diplophyllum andrewsii</i>	A Liverwort	W7		S2	G3
M: on soil or rocks on banks (Avery*, Buncombe*, Burke*, Graham*, Jackson, Macon*, McDowell*, Swain*, Yancey*)					
<i>Diplophyllum taxifolium var. taxifolium</i>	A Liverwort	W7		S2?	G5T5
M: crevices and underledges of rock outcrops, mostly in spruce-fir forests at high elevations (Ashe*, Buncombe*, Burke*, Caldwell*, Clay*, Haywood*, Jackson*, Macon*, Mitchell*, Swain*, Transylvania*, Yancey*)					
<i>Dumortiera hirsuta ssp. nepalensis</i>	A Liverwort	W1		S1	G5T5
M: in grottoes behind waterfalls in humid gorges (Graham*, Jackson*, Macon*, Rutherford)					
<i>Frullania oakesiana</i>	A Liverwort	W7		SH	G4
M: on bark of conifers or deciduous trees at high elevations (Avery*, Buncombe*, Haywood*, Jackson*, Macon*, McDowell*, Mitchell*, Swain*, Watauga*, Yancey*)					
<i>Frullania plana</i>	A Liverwort	W7		SH	G4
MP: on rock outcrops in gorges or near rivers (Burke*, Durham*, Graham*, Haywood*, Jackson*, Macon*, McDowell, Polk*, Stokes*)					
<i>Lophozia capitata</i>	A Liverwort	W7		S1	G4
CPM: in moist depressions in savannas or on clay-pans in the piedmont, rock outcrops (Durham*, Jones*, Onslow*, Orange*, Watauga)					
<i>Mannia triandra</i>	A Liverwort	W7		S1	G3G4
M: on limestone (McDowell*)					
<i>Metzgeria furcata var. setigera</i>	A Liverwort	W7		SH	G5T1
M: damp shaded rocks at high elevations in spruce-fir forests or in humid gorges (Caldwell*, McDowell, Swain*)					
<i>Metzgeria pubescens</i>	A Liverwort	W7		SH	G5
M: on bark of trees (Buncombe*, Swain*)					

Scientific Name Region: Habitat Comments (Counties of Occurrence)	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global
<i>Metzgeria uncigera</i> CTM: on bark in maritime forests or on rhododendron in mountain forests (Brunswick, Carteret*, Gates*, Graham*, Hyde*, New Hanover*, Pamlico*)	A Liverwort	W7		S1	G3
<i>Pellia appalachiana</i> MPC: on moist rock outcrops, usually near waterfalls, streams, or pools (Gaston, Graham, Macon*, Pender*, Transylvania, Wake*)	A Liverwort	W7		S1	G4
<i>Plagiochila columbiana</i> P: on thin soil over boulders on floodplains (Durham*, Orange*)	A Liverwort	W2		SH	GHQ
<i>Plagiochila undata</i> CMP: on rocks or bark (Anson*, Chatham*, Columbus*, Durham*, Madison*, McDowell*, Orange*, Polk*, Rutherford, Stanly*)	A Liverwort	W7		S2	G4G5
<i>Plagiochila virginica</i> var. <i>euryphylla</i> M: rockfaces in the sprayzone of waterfalls (Transylvania*)	A Liverwort	W2		SH	G3THQ
<i>Porella japonica</i> ssp. <i>appalachiana</i> M: on rocks in spray zones of waterfalls	A Liverwort	W3		SNR	G5?T1
<i>Ptilidium pulcherrimum</i> MP: on bark of trees in moist forests (Ashe, Avery*, Gaston, Haywood*, Mitchell*, Watauga*)	A Liverwort	W7		S1	G5
<i>Radula sullivantii</i> M: on moist rocks, mostly in spray zones of waterfalls (Cherokee, Graham, Henderson, Macon, Transylvania)	A Liverwort	W1		S3	G3
<i>Radula tenax</i> M: on moist rocks or bark in humid gorges and cove forests (Ashe*, Buncombe*, Burke*, Caldwell*, Jackson*, Macon*, Mitchell*, Swain*, Transylvania*, Watauga*, Yancey*)	A Liverwort	W7		S2	G3G4
<i>Reboulia hemisphaerica</i> ssp. <i>dioica</i> M: in spray zone of waterfalls in humid gorges (Macon*, McDowell, Rutherford)	A Liverwort	W7		S1	G5T2?Q
<i>Riccia beyrichiana</i> CP: moist soil and gravel (Bladen, Durham*, Orange*, Robeson*, Rutherford)	A Liverwort	W7		S1S2	G5
<i>Ricciocarpos natans</i> C: floating in shaded ponds or pools (Dare*)	A Liverwort	W1		S1	G5
<u>Hornworts</u>					
<i>Aspiromitus adscendens</i> CP: old fields (Bladen*, Columbus*, Durham*, Jones*, Wilson*)	A Hornwort	W7		S2?	G3?
<i>Megaceros aenigmaticus</i> M: on rocks in streams (Cherokee, Clay, Graham, Haywood, Macon, Swain)	A Hornwort	W1		S3	G3
<i>Notothylas orbicularis</i> var. <i>pseudotemperata</i> C: damp mineral soil (Columbus*)	A Hornwort	W2		SH	G5T1Q

Scientific Name Region: Habitat Comments (Counties of Occurrence)	Common Name	Status		Rank	
		N.C.	U.S.	N.C.	Global
<u>Lichens</u>					
<i>Cladonia evansii</i> C: sandhills (primarily near the coast) usually associated with Quercus geminata (Bladen, Brunswick, Carteret, Columbus, Craven*, Dare, Jones, New Hanover, Onslow, Pender)	Powder-puff Lichen	W7		S2	G3G5
<i>Ephebe solida</i> M: on rocks in rapidly flowing water and possibly moist grottoes around mountain spray cliffs (Burke, Cherokee, Graham, Jackson, Macon, Transylvania)	A Rockshag Lichen	W1		S3	G3G4
<i>Fellhanera erinae</i> M: rotting wood in rich cove forests (Haywood)	Erin's Fellhanera	W7		S1	G1
<i>Fellhanera hybrida</i> MP: shaded siliceous rock and bases of trees (Henderson, Wake)	Piedmont Crustose Lichen	W7		S2?	G2?
<i>Fellhanera montesfumosi</i> M: on acidic rock	Smoky Mountain Crustose Lichen	W7		S1	G1
<i>Heterodermia erecta</i> M: on hardwood trees in high elevation forests (Graham, Macon)	A Centipede Lichen	W7		S1?	G1?
<i>Ochrolechia yasudae</i> M: on bark or rock (Ashe*, Buncombe*, Macon*)	Coral Saucer Lichen	W7		SH	G3G4
<i>Opegrapha moroziana</i> M: fine grained sandstones (Avery*)	A Scribble Lichen	W7		SH	G1?
<i>Peltigera hydrothyria</i> MP: rocks and boulders in small streams (Avery, Buncombe, Cherokee, Clay, Graham, Haywood, Jackson, Macon, Swain, Transylvania)	Waterfan Lichen	W1		S3	G4
<i>Pertusaria appalachensis</i> M: bark of hardwoods at middle to high elevations (Graham, Macon)	Appalachian Wart Lichen	W7		S1?	G2?
<i>Platismatia glauca</i> M: on bark of spruce, fir, or hardwoods in the spruce-fir zone (Avery*, Haywood*, Jackson*, Swain*, Yancey*)	Varied Rag Lichen	W7		SH	G5
<i>Porpidia cinereoatra</i> M: high elevation rocky summits (Mitchell*)	Boulder Lichen	W7		S1	G5?
<i>Porpidia macrocarpa</i> M: high elevation rocky summits (Mitchell*)	Boulder Lichen	W7		S1?	G4
<i>Porpidia tuberculosa</i> M: high elevation rocky summits (Mitchell*)	Boulder Lichen	W7		S1	G2G4
<i>Punctelia reddenda</i> M: on bark of hardwoods at high elevations (generally spruce-fir zone) (Buncombe*, Haywood*, Jackson*, Swain*, Yancey*)	Speckled Shield Lichen	W7		S2	G5

Watch Category 6 (W6 - 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 var. *rotundifolia*
Kalmia buxifolium
Pinguicula caerulea
Pleea tenuifolia
Rhododendron catawbiense
Rhododendron minus
Magnolia tripetala
Pellaea atropurpurea
Platanthera lacera
Stenanthium gramineum
Viola blanda

COASTAL PLAIN

Anemone quinquefolia
Castilleja coccinea
Clematis ochroleuca
Clematis virginiana
Delphinium tricornis
Kalmia buxifolium
Ranunculus hispidus
Symphyotrichum cordifolium

Watch List Category 6 *continued*

MOUNTAINS

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

PIEDMONT

<i>Aconitum uncinatum</i> [lower Piedmont only]	<i>Paronychia argyrocoma</i>
<i>Actaea pachypoda</i>	<i>Phalaris arundinacea</i>
<i>Aralia nudicaulis</i>	<i>Pieris floribunda</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>Campanulastrum americanum</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>Dryopteris intermedia</i>	<i>Sarracenia purpurea</i>
<i>Eleocharis microcarpa</i>	<i>Eriocaulon compressum</i>
<i>Eryngium integrifolium</i>	<i>Scirpus pungens</i> [= <i>Scirpus americanus</i>]
<i>Hydrophyllum canadense</i>	<i>Sium suave</i>
<i>Hydrophyllum virginianum</i>	<i>Smilax laurifolia</i>
<i>Lachnocaulon anceps</i>	<i>Symplocarpus foetidus</i>
<i>Diphasiastrum tristachyum</i> [= <i>Lycopodium t.</i>]	<i>Tsuga canadensis</i> [lower Piedmont only]
<i>Magnolia virginiana</i>	<i>Xyris baldwiniana</i>
<i>Micranthes micranthidifolia</i> [= <i>Saxifraga m.</i>]	<i>Xyris curtissii</i>
<i>Morella caroliniensis</i>	<i>Xyris jupicai</i>

PLANT TAXA ENDEMIC TO NORTH CAROLINA

Scientific Name	Common Name	N.C. Rank	Global Rank	N.C. Status	U.S. Status
<i>Allium sp. 1</i>	Savanna Onion	S1S2	G1G2	SR-L	FSC
<i>Carex lutea</i>	Golden Sedge	S2	G2	E	E
<i>Cladonia psoromica</i>	Bluff Mountain Reindeer Lichen	S1	G1	T	FSC
<i>Crataegus pallens</i>	Pale Hawthorn	S1S2	G1G2	SR-L	N/A
<i>Fellhanera erinae</i>	Erin's Fellhanera	S1	G1	W7	N/A
<i>Fellhanera montesfumosi</i>	Smoky Mountain Crustose Lichen	S1	G1	W7	N/A
<i>Gaylussacia orocola</i>	Appalachian Dwarf Huckleberry	S1	G1	SR-L	N/A
<i>Hudsonia montana</i>	Mountain Golden-heather	S1	G1	T	T
<i>Hypericum radfordiorum</i>	Radford's St. John's-wort	S2	G2	SR-L	FSC
<i>Isoetes microvela</i>	Thin-wall Quillwort	S1	G1	T	FSC
<i>Lejeunea glaucescens</i> var. <i>acrogyna</i>	Raven Rock Liverwort	SX	G5TH	SR-L	N/A
<i>Liatris helleri</i>	Heller's Blazing-star	S2	G2	T	T
<i>Narthecium montanum</i>	Appalachian Yellow Asphodel	SX	GX	SC-H	N/A
<i>Orbexilum macrophyllum</i>	Bigleaf Scurfpea	SX	GX	SC-H	FSC
<i>Scleria sp. 1</i>	Smooth-seeded Hairy Nutrush	S1	G1	SR-L	FSC
<i>Shortia galacifolia</i> var. <i>brevistyla</i>	Northern Oconee Bells	S2	G2G3T2	E-SC	FSC
<i>Solidago plumosa</i>	Yadkin River Goldenrod	S1	G1	E	C
<i>Solidago villosicarpa</i>	Coastal Goldenrod	S1	G1	E	FSC
<i>Symphyotrichum rhiannon</i>	Buck Creek Aster	S1	G1	SR-L	FSC

POTENTIAL NEW TO NORTH CAROLINA PLANTS

The following list is of species not currently known to occur in North Carolina, but which are considered to have some possibility of being found in North Carolina, based on their currently known range and habitat preferences. Most are species which 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 foster understanding of the flora of North Carolina by challenging botanists to find new state records; this list should give field investigators an idea of some of the species that may be native 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 being aware of the possibilities and by species-directed searching. State records of native vascular plants are being found at the rate of about five per year. Our knowledge of North Carolina's flora is still imperfect, and many natural areas are being destroyed before they can be investigated; certainly 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, with the distance from North Carolina in number of counties in brackets. For instance [1] indicates that the species has been reported from a county immediately adjacent to North Carolina; [5] indicates that the species has been reported from a county five counties away from the North Carolina border. An average county width in and around North Carolina is about 25 miles, therefore [5] indicates an approximate distance from North Carolina of 100-125 miles. While distance from the state is an interesting piece of information, it is probably a poor indicator of the probability of occurrence in North Carolina, since long distance disjunctions to the mountains (from the north) and to the coastal plain (from the south) are frequent. In the coming years, some of the species on this list will almost certainly be added to the flora of North Carolina.

Agalinis auriculata P (mafic glades) – SC: York [1]
Aletris obovata - C (savannas) – SC: Beaufort [4]
Alnus incana ssp. *rugosa* - M (moist mountain slopes) – VA: Nelson [4]
Amphianthus pusillus - P (pools on granitic flatrocks) – SC: Lancaster [1]
Anemone canadensis - M – VA: Rockingham [5]
Antennaria virginica - MP (rock outcrops) – VA: Carroll, Patrick [1]
Aralia hispida - M (dry rocky woods) – VA: Augusta [4]
Armoracia lacustris - C (shallow water) – VA: Southampton [1]
Asclepias cinerea - C (savannas) – SC: Hampton & Jasper [5]
Asclepias michauxii - C (savannas and pinelands) – SC: Williamsburg & Florence [2]
Asclepias obovata - C (sandy pinelands) – SC: Charleston [3]
Asclepias perennis - C (swamp forests) – SC: Marion [2]
Asplenium septentrionale - M (rock outcrops) – WV: Monroe [4]
Asplenium trichomanes ssp. *quadrivalens* - MP (calcareous outcrops) – VA: Giles [3]
Asplenium x trudellii - PM (moist cliffs, acidic outcrops and bluffs) – VA: Lee, Pittsylvania [1]
Astragalus distortus - P (glades, dry shaly places) – VA: Pittsylvania [1]
Baptisia perfoliata - SC (sandhills) – SC: Lexington [4]
Batis maritima - C (salt and brackish marshes) – SC: Charleston [3]
Berlandiera pumila - S (sandy woods and fields) – SC: Chesterfield, Darlington [1]
Bothriochloa saccharoides - M (dry openings) - TN
Bromus kalmii - M – VA: Augusta, Bath [4]
Carex brevior (*C. molesta*)- M (dry woods) – VA: Wythe [2]

Carex conjuncta - MC (mesic woods) – VA: Russell, Southampton [1]
Carex pallescens - M (grassy balds) – TN: Unicoi [1]
Carex polymorpha - M (dry upland woods or wetland margins) – VA: Augusta [4]
Carex sp. 3 - M (rich cove forests) – SC: Oconee, Pickens [1]
Ceratiola ericoides - CS (sandhills) – SC: Horry [1]
Chamaecrista nictitans var. *aspera* - C (savannas) – SC: Charleston [3]
Cheilanthes castanea - MP (dry, shaly outcrops) – VA: Carroll, Pittsylvania, Pulaski, Montgomery [1]
Cheilanthes feei - M (calcareous outcrops) – VA: Pulaski [2]
Cimicifuga rubifolia - M (cove forests) – VA: Scott [2]
Clematis reticulata - C - (dry sandy woods) – VA: Darlington [2]
Collinsia verna - M - (rich moist woods) – VA: Smyth [2]
Coreopsis integrifolia - C (creek banks and floodplains) – SC: Berkeley [3]
Coreopsis rosea - C (drawdown zones of blackwater rivers, limesink ponds, Carolina bays) – SC: Horry [1]
Cornus canadensis - M (mountain forests) – VA: Albemarle, Bath [4]
Cornus rugosa - M – VA: Craig, Giles [3]
Cypripedium kentuckiense - M (forests) - TN, KY, VA
Dasistoma macrophylla - P (glades) – SC: York [1]
Delphinium carolinianum - P (glades) – SC: Lancaster [1]
Desmodium floridanum - C - (dry sandy areas) – SC: Beaufort, Jasper [4]
Dioscorea floridana - C (moist woods) – SC: Williamsburg [3]
Draba aprica - P (granite outcrops) – SC: Lancaster [1]
Dyschoriste humistrata - C (moist forests) – SC: Charleston [3]
Dyschoriste oblongifolia - C (savannas) – SC: Orangeburg [4]
Elephantopus elatus - C (dry pinelands) – SC: Charleston [3]
Ellisia nyctelea - P (bottomlands, forest) – VA: Pittsylvania [1]
Elytraria caroliniensis - C (low marly forests) – SC: Berkeley [3]
Equisetum fluviatile - M (wet places, shallow water) – VA: Augusta [4]
Equisetum sylvaticum - M (moist forests) – VA: Shenandoah [6]
Eriocaulon ravenelii - C (savannas) – SC: Berkeley [3]
Erythronium americanum ssp. *harperi* - M (moist forests) – TN: Polk [1]
Eupatorium scabridum - C (savannas) - SC
Floerkea proserpinacoides - P (rich moist woods) – VA: Fauquier [8]
Galactia elliotii - C (low moist areas) – SC: Beaufort, Jasper [4]
Galium boreale - M (moist forests) – VA: Scott, Wythe [2]
Galium concinnum - M (dry forests) – VA: Giles, Smyth [2]
Gaura filipes - CS (sandy areas) – SC: Kershaw, Williamsburg [2]
Gaylussacia mosieri - CS (seepages, savannas) – SC: Lexington [3]
Gleditsia aquatica - C (swamp forests) – SC: Williamsburg [3]
Glyceria acutiflora - M (wet openings) – VA: Wythe [2]
Glyceria canadensis (sensu stricto, non RAB) - M (high elevation seeps) - VA
Glyceria grandis - MC – VA: Floyd, James City [2]
Habenaria quinqueseta - C (wet pinelands and forests) – SC: Berkeley, Charleston [3]
Honckenya peploides ssp. *robusta* - C (beaches and dunes) – VA: Accomack [3]
Houstonia canadensis - M (rocky woods and outcrops) – VA: Pulaski, Washington, Wythe [2]
Hudsonia ericoides - S (sandhills) – SC: Chesterfield [1]
Hydrolea corymbosa – C (pond cypress savannas, depression meadows) - SC
Hypericum harperi - C (clay-based Carolina bays) – SC: Barnwell [5]
Isoetes macrospora - M (shoals in cold streams) - TN
Juncus brachycephalus - M (wet meadows) - GA; VA: Giles [3]
Juncus gerardii - C (margins of brackish marshes) – VA: Chesapeake City [1]

Kalmia hirsuta - C (savannas, pocosin edges) – SC: Beaufort, Colleton [4]
Liatris gracilis - CSP (pinelands, dry woodlands) – SC: Colleton, Laurens [2]
Liatris tenuifolia - S (sandhills) – SC: Chesterfield, Lancaster, Marlboro [1]
Linnaea borealis - M (high elevation forests) - TN [1]
Lithospermum caroliniense - C (sandhills) – VA: Isle of Wight; SC: Calhoun, Lexington [2]
Ludwigia spathulata - C (clay-based Carolina bays) – SC: Aiken, Lexington [4]
Lycopodium annotinum - M (moist, high elevation forests) – VA: Grayson [1]
Magnolia pyramidata - P (rich woods) – SC: Richland [3]
Maianthemum stellatum (= *Smilacina stellata*) - M – VA: Bedford; TN [2]
Micranthemum micranthemoides - C (tidal marshes) – VA: Charles City [4]
Minuartia cumberlandensis - M (rock outcrops) - TN
Minuartia patula - PM (mafic or calcareous glades and outcrops) – VA: Rockbridge [3]
Nolina georgiana - S (sandhills) – SC: Kershaw [2]
Ophioglossum engelmannii - MP (glades over calcareous or mafic rocks) – VA: Montgomery [3]
Ophioglossum pusillum - M (moist areas) - VA
Opuntia stricta var. *dillenii* - C (dunes) – SC: Charleston [3]
Opuntia stricta var. *stricta* - C (dunes) – SC: Charleston [3]
Oryzopsis racemosa - MP (dry woods) – VA: Patrick [1]
Osmunda cinnamomea var. *glandulosa* - C (marshes, swamps) - VA
Paronychia virginica var. *virginica* - M (calcareous rock outcrops) – VA: Wythe [2]
Paspalum plicatulum – C (pine savannas, fields) - SC
Pellaea glabella ssp. *glabella* - M (limestone outcrops) – VA: Wythe [2]
Pieris phillyreifolia - C (blackwater swamps, pocosins) – SC: Charleston [3]
Pilularia americana - PM (muddy wet places, granite outcrops, pond margins) - TN, GA
Pinus glabra - C (bottomland forests) – SC: Georgetown [2]
Pityopsis ruthii - M (riverside outcrops) – TN: Polk [1]
Plantago maritima - C (salt marshes) – VA: Accomack [3]
Platanthera leucophaea - M (damp calcareous meadows) – VA: Augusta [4]
Poa wolfii - M (moist forests) – VA: Rockingham [5]
Polygonella gracilis - SC (sandhills)
Pseudotaenidia montana - MP (dry shaly woods) – VA: Bedford, Roanoke [3]
Pyrola chlorantha - M (dry forests) – VA: Page [6]
Pyrola secunda - MP (moist forests) – VA: New Kent [5]
Quercus similis - C (wet stream bottoms, flatwoods) - SC [3 or 4]
Quercus sinuata (*durandii*) - C (hills and streambanks) - SC
Quercus oglethorpensis - CP (low woods) – SC: Greenwood, Saluda [4]
Ratibida pinnata - P (diabase glades) – SC: York [1]
Rhamnus lanceolata - M (moist calcareous woodlands) – VA: Pulaski [2]
Rhynchospora knieskernii - CS (peaty bogs) - NJ
Rhynchospora saxicola - P (granitic flatrocks) - GA, SC?
Ribes americanum - M (moist forests) – VA: Rockbridge [3]
Ribes echinellum - P (rich woods) – SC: McCormick [4]
Ribes lacustre - M (moist forests) – VA: Bath [4]
Rosa obtusiuscula - M (riverbank)- TN: Cocke [1]
Sabatia bartramii (= *S. dodecandra* var. *coriacea*) - C (pine savannas) – SC: Hampton [6]
Sabatia brevifolia - C (savannas) – SC: Berkeley [3]
Sabatia dodecandra var. *foliosa* - C (freshwater wetlands, ditches, stream banks) – SC: Marion [2]
Sagittaria rigida - PM (swamps and ponds) – VA: Nelson [4]
Schizachne purpurascens - M (dry rocky woods) – VA: Highland [5]
Scirpus ancistrochaetus - M (temporary ponds) - VA
Scirpus verecundus - P (mesic banks and bluffs) – VA: Grayson, Halifax, Pittsylvania [1]

Scutellaria incana var. *incana* - M (rocky woodlands) – WV: Mercer [4]
Scutellaria montana - M (rocky woodlands) - GA, TN
Scutellaria multiglandulosa - P (woodlands) – SC: Anderson [2]
Scutellaria parvula (sensu stricto, non RAB) -P (dry rocky openings) - VA
Sedum nevii (sensu stricto) - M (rock outcrops) – TN: Polk
Smilax pumila - C (moist, maritime hardwood forests) – SC: Horry [1]
Solidago hispida - M (calcareous woodlands) - TN; GA: Walker [4]
Sparganium androcladum - MC (ponds and streams) - TN; VA: Virginia Beach city [1]
Sparganium eurycarpum - MC (ponds and streams) – VA: Pulaski [2]
Sporobolus curtissii - C (savannas) - GA
Sporobolus neglectus - M (mafic glades) – VA: Lee, Montgomery [3]
Stillingia aquatica - C (clay-based Carolina bays) – SC: Allendale, Barnwell, Hampton [6]
Suaeda maritima - C (salt marshes) - VA, FL
Sullivantia sullivantii - M (cliffs)- VA: Russell [2]
Thalictrum mirabile - M (cliff bases) - KY, TN
Toxicodendron radicans ssp. *negundo* - M - VA, WV
Toxicodendron rydbergii - M - VA, WV
Trillium cernuum (sensu stricto, non RAB) - M (wet woods) – VA: Fauquier, Rappahannock [7]
Trillium decumbens - M (rich woods) - TN; GA: Pickens & Murray [2]
Trillium lancifolium - P (rich forests) – SC: Kershaw [2]
Trillium maculatum - PC (rich forests) – SC: Berkeley [3]
Trillium nivale - M (moist calcareous forests) – VA: Highland [5]
Trillium persistens - MP (acid woods under hemlock) - SC; GA: Rabun [1]
Trillium reliquum - PC (rich river bluffs) – SC: Aiken [5]
Urtica gracilis - M (limestone outcrops) – VA: Giles [3]
Uvularia floridana - C (alluvial forests) – SC: Berkeley, Charleston [3]
Vaccinium myrtilloides - M (forests and bogs) – VA: Pulaski, Roanoke [1]
Vaccinium oxycoccos - M (bogs) – WV: Pocahontas [6]
Vaccinium sempervirens - SC (sphagnous seeps, savannas) – SC: Lexington [4]
Vernonia angustifolia var. *scaberrima* - C (pinelands) – SC: Marion [2]
Vernonia pulchella - SC (pinelands)
Veronica scutellata - M (swamps and bogs) – VA: Carroll, Grayson [1]
Viburnum obovatum - C (moist forests) – SC: Horry [1]

RARE LIST ADDITIONS FOR 2012 LIST

Scientific Name	New N.C. Status	Former N.C. Status	U.S. Status	N.C. Rank	Global Rank
<i>Bouteloua curtipendula</i> var. <i>curtipendula</i>	SR-P	N/A	N/A	S1	G5T5
<i>Bromus latiglumis</i>	SR-P	W7	N/A	S1	G5
<i>Carex molestiformis</i>	SR-D	N/A	N/A	S1	G4
<i>Carex superata</i>	SR-T	N/A	N/A	S1?	G4?
<i>Coreopsis</i> sp. 1	SR-L	W7	N/A	S1	G1?
<i>Erigenia bulbosa</i>	SR-P	W3	N/A	S1	G5
<i>Oxalis priceae</i>	SR-D	N/A	N/A	SH	G3G5
<i>Panicum dichotomiflorum</i> var. <i>puritanorum</i>	SR-P	N/A	N/A	S1	G5T4
<i>Platanthera shriveri</i>	SR-T	W7	FSC	SH?	G1
<i>Prunus alleghaniensis</i> var. <i>alleghaniensis</i>	SR-T	NA	N/A	S1	G4T4
<i>Quercus georgiana</i>	SR-P	N/A	N/A	S1	G3
<i>Robinia viscosa</i>	SR-T	W7	N/A	S3	G3
<i>Vaccinium angustifolium</i>	SR-P	N/A	N/A	S1	G5

WATCH LIST ADDITIONS FOR 2012 LIST

Scientific Name	New N.C. Status	Former N.C. Status	U.S. Status	N.C. Rank	Global Rank
<i>Barbula indica</i> var. <i>indica</i>	W7	N/A	N/A	S2?	G5?T5?
<i>Blindia acuta</i>	W7	N/A	N/A	S2?	G5
<i>Brachythecium oedipodium</i>	W7	N/A	N/A	S2?	G4G5
<i>Campylostelium saxicola</i>	W7	N/A	N/A	S2?	G3G5
<i>Cleistesiosopsis oricamporum</i>	W7	N/A	N/A	S2	G3?
<i>Cyperus surinamensis</i>	W4	N/A	N/A	S1	G5
<i>Dicranum bonjeanii</i>	W7	N/A	N/A	S2?	G4G5
<i>Persicaria glabra</i>	W1	N/A	N/A	S3	G5
<i>Sarracenia purpurea</i> var. <i>montana</i>	W7	W6	N/A	S2?	G5T1T3
<i>Solidago rugosa</i> var. <i>sphagnophila</i>	W7	N/A	N/A	S1	G5T3T5
<i>Symphyotrichum simmondsii</i>	W7	N/A	N/A	S1?	G5
<i>Xyris</i> sp. 1	W2	N/A	N/A	S2	G2

TAXA REMOVED FROM RARE AND WATCH LISTS SINCE 2010

Scientific Name	New N.C. Status	Former N.C. Status	U.S. Status	N.C. Rank	Global Rank
<i>Amelanchier sanguinea</i>	W1	SR-P	N/A	S3	G5
<i>Amorpha schwerinii</i>	W1	SR-T	N/A	S3	G3G4
<i>Calystegia catesbeiana</i>	N/A	W1	N/A	S3	G5
<i>Carex tuckermanii</i>	N/A	W1	N/A	SNA	G5?
<i>Chrysopsis scabrella</i>	N/A	W3	N/A	SNR	G4
<i>Cyperus houghtonii</i>	W3	SR-P	N/A	SU	G4?
<i>Eleocharis melanocarpa</i>	N/A	W1	N/A	S3	G4
<i>Ephebe solida</i>	W1	SR-P	N/A	S3	G3
<i>Eurybia avita</i>	W3	SR-T	N/A	SU	G3
<i>Megaceros aenigmaticus</i>	W1	SR-L	N/A	S3	G3
<i>Quercus imbricaria</i>	N/A	W1	N/A	S3	G5
<i>Radula sullivantii</i>	W1	SR-L	N/A	S3	G3
<i>Schoenoplectus subterminalis</i>	W1	SR-P	N/A	S3	G4G5

NAME CHANGES SINCE 2010 RARE LIST PUBLICATION

Former Scientific Name	Current Scientific Name
<i>Amphicarpum muehlenbergianum</i>	<i>Amphicarpum muhlenbergianum</i>
<i>Anthaenantia rufa</i>	<i>Anthenantia rufa</i>
<i>Aristolochia serpentaria</i>	<i>Endodeca serpentaria</i>
<i>Boltonia asteroides</i>	<i>Boltonia asteroides</i> var. <i>glastifolia</i>
<i>Caltha palustris</i>	<i>Caltha palustris</i> var. <i>palustris</i>
<i>Carex</i> sp. 4	<i>Carex austrodeflexa</i>
<i>Chamaesyce bombensis</i>	<i>Euphorbia bombensis</i>
<i>Chamaesyce cordifolia</i>	<i>Euphorbia cordifolia</i>
<i>Cimicifuga americana</i>	<i>Actaea podocarpa</i>
<i>Cleistes bifaria</i>	<i>Cleistesiosis bifaria</i>
<i>Cleistes divaricata</i>	<i>Cleistesiosis divaricata</i>
<i>Corydalis micrantha</i> ssp. <i>micrantha</i>	<i>Corydalis micrantha</i>
<i>Crinum americanum</i>	<i>Crinum americanum</i> var. <i>americanum</i>
<i>Dalibarda repens</i>	<i>Rubus dalibarda</i>
<i>Eleocharis smallii</i>	<i>Eleocharis palustris</i>
<i>Elymus canadensis</i>	<i>Elymus canadensis</i> var. <i>canadensis</i>
<i>Euonymus atropurpureus</i>	<i>Euonymus atropurpureus</i> var. <i>atropurpureus</i>
<i>Fallopia scandens</i> var. 1	<i>Fallopia cristata</i>
<i>Fragaria vesca</i>	<i>Fragaria vesca</i> var. <i>americana</i>

Former Scientific Name	Current Scientific Name
<i>Geum laciniatum</i> var. <i>trichocarpum</i>	<i>Geum laciniatum</i>
<i>Hasteola suaveolens</i>	<i>Senecio suaveolens</i>
<i>Helianthus occidentalis</i> var. <i>dowellianus</i>	<i>Helianthus occidentalis</i> ssp. <i>occidentalis</i>
<i>Heuchera parviflora</i> var. <i>parviflora</i>	<i>Heuchera parviflora</i>
<i>Hierochloe odorata</i>	<i>Anthoxanthum hirtum</i>
<i>Hypericum</i> sp. 1	<i>Hypericum radfordiorum</i>
<i>Leiophyllum buxifolium</i>	<i>Kalmia buxifolia</i>
<i>Liatris scariosa</i>	<i>Liatris scariosa</i> var. <i>scariosa</i>
<i>Lilium canadense</i> ssp. <i>canadense</i>	<i>Lilium canadense</i> var. <i>canadense</i>
<i>Linum sulcatum</i> var. <i>sulcatum</i>	<i>Linum sulcatum</i>
<i>Marshallia</i> sp. 1	<i>Marshallia legrandii</i>
<i>Ophioglossum crotalophoroides</i> var. <i>crotalophoroides</i>	<i>Ophioglossum crotalophoroides</i>
<i>Phemeranthus</i> sp. 1	<i>Phemeranthus piedmontanus</i>
<i>Phlox divaricata</i> spp. <i>divaricata</i>	<i>Phlox divaricata</i>
<i>Phlox divaricata</i> spp. <i>laphamii</i>	<i>Phlox divaricata</i>
<i>Prunus pumila</i> var. <i>susquehanae</i>	<i>Prunus susquehanae</i>
<i>Pycnanthemum torrei</i>	<i>Pycnanthemum torreyi</i>
<i>Rhynchospora breviseta</i>	<i>Rhynchospora galeana</i>
<i>Sagittaria stagnorum</i>	<i>Sagittaria filiformis</i>
<i>Sarracenia minor</i>	<i>Sarracenia minor</i> var. <i>minor</i>
<i>Sida elliottii</i>	<i>Sida elliottii</i> var. <i>elliottii</i>
<i>Stachys</i> sp. 1	<i>Stachys matthewsii</i>
<i>Viola appalachiensis</i>	<i>Viola walteri</i> var. <i>appalachiensis</i>
<i>Viola tripartita</i> var. <i>glaberrima</i>	<i>Viola tripartita</i>
<i>Viola tripartita</i> var. <i>tripartita</i>	<i>Viola tripartita</i>
<i>Zosterella dubia</i>	<i>Heteranthera dubia</i>

Taxonomy in this publication generally follows Weakley, A. S. *Flora of the Southern and Mid-Atlantic States*. Working draft of 15 March 2011. University of North Carolina Herbarium (NCU), NC Botanical Garden, University of North Carolina, Chapel Hill, North Carolina. Available online at herbarium.unc.edu.



North Carolina Natural Heritage Program – www.ncnhp.org

Endangered and Rare Plant Field Survey Form

Fields in bold font are considered “required information”.

Return form to: NC Natural Heritage Program, 1601 MSC, Raleigh, NC 27699-1601.

Species: Common name: **Survey date:**
EO Number (if updating existing EO): **County:** 7.5' Quad Map:

Coordinates (if known): Elevation:
If coordinates given, indicate coordinate system and datum (State Plane 1927 or 1983, UTM, etc):

Site Name (if this is within previously identified site):
Site location and directions: (attach copy of map with site marked or use back of form to draw a sketch of the site):

Number of individuals: Define individual (stem, clump, etc.):

Size of area in which population occurs:

Estimate whether the entire population was surveyed, or only a portion:

Estimated Population Viability (circle one): Excellent Good Fair Poor Unknown
Failed to find
Population Viability Comments:

Phenology (include % or # in each stage): vegetative bud flower

Evidence of reproduction: fruit seedlings clonal/vegetative

Reproduction Comments:

Habitat (NC NHP natural community name and description, if known; include quality, soils, geology, etc.):

Associated species:

If the population is within a Right-of-Way, does suitable habitat exist outside Right-of-Way?

Other information, such as Protection/management needs and opportunities, landowner(s), if known, etc.:

Person making this report, Address, & Phone:

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