

COMMONWEALTH of VIRGINIA

Natural Heritage Resources of Virginia: Rare Plants March 2019

Compiled by:
John F. Townsend, Staff Botanist



VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION
DIVISION OF NATURAL HERITAGE
600 EAST MAIN STREET, 24TH FLOOR
RICHMOND, VIRGINIA 23219
(804) 786-7951

Cover illustrations (l. to r.) of Swamp Pink (*Helonias bullata*), dwarf burhead
(*Echinodorus tenellus*), and small whorled pogonia (*Isotria medeoloides*)
by Megan Rollins

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Virginia Department of Conservation and Recreation,
Division of Natural Heritage,
Richmond, Virginia. Unpublished report.
March 2019. 57 pages plus appendices

NATURAL HERITAGE RESOURCES OF VIRGINIA: RARE PLANTS

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INTRODUCTION

The Virginia Department of Conservation and Recreation's Division of Natural Heritage (DCR-DNH) was established to protect Virginia's Natural Heritage Resources. These Resources are defined in the Virginia Natural Area Preserves Act of 1989 (Section 10.1-209 through 217, *Code of Virginia*), as the habitat of rare, threatened, and endangered plant and animal species; exemplary natural communities, habitats, and ecosystems; and other natural features of the Commonwealth. DCR-DNH is the state's only comprehensive program for conservation of our natural heritage and includes an intensive statewide biological inventory, field surveys, electronic and manual database management, environmental review capabilities, and natural area protection and stewardship. Through such a comprehensive operation, the Division identifies Natural Heritage Resources which are in need of conservation attention while creating an efficient means of evaluating the impacts of economic growth.

To achieve this protection, DCR-DNH maintains lists of the most significant elements of our natural diversity. These lists focus the Division's inventory on the Natural Heritage Resources most likely to be lost without conservation action in the near future. Most importantly, these lists are not only useful for DCR-DNH, but can be used by other agencies, organizations, and individuals to guide protection and development decision-making. In formulating these lists, the Division uses information from previous studies, museum records, the observations and opinions of experts, DCR-DNH staff scientists, and field inventories.

The first list included in this report is the Rare Vascular Plant List. This list contains information on the legal and biological status of Virginia's rarest known native vascular plant taxa, **628** in all. This list includes all plants believed to be sufficiently rare or threatened to merit an inventory of their status and locations.

The second list included in this report is the Vascular Plant Watchlist. This list contains information on the legal and biological status of **231** additional taxa that are decidedly uncommon in Virginia but not scarce enough to merit inclusion on the Rare Vascular Plant List. Plants on this list are monitored to determine general population trends. If a species or variety on this list is found to be rare or threatened, it is placed on the Rare Vascular Plant List.

The third list included in this report is the Review List (Taxa of Uncertain Status). These taxa lack numerical ranks, indicating that they are poorly known from a taxonomic and distributional standpoint. Although some of these taxa may prove to be conservation targets, more field and herbarium data are needed to assess their distinctiveness and degree of rarity in Virginia. There are **71** taxa in this category.

The fourth list included in this report is the Rare Non-Vascular Plant List. This list contains information on the legal and biological status of **95** taxa thought to be rare in the state of Virginia. The lichens, liverworts, and mosses listed herein represent an attempt at designating imperiled species within this often-neglected group. The list is currently small compared to the vascular plant lists because the taxonomy and distributions of non-vascular plants are generally poorly known in Virginia at this time (with some exceptions).

Natural Heritage Resource lists are necessarily dynamic and are revised annually, with updates occurring as data become available. Such revisions assure the most current knowledge of the status of Virginia's plants. Taxa are added to the list when it is determined that they have become rare or threatened to such an extent that their continued existence in Virginia is in jeopardy. Plants are deleted from the list when data indicate they are common and do not warrant priority conservation efforts.

If you have information which could refine this list, please contact DCR-DNH staff botanist John Townsend at (804) 225-4855 (email: john.townsend@dcr.virginia.gov) or by mailing the Rare Species Sighting Form found at the end of this document.

All plants which are officially protected by federal or state endangered species acts are included in these lists. The Office of Plant Protection within the Virginia Department of Agriculture and Consumer Services (VDACS) has regulatory responsibility for the listing and protection of Virginia's endangered and threatened plants and insects under the Virginia Endangered Plant and Insect Species Act, as amended (Section 3.1 -1020 through 1030, *Code of Virginia*). The Act provides for the official listing and recovery of endangered and threatened plant and insect species in Virginia. The Act also establishes a permit system for collection of listed species. As of 2013, there were 26 state-listed plant species. A memorandum of agreement between DCR-DNH and VDACS facilitates data transfer between agencies and allows for DCR-DNH to nominate species for listing by VDACS.

Federally listed species are protected by the Endangered Species Act of 1973, as amended. The U.S. Department of the Interior's Fish and Wildlife Service administers the Act, listing and protecting federally endangered and threatened species. As of 2015, there were 16 plant species federally listed as endangered or threatened which occur or formerly occurred in Virginia.

The Virginia Department of Conservation and Recreation, Virginia Department of Agriculture and Consumer Services, and U. S. Fish and Wildlife Service work cooperatively to insure the continued survival of Virginia's diverse flora and other elements of natural diversity. The Division of Natural Heritage also works closely with other state and federal agencies, local governments, conservation organizations, and other organizations and individuals to seek adequate protection of Virginia's natural heritage.

FORMAT OF LISTS

Lists for each category (vascular plant lists, liverwort list, etc.) are alphabetized by scientific name. Each list has an identical format which presents six fields: scientific name, common name, global rank, state rank, federal status, and state status. To help interpret the list, a brief explanation of each field may be found on the following page.

Column 1. Scientific name:

Nomenclature for vascular plants almost exclusively follows Weakley, A.S., J.C. Ludwig, and J.F. Townsend, 2012. *Flora of Virginia*. Bland Crowder, ed. Foundation of the Flora of Virginia Project, Inc., Richmond. Fort Worth: Botanical Research Institute of Texas Press. A line is provided below the scientific name to provide synonyms when other names are used in popular botanical references.

Nomenclature for lichens follows Esslinger, T.L. 2014. A cumulative checklist for the lichen-forming, lichenicolous and allied fungi of the continental United States and Canada. North Dakota State University: <http://www.ndsu.edu/pubweb/~esslinge/chcklst/chcklst7.htm> (First Posted 1 December 1997, Most Recent Version (#19) 23 March 2014), Fargo, North Dakota.

Nomenclature for liverworts follows the Field Museum taxonomy module, located at: http://emuweb.fieldmuseum.org/botany/taxonomic.php?_ga=1.125124173.613149090.1423754725

Nomenclature for mosses follows volumes 27 and 28 of *Flora of North America*, North of Mexico (Bryophytes, Part 1 and Part 2).

Column 2. Common name:

A common name is provided for the convenience of the user. Common names for plants follow the *Flora of Virginia*.

Column 3. Global rank:

Global ranks are assigned by a consensus of the network of natural heritage programs, scientific experts, and The Nature Conservancy to designate a rarity rank based on the range-wide status of a species or variety. This system was developed by The Nature Conservancy and is widely used by other agencies and organizations as the best available scientific and objective assessment of a taxon's rarity and level of threat to its existence. The ranks are assigned after considering a suite of factors, including number of occurrences, number of individuals, and severity of threats.

G1 = Critically Imperiled - At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.

G2 = Imperiled - At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.

G3 = Vulnerable - At moderate risk of extinction due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.

G4 = Apparently Secure - Uncommon but not rare; some cause for long-term concern due to declines or other factors.

G5 = Secure - Common, widespread and abundant.

GH = Possibly Extinct - Missing; known from only historical occurrences but still some hope of rediscovery.

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

GU = Unrankable - Currently unrankable due to lack of information or due to substantially conflicting information about status or trends. Whenever possible, the most likely rank is assigned and the question mark qualifier is added (e.g., G2?) to express uncertainty, or a range rank (e.g., G2G3) is used to delineate the range of uncertainty.

G_? = Inexact Numeric Rank - Denotes inexact numeric rank (e.g., G3?).

G_Q = Questionable taxonomy - Taxonomic distinctiveness of this entity at the current level is questionable; resolution of this uncertainty may result in change from a species to a subspecies or hybrid, or the inclusion of this taxon in another taxon, with the resulting taxon having a lower conservation priority (e.g., G3Q).

G_T_ = Infrspecific Taxa - Signifies the rank of a subspecies or variety. For example, the rank G5T1 would be assigned to a very rare and localized variety of an otherwise widespread and common taxon.

GNR = Unranked - Global rank not yet assessed.

GNA = Not applicable - A conservation status rank is not applicable because the species is not a suitable target for conservation activities.

Column 4. State rank:

State ranks are assigned in a manner similar to that described for global ranks, but consider only those factors within the political boundaries of Virginia. For example, whereas a plant which is endemic to Virginia (found nowhere else) will have the same global and state ranks, a plant which may be common in the northeastern United States, but only known from a few occurrences in Virginia will have different global and state ranks. By comparing the global and state ranks, the status, rarity, and the urgency of conservation needs can be ascertained.

S1 = Critically Imperiled - At very high risk of extirpation from the state due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.

S2 = Imperiled - At high risk of extirpation from the state due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.

S3 = Vulnerable - At moderate risk of extirpation from the state due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.

S4 = Apparently Secure - Uncommon but not rare; some cause for long-term concern due to declines or other factors.

S5 = Secure - Common, widespread and abundant.

SH = Possibly Extirpated - Known only from historical occurrences but still some hope of rediscovery.

SX = Presumed Extirpated - Not located despite intensive searches and virtually no likelihood of rediscovery.

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

S_? = Inexact Numeric Rank - Denotes inexact numeric rank (e.g., S3?).

SNR = Unranked - State conservation status not yet assessed.

SNA = Not Applicable - A conservation status rank is not applicable because the species is not a suitable target for conservation activities.

Column 5. Federal Status:

Federal Status is determined by the U. S. Fish and Wildlife Service. This includes all species and varieties which are listed as endangered or threatened by the U. S. government and receive protection under the federal Endangered Species Act. The list also notes those taxa which are proposed for listing or are candidates for listing.

LE = Listed Endangered - A taxon is threatened with extinction throughout all or a significant portion of its range.

LT = Listed Threatened - A taxon is likely to become endangered in the foreseeable future.

PE = Proposed Endangered - A taxon is proposed for listing as endangered.

PT = Proposed Threatened - A taxon is proposed for listing as threatened.

C = Candidate - There is enough available information to propose the taxon for listing, but listing is "precluded by other pending proposals of higher priority". The U.S. Fish and Wildlife Service is "directed to make prompt use of the emergency listing if the well-being of any such species is at significant risk."

_* = An * following the status denotes that the species or variety is possibly extinct.

Column 6. State Status:

State status indicates those plants which are listed as state endangered or threatened under the authority of the Virginia Department of Agriculture and Consumer Services.

LE = Listed Endangered

LT = Listed Threatened

PE = Proposed Endangered

PT = Proposed Threatened

C = Candidate for listing as threatened or endangered

ACKNOWLEDGEMENTS

If not for the hard work of many biologists, these plant lists could not accurately reflect our current understanding of the Virginia flora. On the staff of the Division of Natural Heritage, Allen Belden, Gary Fleming, Chris Ludwig, Nancy Van Alstine, Karen Patterson, Kristin Taverna, Irvine Wilson, and Darren Loomis have provided many comments to refine the content of the lists. In addition to Heritage staff, members of the Virginia Botanical Associates have contributed greatly to our understanding of the Virginia flora via the continuously updated Digital Atlas of the Virginia Flora and through numerous personal communications.

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GENERA INDEX

If you can't find:

Agave
Agropyron
Allium
Arabis
Arabis
Arenaria
Arenaria
Arenaria
Armoracea
Asarum
Aster
Aster
Botrychium
Bumelia
Cacalia
Cacalia
Cacalia
Calamintha
Carduus
Cassia
Centunculus
Callisia
Cleistes
Convolvulus
Croton
Cynoctonum
Dentaria
Dichromena
Diplachne
Disporum
Dracocephalum
Erianthus
Eupatorium
Euphorbia
Fleischmannia
Gentiana
Gerardia
Gerardia
Gillenia
Gnaphalium
Habenaria
Haplopappus
Hedyotis
Hedyotis
Helianthemum
Heterotheca
Hierochloe
Houstonia
Hypericum
Isopyrum

Look under:

Manfreda
Elymus
Nothoscordum
Boechera
Turritis
Honckenya
Minuartia
Moehringia
Nebeckia
Hexastylis
Eurybia
Symphyotrichum
Sceptridium
Sideroxylon
Arnoglossum
Hasteola
Nebeckia
Clinopodium
Cirsium
Chamaecrista
Anagallis
Cuthbertia
Cleistesopsis
Calystegia
Crotonopsis
Mitreola
Cardamine
Rhynchospora
Leptochloa
Prosartes
Physostegia
Saccharum
Eutrochium
Chamaesyce
Eupatorium
Gentianopsis
Agalinis
Aureolaria
Porteranthus
Pseudognaphalium
Platanthera
Croptilon
Houstonia
Oldenlandia
Crocianthemum
Chrysopsis
Anthoxanthum
Hedyotis
Triadenum
Enemion

Jussiaea
Leptoloma
Lipocarpa
Lippia
Lophotocarpus
Lotus
Lycopodiella
Lycopodium
Lycopodium
Lycopodium
Manisuris
Osmunda
Panicum
Panicum
Panicum
Panicum
Peplis
Potentilla
Potentilla
Prenanthes
Psilocarya
Psoralea
Psoralea
Psoralea
Ptilimium
Pyrola
Satureja
Saxifraga
Schrankia
Schoenoplectus
Scirpus
Scirpus
Senecio
Seymeria
Smilacina
Solidago
Solidago
Sphaeralcea
Thelypteris
Tomanthera
Tradescantia
Triodia
Tofieldia
Trichomanes
Trichomanes
Uniola
Verbena
Xanthoxylum
Zigadenus

Ludwigia
Digitaria
Hemicarpha
Phyla
Sagittaria
Acmispon
Peudolycopodiella
Lycopodiella
Peudolycopodiella
Huperzia
Coelorachis
Osmundastrum
Coleataenia
Dichanthelium
Phanopyrum
Steinchisma
Didiplas
Drymocallis
Sibbaldia
Nabalus
Rhynchospora
Onobrychis
Orbexilum
Pediomelum
Harperella
Orthilia
Clinopodium
Micranthes
Mimosa
Bolboscoenus
Isolepis
Schoenoplectus
Packera
Dasistoma
Maianthemum
Euthamia
Oligoneuron
Malvastrum
Parathelypteris
Agalinis
Cuthbertia
Tridens
Triantha
Crepidomanes
Vandenboschia
Chasmanthium
Stylodon
Zanthoxylum
Stenanthium

PART ONE:

RARE VASCULAR PLANT LIST

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Abies balsamea</i> (L.) P. Mill	Balsam fir	G5	S1		
<i>Abies fraseri</i> (Pursh) Poir.	Fraser fir	G2	S1		
<i>Acmispon helleri</i> (Britt.) A.A. Heller	Carolina Prairie-trefoil	G3	S1		
syn: <i>Lotus helleri</i> Britton					
<i>Actaea rubifolia</i> (Kearney) Kartesz	Appalachian Black Cohosh	G3	S1		
syn: <i>Cimicifuga rubifolia</i> Kearney					
<i>Adiantum capillus-veneris</i> L.	Venus'-hair Fern	G5	SH		
<i>Aeschynomene virginica</i> (L.) B.S.P.	Sensitive Joint-vetch	G2	S2	LT	LT
<i>Agalinis auriculata</i> (Michx.) Blake	Earleaf False Foxglove	G3	S1		
syn: <i>Tomanthera auriculata</i> (Michx.) Raf.					
<i>Aletris aurea</i> Walt.	Golden Colicroot	G5	S1		
<i>Allium allegheniense</i> Small	Allegheny Onion	G3?	S1		
Under <i>A. cernuum</i> Roth in Fernald (1950) and Radford <i>et al.</i> (1968)					
<i>Allium oxyphilum</i> Wherry	Shale Barren Nodding Onion	G2	S1		
<i>Alnus incana</i> (L.) Moench ssp. <i>rugosa</i> (Du Roi) Clausen	Speckled Alder	G5T5	S2		
syn: <i>A. rugosa</i> (Du Roi) Spreng.					
<i>Amaranthus pumilus</i> Raf.	Sea-beach Amaranth	G2	S1	LT	LT
<i>Amelanchier nantucketensis</i> Bickn.	Nantucket Shadbush	G3Q	S1		
<i>Amphicarpum amphicarpon</i> (Pursh) Nash	Pine-barrens Peanut Grass	G4	S1		
<i>Anagallis minima</i> (L.) Krause	Chaffweed	G5	SH		
syn: <i>Centunculus minimus</i> L.					
<i>Anaphalis margaritacea</i> (L.) Benth. & Hook. f.	Pearly Everlasting	G5	S1		
<i>Andropogon mohrii</i> (Hack.) Hack. ex Vasey	Mohr's Bluestem	G4?	SH		
<i>Anemone berlandieri</i> Pritz.	Eastern Prairie Anemone	G4?	S1		
<i>Anemone canadensis</i> L.	Canada Anemone	G5	SH		
<i>Anthoxanthum hirtum</i> (Shrank) Y. Schouten & Veldkamp	Holy Grass	G5	S1		
syn: <i>Hierochloa odorata</i> (L.) Beauv. ssp. <i>odorata</i>					
<i>Arabis patens</i> Sullivant	Spreading Rock Cress	G3	S1		
<i>Arabis pycnocarpa</i> M. Hopkins var. <i>adpressipilis</i> M. Hopkins	Hairy Rock Cress	G5T4Q	S1S2		
syn: <i>Arabis hirsuta</i> (L.) Scop. var. <i>adpressipilis</i> (M. Hopkins) Rollins					
<i>Aralia hispida</i> Vent.	Bristly Sarsaparilla	G5	S2		
<i>Arctostaphylos uva-ursi</i> (L.) Spreng.	Bearberry	G5	S1		
<i>Arenaria lanuginosa</i> (Michx.) Rohrb. var. <i>lanuginosa</i>	Spreading Sandwort	G5T5	SH		
<i>Arethusa bulbosa</i> L.	Dragon's-mouth	G5	SH		

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Arnoglossum reniforme</i> (Hooker) H.E. Robins. syn: <i>Arnoglossum muhlenbergii</i> (Schultz-Bip.) H.E. Robinson	Great Indian-plantain	G4	S2		
<i>Asclepias longifolia</i> Michx.	Long-leaf Milkweed	G4G5	S1		
<i>Asclepias purpurascens</i> L.	Purple Milkweed	G5?	S2		
<i>Asclepias rubra</i> L.	Red Milkweed	G4G5	S2		
<i>Asclepias tuberosa</i> L. var. <i>rolfsii</i> (Britt. ex Vail) Woods.	Sandhills Butterfly-weed	G5TNR	S1		
<i>Asplenium bradleyi</i> D.C. Eaton	Bradley's Spleenwort	G4	S2		
<i>Astragalus distortus</i> Torr. & Gray var. <i>distortus</i>	Ozark Milkvetch	G5T5?	SH		
<i>Astragalus neglectus</i> (Torr. & Gray) Sheldon	Cooper's Milkvetch	G4	S2		
<i>Atriplex glabriuscula</i> Edmondston	Maritime Orach	G5	SH		
<i>Bacopa caroliniana</i> (Walt.) B.L. Robins.	Blue Water-hyssop	G4G5	SH		
<i>Bacopa innominata</i> (G.Maza) Alain	Tropical Water-hyssop	G3G5	S2		
Virginia material formerly named <i>B. stragula</i> Fern.					
<i>Bacopa rotundifolia</i> (Michx.) Wettst.	Round-leaf Water-hyssop	G5	SH		
Virginia material formerly named <i>B. simulans</i> Fern.					
<i>Baptisia albescens</i> Small	Narrow-pod White Wild Indigo	G4	S1		
Treated as <i>B. alba</i> (L.) R. Brown in Fernald (1950)					
<i>Baptisia cinerea</i> (Raf.) Fern. & Schub.	Gray-hairy Wild Indigo	G3G4	SH		
<i>Bartonia verna</i> (Michx.) Raf. Ex Bart.	Spring Bartonia	G5?	S1		
<i>Betula lenta</i> L. var. <i>uber</i> Ashe	Virginia Roundleaf Birch	G5T1Q	S1	LT	
syn: <i>Betula uber</i> (Ashe) Fern.					
<i>Betula papyrifera</i> Marshall	Paper Birch	G5	S2		
Virginia material has traditionally been treated as <i>Betula cordifolia</i> but most populations closely resemble <i>B. papyrifera</i> . They are under study.					
<i>Betula populifolia</i> Marsh.	Gray Birch	G5	S1		
<i>Boechera dentata</i> (Raf.) Al-Shehbaz & Zarruchi	Short's Rock Cress	G5	S1		
syn: <i>Arabis shortii</i> (Fern.) Gleason					
<i>Boechera serotina</i> (Steele) Windham & Al-Shehbaz	Shale Barren Rock Cress	G2	S2	LE	LT
syn: <i>Arabis serotina</i> Steele					
<i>Bolboschoenus fluviatilis</i> (Torr.) J. Sojak	River Bulrush	G5	S2		
syn: <i>Schoenoplectus fluviatilis</i> (Torr.) M.T. Strong					
<i>Boltonia asteroides</i> (L.) L'Her var. <i>glastifolia</i> (Hill) Fern.	Eastern Doll's-daisy	G5TNR	S2		
<i>Boltonia montana</i> J.F. Townsend & V. Karaman-Castro	Valley Doll's-daisy	G1G2	S1		LE

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Botrychium lanceolatum</i> (Gmel.) Angstr. var. <i>angustisegmentum</i> Pease & Moore	Triangle Grape Fern	G5T4	SH		
<i>Botrychium simplex</i> E. Hitchc. var. <i>simplex</i>	Dwarf Gape Fern	G5T5	S1		
<i>Bromus ciliatus</i> L.	Fringed Brome Grass	G5	S1		
<i>Bromus kalmii</i> Gray	Arctic Brome	G5	S1		
<i>Buchnera americana</i> L.	American Bluehearts	G5?	S1S2		
<i>Buckleya distichophylla</i> (Nutt.) Torr.	Piratebush	G3	S2		
<i>Burmannia biflora</i> L.	Violet Burmannia	G4G5	SH		
<i>Cabomba caroliniana</i> Gray	Carolina Fanwort	G3G5	S1S2		
<i>Calamovilfa brevipilis</i> (Torr.) Scribn.	Pine Barren Sandreed	G4	S1		
<i>Calopogon pallidus</i> Chapman	Pale Grass-pink	G4G5	S1		
<i>Calopogon tuberosus</i> (L.) B.S.P.	Tuberous Grass-pink	G5	S1S2		
<i>Calycanthus floridus</i> L.	Sweet-shrub	G5	S1		
<i>Calystegia catesbeiana</i> Pursh	Catesby's False Bindweed	G3	S1		
<i>Camassia scilloides</i> (Raf.) Cory	Wild Hyacinth	G4G5	S1		
<i>Campanula rotundifolia</i> L.	Harebell	G5	S1		
<i>Cardamine clematitis</i> Shuttlw. ex Gray	Mountain Bittercress	G3	S1		
<i>Cardamine dissecta</i> (Leavenworth) Al-Shehbaz	Fork-leaf Toothwort	G4?	S1		
<i>Cardamine flagellifera</i> O.E. Schulz	Blue Ridge Bittercress	G3	S1		
<i>Cardamine micranthera</i> Rollins	Small-anthered Bittercress	G2	S2	LE	LE
<i>Cardamine pratensis</i> L. Only native Virginia populations are monitored	Cuckoo-flower	G5	S1		
<i>Carex aestivaliformis</i> Mackenz. syn: <i>Carex x aestivaliformis</i> Mackenz.	Small-fruited Summer Sedge	GNA	S1		
<i>Carex aquatilis</i> Wahlenb	Aquatic sedge	G5	S1		
<i>Carex arctata</i> Boott ex Hook.	Black Sedge	G5	S1		
<i>Carex atherodes</i> Spreng.	Awned Sedge	G5	S1		
<i>Carex barrattii</i> Schwein. & Torr.	Barratt's Sedge	G4	S2		
<i>Carex bebbii</i> Olney ex Fern.	Bebb's Sedge	G5	S1		
<i>Carex buxbaumii</i> Wahlenb.	Brown Bog Sedge	G5	S2		
<i>Carex conoidea</i> Schkuhr ex Willd.	Field Sedge	G5	S1S2		
<i>Carex crawei</i> Dewey	Crawe's Sedge	G5	S2		
<i>Carex cristatella</i> Britt.	Crested Sedge	G5	S1		
<i>Carex crus-corvi</i> Shuttlw. ex Kunze	Crowfoot Sedge	G5	S2		
<i>Carex davisii</i> Schwein. & Torr.	Davis's Sedge	G4	S1		
<i>Carex decomposita</i> Muhl.	Cypress-knee Sedge	G3G4	S1		
<i>Carex flava</i> L.	Yellow Sedge	G5	S1		
<i>Carex interior</i> Bailey	Inland Sedge	G5	S1S2		
<i>Carex juniperorum</i> Catling, Reznicek, & Crins	Juniper Sedge	G3	S1		LE
<i>Carex lacustris</i> Willd.	Lake-shore Sedge	G5	S1		
<i>Carex lasiocarpa</i> Ehrh var. <i>americana</i> Fern. Does not include <i>C. lanuginosa</i> Michx.	Slender Sedge	G5T5	S1		
<i>Carex lupuliformis</i> Sartwell ex Dewey	False Hop sedge	G4	S1S2		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Carex manhartii</i> Bryson	Blue Ridge Purple Sedge	G3G4	S1		
<i>Carex ormostachya</i> Wieg.	Necklace Spike Sedge	G4G5	S1		
<i>Carex pallescens</i> L.	Pale Sedge	G5	S1		
<i>Carex polymorpha</i> Muhl.	Variable Sedge	G3	S2		
<i>Carex prairea</i> Dewey ex Wood	Prairie Sedge	G5	S1		
<i>Carex reniformis</i> (Bailey) Small	Kidney Sedge	G4?	S1		
<i>Carex roanensis</i> F.J. Herm	Roan Mountain Sedge	G2G3	S2		
<i>Carex schweinitzii</i> Dewey ex Schwein.	Schweinitz's Sedge	G3G4	S1		
<i>Carex silicea</i> Olney	Sea-beach Sedge	G5	S1		
<i>Carex</i> sp. 2 sp. nov. Mountain species in Section <i>Acrocystis</i>	A sedge	GNR	S1		
<i>Carex sterilis</i> Willd.	Sterile Sedge	G4G5	S1		
<i>Carex straminea</i> Willd. ex Schkuhr Does not include <i>C. hormathodes</i> Fern.	Straw Sedge	G5	S1		
<i>Carex utriculata</i> Boott Treated as <i>C. rostrata</i> Stokes in Fernald (1950)	Beaked Sedge	G5	S1		
<i>Carex vesicaria</i> L.	Inflated Sedge	G5	S1S2		
<i>Carex vestita</i> Willd.	Velvet Sedge	G5	S2		
<i>Carphephorus bellidifolius</i> (Michx.) Torr. & Gray	Sandy-woods Chaffhead	G4	S1S2		
<i>Carphephorus tomentosus</i> (Michx.) Torr. & Gray	Woolly Chaffhead	G4	S1		
<i>Carya carolinae-septentrionalis</i> (Ashe) Engl. & Graebn.	Carolina Shagbark Hickory	G5?	S1		
<i>Cerastium velutinum</i> Raf. var. <i>velutinum</i> syn: <i>Cerastium arvense</i> L. ssp. <i>velutinum</i> (Raf.) Ugborogho.	Field Chickweed	G5T4?	S1S2		
<i>Cheilanthes alabamensis</i> (Buckl.) Kunze	Alabama Lip Fern	G4G5	S1		
<i>Cheilanthes castanea</i> Maxon	Chestnut Lip Fern	G5?	S2		
<i>Cheilanthes feei</i> T. Moore	Slender Lip Fern	G5	S1		
<i>Chelone cuthbertii</i> Small	Cuthbert's Turtlehead	G3	S2		
<i>Chelone obliqua</i> L.	Red Turtlehead	G4	S1		
<i>Chenopodium foggii</i> H.A. Wahl	Fogg's Goosefoot	G2G3	S1?		
<i>Chrysopsis gossypina</i> (Michx.) Ell.	Cottony Golden-aster	G5	S1		
<i>Cicuta bulbifera</i> L.	Bulb-bearing Water-hemlock	G5	SH		
<i>Cirsium altissimum</i> (L.) Hill	Tall Thistle	G5	S1		
<i>Cirsium carolinianum</i> (Walt.) Fern. & Schub.	Carolina Thistle	G5	S1		
<i>Cirsium nuttallii</i> DC.	Nuttall's Thistle	G5	SH		
<i>Cirsium repandum</i> Michx.	Sandhill Thistle	G5	SH		
<i>Cirsium virginianum</i> (L.) Michx.	Virginia Thistle	G3	S2		
<i>Cladium jamaicense</i> Crantz	Sawgrass	G5T5	S1S2		
<i>Cleistesiosis bifaria</i> (Fern.) Pansarin & F. Barros	Small Spreading Pogonia	G4?	S2		
<i>Cleistesiosis divaricata</i> (L.) Pansarin & F. Barros	Large Spreading Pogonia	G4	S1		

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<i>Cleistesiospis oricamporum</i> P.M. Brown	Small Coastal Plain Spreading Pogonia	G3?	S1		
<i>Clematis addisonii</i> Britt.	Addison's Leatherflower	G1?	S1?		
<i>Clematis catesbyana</i> Pursh Under <i>C. virginiana</i> L. in Radford et al. (1968)	Satin-curles	G4G5	S1		
<i>Clematis occidentalis</i> (Hornem.) DC. var. <i>occidentalis</i> syn: <i>C. verticillatus</i> DC.	Purple Clematis	G5T5	S1		
<i>Clematis viticaulis</i> Steele	Millboro Leatherflower	G1	S1S2		LT
<i>Clinopodium arkansanum</i> (Nutt.) House often confused with <i>Calamintha glabella</i> (Michx.) Benth. syn: <i>Satureja arkansana</i> (Nutt.) Briquet	Limestone Calamint	G5	SH		
<i>Cocculus carolinus</i> (L.) A. DC. Only native Virginia populations are monitored	Carolina Coralbead	G5	S1		
<i>Coelorachis rugosa</i> (Nutt.) Nash syn: <i>Manisuris rugosa</i> (Nutt.) Kuntze	Wrinkled Jointgrass	G5	S1		
<i>Collinsia verna</i> Nutt.	Eastern Blue-eyed Mary	G5	S1		
<i>Collinsonia verticillata</i> Baldw.	Whorled Horsebalm	G3G4	S1		
<i>Conioselinum chinense</i> (L.) B.S.P.	Hemlock Parsley	G5	S1		
<i>Corallorhiza bentleyi</i> Freudenstein	Bentley's Coralroot	G2	S2		LE
<i>Corallorhiza maculata</i> (Raf.) Raf. var. <i>occidentalis</i> (Lindl.) Cockerell	Western Spotted Coralroot	G5T3T5	SH		
<i>Corallorhiza trifida</i> Châtelain	Early Coralroot	G5	S1		
<i>Coreopsis delphiniifolia</i> Lam.	Larkspur Coreopsis	G3?Q	S1		
<i>Coreopsis falcata</i> Boynton	Pool Coreopsis	G4G5	S1		
<i>Coreopsis linifolia</i> Nutt. syn: <i>C. oniscicarpa</i> Fern.	Savanna Coreopsis	G4Q	S1		
<i>Cornus canadensis</i> L.	Bunchberry	G5	S1		
<i>Cornus obliqua</i> (Raf.) J.S. Wilson	Silky Dogwood	G5	S1		
<i>Cornus rugosa</i> Lam.	Round-leaf Dogwood	G5	S1		
<i>Crataegus calpodendron</i> (Ehrh.) Medik.	Pear Hawthorn	G5	S1		
<i>Crataegus mollis</i> Scheele var. <i>mollis</i>	Downy Hawthorn	G5T5	S1		
<i>Crataegus succulenta</i> Schrad. ex Link var. <i>neofluvialis</i> (Ashe) Palmer	New River Hawthorn	G5TNR	SH		
<i>Crataegus succulenta</i> Schrad. ex Link var. <i>succulenta</i>	Fleshy Hawthorn	G5T5	S1		
<i>Crocanthemum bicknellii</i> Fern. (Barnhart)	Plains Frostweed	G5	S1		
<i>Crocanthemum propinquum</i> Bickn. (Bickn.)	Low Frostweed	G4	S1		
<i>Crotalaria purshii</i> DC.	Pursh's Rattlebox	G5	S1		
<i>Crotalaria rotundifolia</i> Walt. ex J.F. Gmel. var. <i>vulgaris</i> Windler syn: <i>C. angulata</i> P. Mill.	Low Rattlebox	G5TNR	SH		
<i>Ctenium aromaticum</i> (Walt.) Wood	Toothache Grass	G5	S1		

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<i>Cuscuta cephalanthi</i> Engelm.	Buttonbush Dodder	G5	S1		
<i>Cuscuta coryli</i> Engelm.	Hazel Dodder	G5?	S2		
<i>Cuscuta indecora</i> Choisy	Big-seed Alfalfa Dodder	G5	S1		
<i>Cuscuta polygonorum</i> Engelm.	Smartweed Dodder	G5	S1		
<i>Cuscuta rostrata</i> Shuttlw. ex Engelm. & Gray	Beaked Dodder	G4	S1S2		
<i>Cuthbertia graminea</i> Small	Grasslike Roselings	G5	S1		
syn: <i>Tradescantia rosea</i> Vent. var. <i>graminea</i> (Small) E.S. Anderson & Woods					
syn: <i>Callisia graminea</i> (Small) G. Tucker					
<i>Cyperus acuminatus</i> Torr. & Hook. ex Torr.	Short-point flatsedge	G5	S1		
<i>Cyperus dentatus</i> Torr.	Toothed Flatsedge	G4	S1		
<i>Cyperus diandrus</i> Torr.	Umbrella Flatsedge	G5	S1		
<i>Cyperus granitophilus</i> McVaugh	Granite Flatsedge	G3G4Q	S1		
<i>Cyperus houghtonii</i> Torr.	Houghton's Flatsedge	G4?	SH		
<i>Cyperus odoratus</i> L. var. <i>engelmannii</i> (Steud.) R. Carter	Slender Sand Sedge	G5T4Q	S1		
<i>Cyperus plukenetii</i> Fern.	Plukenet's Flatsedge	G5	S2		
<i>Cypripedium candidum</i> Muhl. ex Willd.	Small White Lady's-slipper	G4	S1		
<i>Cypripedium kentuckiense</i> C.F. Reed	Kentucky Lady's-slipper	G3	S1		
<i>Cypripedium reginae</i> Walt.	Showy Lady's-slipper	G4G5	S1		
<i>Cystopteris tennesseensis</i> Shaver	Tennessee Bladder Fern	G5	S1		
<i>Dasistoma macrophyllum</i> (Nutt.) Raf.	Mullein Foxglove	G4	S1		
<i>Deschampsia cespitosa</i> (L.) Beauv.	Tufted Hairgrass	G5	S1		
<i>Desmodium canadense</i> (L.) DC.	Showy Tick-trefoil	G5	S1		
<i>Desmodium cuspidatum</i> (Muhl. ex Willd.) DC. ex Loud. var. <i>cuspidatum</i>	Toothed Tick-trefoil	G5T5?	S2		
<i>Desmodium ochroleucum</i> M.A. Curtis ex Canby	Cream-flowered Tick-trefoil	G2	S1		
<i>Desmodium sessilifolium</i> (Torr.) Torr. & Gray	Sessile-leaf Tick-trefoil	G5	S2		
<i>Desmodium strictum</i> (Pursh) DC.	Pineland Tick-trefoil	G4	S2		
<i>Desmodium tenuifolium</i> Torr. & Gray	Slim-leaf Tick-trefoil	G4	S1		
<i>Diamorpha smallii</i> Britt. ex Small	Small's Stonecrop	G4	S1		
syn: <i>Sedum smallii</i> (Britton ex Small) Ahles					
<i>Dichanthelium caeruleum</i> (Hack. ex Hitchc.) Correll	Blue Panic Grass	G2G3	S1		
syn: <i>Panicum caeruleum</i> Hack ex A.S. Hitchc.					
Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999)					
<i>Dichanthelium consanguineum</i> (Kunth) Gould & C. A. Clark	Blood Panic Grass	G5	S1S2		
syn: <i>Panicum consanguineum</i> Kunth					

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<i>Dichanthelium cryptanthum</i> (Ashe) LeBlond syn: <i>Panicum scabriusculum</i> (Ell.) Gould & Clark var. <i>cryptanthum</i> (Ashe) Gleason	Hidden-flowered Panic Grass	G3G4Q	S1		
<i>Dichanthelium curtifolium</i> (Nash) LeBlond syn: <i>Dichanthelium ensifolium</i> (Baldw. ex Ell.) Gould ssp. <i>curtifolium</i> (Nash) Freckmann & LeLong	Short-leaved Witchgrass	G3?	S1		
<i>Dichanthelium ovale</i> (Ell.) Gould & C. A. Clark var. <i>ovale</i> syn: <i>Panicum ovale</i> Ell. var. <i>ovale</i>	Oval-flowered Panic Grass	G5T5	S1?		
<i>Dichanthelium</i> sp. 12 Undescribed taxon known from shale woodlands in Bath County	A Panic Grass	GNR	S1		
<i>Dichanthelium</i> sp. 13 Undescribed taxon known from mafic woodlands in Halifax County	A Panic Grass	GNR	S1		
<i>Dichanthelium strigosum</i> (Muhl. ex Ell.) Freckmann var. <i>strigosum</i> syn: <i>Panicum strigosum</i> Muhl. ex Ell. var. <i>strigosum</i>	Rough-hair Panic Grass	G5T5	SH		
<i>Didiplis diandra</i> (Nutt. ex DC.) Wood syn: <i>Peplis diandra</i> Nutt. ex DC.	Water-purslane	G5	S1		
<i>Digitaria cognata</i> (J.A. Schultes) Pilger syn: <i>Leptoloma cognata</i> (J.A. Schultes) Chase	Fall Witch Grass	G5	S1		
<i>Digitaria serotina</i> (Walt.) Michx.	Dwarf Crabgrass	G5?	S1		
<i>Drymocallis arguta</i> (Pursh) Rydberg syn: <i>Potentilla arguta</i> Pursh	Tall Cinquefoil	G5	S1		
<i>Dryopteris clintoniana</i> (D.C. Eaton) Dowell	Clinton's Wood Fern	G5	SH		
<i>Echinacea laevigata</i> (C.L. Boynt. & Beadle) Blake	Smooth Coneflower	G2G3	S2	LE	LT
<i>Echinocystis lobata</i> (Michx.) Torr. & Gray	Wild Cucumber	G5	SH		
<i>Echinodorus tenellus</i> (Mart.) Buch. syn: <i>Echinodorus parvulus</i> Engelm.	Dwarf Burhead	G5?	S1		
<i>Elatine minima</i> (Nutt.) Fisch. & C.A. Mey.	Small Waterwort	G5	S1		
<i>Eleocharis baldwinii</i> (Torr.) Chapman	Baldwin's Spikerush	G4G5	S1		
<i>Eleocharis bifida</i> S.G. Smith	Glades Spikerush	G3G4	S1		
<i>Eleocharis compressa</i> Sullivant var. <i>compressa</i>	Flattened Spikerush	G4TNR	S2		
<i>Eleocharis elliptica</i> Kunth	Elliptic Spikerush	G5	S1		
<i>Eleocharis equisetoides</i> (Ell.) Torr.	Horsetail Spikerush	G4	S1		
<i>Eleocharis intermedia</i> J.A. Schultes	Matted Spikerush	G5	S1		
<i>Eleocharis melanocarpa</i> Torr.	Black-fruited Spikerush	G4	S2		
<i>Eleocharis radicans</i> (A. Dietr.) Kunth	Rooted Spikerush	G5	SH		
<i>Eleocharis robbinsii</i> Oakes	Robbins' Spikerush	G4G5	S1		
<i>Eleocharis tricostata</i> Torr.	Three-angled Spikerush	G4	S1		

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<i>Eleocharis uniglumis</i> (Link) Schultes formerly listed as <i>Eleocharis halophila</i>	One-scale Spikerush	G5	S1		
<i>Eleocharis vivipara</i> Link	Viviparous Spikerush	G5	S1		
<i>Eleocharis wolfii</i> (Gray) Gray ex Britt.	Wolf's Spikerush	G3G5	S1		
<i>Elymus canadensis</i> L. var. <i>canadensis</i>	Nodding Wild Rye	G5TNR	S1		
<i>Elymus trachycaulus</i> (Link) Gould ex Shinnery <i>ssp. trachycaulus</i> syn: <i>Agropyron trachycaulum</i> (Link) Malte ex H.F. Lewis	Slender Wheatgrass	G5T5	S1		
<i>Enemion biternatum</i> Raf. syn: <i>Isopyrum biternatum</i> (Raf.) Torr. & Gray	False Rue-anemone	G5	S1		
<i>Epilobium ciliatum</i> Raf. <i>ssp. ciliatum</i>	American Willow-herb	G5T5	S1		
<i>Epilobium leptophyllum</i> Raf.	Bog Willow-herb	G5	S2S3		
<i>Equisetum fluviatile</i> L.	Water Horsetail	G5	S1		
<i>Equisetum sylvaticum</i> L.	Woodland Horsetail	G5	S1		
<i>Erigeron vernus</i> (L.) Torr. & Gray	White-top Fleabane	G5	S2		
<i>Eriocaulon aquaticum</i> (Hill) Druce	Seven-angled Pipewort	G5	S1		
<i>Eriocaulon decangulare</i> L. var. <i>decangulare</i>	Ten-angled Pipewort	G5T5?	S2		
<i>Eriocaulon parkeri</i> B.L. Robins.	Parker's Pipewort	G3	S2		
<i>Eryngium integrifolium</i> Walt.	Blue-flower Eryngo	G5	S1		
<i>Eryngium yuccifolium</i> Michx. var. <i>yuccifolium</i>	Northern Rattlesnake-master	G5T5	S2		
<i>Erysimum capitatum</i> (Dougl. ex Hook.) Greene var. <i>capitatum</i> All Virginia <i>E. capitatum</i> is var. <i>capitatum</i>	Western Wallflower	G5T5	S2		
<i>Erythronium albidum</i> Nutt.	White Trout Lily	G5	S2		
<i>Eupatorium linearifolium</i> Walter	Narrow-leaf Bushy Thoroughwort	G5	SH		
<i>Eupatorium maritimum</i> E.E. Schilling Newly named taxon, formerly lumped with <i>Eupatorium anomalum</i> Nash	A Eupatorium	G2?	S1		
<i>Euphorbia bombensis</i> Jacquin syn: <i>Chamaesyce bombensis</i> (Jacquin) Dugand	Southern Seaside Spurge	G4G5	S2		
<i>Euphorbia exserta</i> (Small) Coker	Maroon Sandhills Spurge	G4?	S1		
<i>Euphorbia purpurea</i> (Raf.) Fern.	Glade Spurge	G3	S2		
<i>Eurybia radula</i> (Ait.) Nesom syn: <i>Aster radula</i> Ait.	Low Rough Aster	G5	S1		
<i>Eurybia surculosa</i> (Michx.) Nesom syn: <i>Aster surculosus</i> Michx.	Creeping Aster	G4G5	S1S2		
<i>Eutrochium maculatum</i> (L.) E.E. Lamont var. <i>maculatum</i> syn: <i>Eupatorium maculatum</i> L. var. <i>maculatum</i>	Spotted Joe-pye-weed	G5T5	S1		
<i>Filipendula rubra</i> (Hill) B.L. Robins.	Queen-of-the-Prairie	G4G5	S2		

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<i>Fimbristylis perpusilla</i> Harper ex Small & Britt.	Harper's Fimbry	G2	S1		LE
<i>Fimbristylis puberula</i> (Michx.) Vahl var. <i>puberula</i>	Hairy Fimbry	G5T5	S1		
Under <i>F. spadicea</i> (L.) Vahl. in Radford et al. (1968)					
Under <i>F. caroliniana</i> (Lam.) Fern. in Fernald (1950)					
All Virginia <i>F. puberula</i> is var. <i>puberula</i>					
<i>Fleischmannia incarnata</i> (Walt.) King & H.E. Robins.	Pink Thoroughwort	G5	S2		
syn: <i>Eupatorium incarnatum</i> Walter					
<i>Fragaria vesca</i> L. var. <i>americana</i> (Porter) Staudt	Woodland Strawberry	G5T5	S1		
All native <i>F. vesca</i> is var. <i>americana</i>					
<i>Fuirena breviseta</i> (Coville) Coville	Short-bristled Umbrella-sedge	G5	SH		
Under <i>F. squarrosa</i> Michx. in Radford et al. (1968)					
<i>Gaylussacia brachycera</i> (Michx.) Gray	Box Huckleberry	G3	S1		
<i>Gentiana autumnalis</i> L.	Pine Barren Gentian	G3	S1		
<i>Gentianella quinquefolia</i> (L.) Small var. <i>occidentalis</i> Gray	Western Stiff Gentian	G5T4T5	S1		
<i>Gentianopsis crinita</i> (Froel.) Ma	Greater Fringed Gentian	G5	S1		
<i>Geum aleppicum</i> Jacq.	Yellow Avens	G5	SH		
<i>Geum laciniatum</i> Murr.	Rough Avens	G5	S1		
<i>Gillenia stipulata</i> (Muhl. ex Willd.) Nutt.	American ipecac	G5	S1		
syn: <i>Porteranthus stipulatus</i> (Muhl. ex Willd.) Britt.					
<i>Glyceria grandis</i> S. Wats. var. <i>grandis</i>	American Mannagrass	G5T5	S1		
<i>Glyceria laxa</i> (Scribn.) Scribn.	Northern Mannagrass	G5	S1		
<i>Gnaphalium uliginosum</i> L.	Low Cudweed	G5	S1		
<i>Goodyera repens</i> (L.) R. Br. ex Ait. f.	Dwarf Rattlesnake-plantain	G5	S1		
<i>Gratiola ramosa</i> Walt.	Branched Hedge-hyssop	G4G5	S1		
<i>Harperella nodosa</i> Rose	Harperella	G2	S1	LE	LE
syn: <i>Ptilimnium nodosum</i> (Rose) Mathias					
<i>Helenium brevifolium</i> (Nutt.) Wood	Short-leaf Sneezeweed	G4	S2		
<i>Helenium virginicum</i> Blake	Virginia Sneezeweed	G3	S2	LT	LE
<i>Helianthus occidentalis</i> Riddell ssp. <i>occidentalis</i>	Western Sunflower	G5T5	S1		
<i>Heliotropium curassavicum</i> L. var. <i>curassivicum</i>	Seaside Heliotrope	G5T5	S1		
<i>Helonias bullata</i> L.	Swamp-pink	G3	S2S3	LT	LE
<i>Heteranthera multiflora</i> (Griseb.) Horn	Mud Plantain	G4	S1		
<i>Heuchera alba</i> Rydb.	White Alumroot	G2Q	S1		

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<i>Heuchera caroliniana</i> (Rosendahl, Butters & Lakela) E. Wells	Carolina Alumroot	G3	S1		
<i>Hexastylis contracta</i> Blomquist	Mountain Heartleaf	G3	S1		
<i>Honckenya peploides</i> (L.) Ehrh. ssp. <i>robusta</i> (Fern.) Hulten syn: <i>Honkenya peploides</i> (L.) Ehrh. syn: <i>Arenaria peploides</i> L. var. <i>robusta</i> Fern.	Sea-beach Sandwort	G5T5	SH		
<i>Hordeum jubatum</i> L. ssp. <i>jubatum</i> Only native Virginia occurrences are monitored	Foxtail Barley	G5T5	S1		
<i>Houstonia canadensis</i> Willd. ex Roemer & J.A. Schultes syn: <i>Hedyotis canadensis</i> (Willd. ex Roemer & J.A. Schultes) Fosberg	Canada Bluets	G4G5	S2		
<i>Houstonia montana</i> Small syn: <i>Houstonia purpurea</i> L. var. <i>montana</i> (Small) Terrell	Roan Mountain Bluet	G2	S1	LE	
<i>Houstonia nigricans</i> (Lam.) Fernald var. <i>nigricans</i> syn: <i>Hedyotis nigricans</i> (Lam.) Fosberg	Glade Bluets	G5T5	S1		
<i>Huperzia appressa</i> (Desvaux) A. Löve & D. Löve syn: <i>Huperzia appalachiana</i> Beitel & Mickel Includes apparent hybrids between <i>H. appressa</i> and <i>H. lucidula</i>	Appalachian Fir Clubmoss	G5	S2		
<i>Huperzia porophila</i> (Lloyd & Underwood) Holub syn: <i>Lycopodium porophilum</i> Lloyd & Underwood	Rock Clubmoss	G4	S1		
<i>Hydrocotyle bonariensis</i> Comm. ex Lam.	Coastal Water-pennywort	G5	S2		
<i>Hypericum adpressum</i> Raf. ex W. Bart.	Bog St. John's-wort	G3	S1		
<i>Hypericum boreale</i> (Britt.) Bickn.	Northern St. John's-wort	G5	S2		
<i>Hypericum densiflorum</i> Pursh var. <i>interior</i> (Small) Sorrie & Weakley	Interior Bushy St. John's-wort	G5TNR	S1		
<i>Hypericum denticulatum</i> Walt. Does not include <i>H. virgatum</i> (= <i>H. denticulatum</i> var. <i>acutifolium</i> Ell.)	Coppery St. John's-wort	G5	S1		
<i>Hypericum ellipticum</i> Hook.	Pale St. John's-wort	G5	S1		
<i>Hypericum fraseri</i> Spach syn: <i>Triadenum fraseri</i> (Spach) Gleason	Fraser's Marsh St. John's-wort	G5	S2		
<i>Hypericum lloydii</i> (Svenson) P. Adams	Sandhill St.-John's-wort	G4?	SH		
<i>Hypericum setosum</i> L.	Hairy St. John's-wort	G4G5	S1S2		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Hypericum tubulosum</i> Walt.	Lesser Marsh St. John's-wort	G4?	S2		
syn: <i>Triadenum tubulosum</i> (Walt.) Gleason					
<i>Hypoxis sessilis</i> L.	Glossy-seed Yellow Stargrass	G4	SH		
Includes <i>H. longii</i> Fern.					
<i>Ilex collina</i> Alexander	Long-stalked Holly	G3	S1		LE
syn: <i>Nemopanthus collinus</i> (Alexander) R. Clark					
<i>Ilex coriacea</i> (Pursh) Chapman	Big Gallberry	G5	S1		
<i>Iliamna corei</i> Sherff	Peters Mountain Mallow	G1	S1	LE	LE
<i>Iliamna remota</i> Greene	Kankakee Mallow	G1Q	S1		
<i>Isoetes appalachiana</i> Brunton & Britton	Appalachian Quillwort	G4	S1		
<i>Isoetes hyemalis</i> Brunton	Winter Quillwort	G2G3	S2		
<i>Isoetes lacustris</i> L.	Lake Quillwort	G5	SH		
<i>Isoetes mattaponica</i> L.J. Musselman & W.C. Taylor	Mattaponi Quillwort	GNR	S2		
<i>Isoetes melanopoda</i> Gay & Durieu ex Durieu	Black-footed Quillwort	G5	S1		
<i>Isoetes piedmontana</i> (N.E. Pfeiffer) C.F. Reed	Piedmont Quillwort	G4	S1		
<i>Isoetes virginica</i> N.E. Pfeiffer	Virginia Quillwort	G1	S1		LE
<i>Isotria medeoloides</i> (Pursh) Raf.	Small Whorled Pogonia	G2?	S2	LT	LE
<i>Iva imbricata</i> Walt.	Dune Marsh-elder	G5?	S1		
<i>Juncus articulatus</i> L.	Jointed Rush	G5	S1		
<i>Juncus balticus</i> Willd. var. <i>littoralis</i> Engelm.	Baltic Rush	G5T5	S1		
<i>Juncus brachycephalus</i> (Engelm.) Buch.	Small-headed Rush	G5	S2		
<i>Juncus brevicaudatus</i> (Engelm.) Fern.	Narrow-panicled Rush	G5	S2		
<i>Juncus caesariensis</i> Coville	New Jersey Rush	G2G3	S2		LT
<i>Juncus elliotii</i> Chapman	Bog Rush	G4G5	S1		
<i>Juncus megacephalus</i> M.A. Curtis	Big-headed Rush	G4G5	S2		
<i>Juncus nodosus</i> L.	Knotted Rush	G5	S1		
<i>Juncus pelocarpus</i> E. Mey.	Brown-fruited Rush	G5	S2		
<i>Juncus torreyi</i> Coville	Torrey's Rush	G5	S1		
<i>Juncus trifidus</i> L.	Highland Rush	G5	S1		
<i>Juniperus communis</i> L. var. <i>depressa</i> Pursh	Ground Juniper	G5T5	S1		
At least one Virginia population thought to be var. <i>depressa</i> has been redetermined as the introduced var. <i>communis</i> . Other populations should be re-examined.					
<i>Kalmia angustifolia</i> L.	Sheep Laurel	G5	S2		
<i>Kalmia carolina</i> Small	Carolina Laurel	G4	S2		
syn: <i>Kalmia anugustifolia</i> L. var. <i>caroliniana</i> (Small) Fernald					
<i>Lachnanthes caroliniana</i> (Lam.) Dandy	Redroot	G4	SH		
<i>Lachnocaulon anceps</i> (Walt.) Morong	Common Bog-buttons	G5	S1		
<i>Lathyrus palustris</i> L.	Marsh Pea	G5	S1		

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<i>Lechea intermedia</i> Leggett ex Britt. var. <i>intermedia</i>	Round-fruit Pinweed	G5T4T5	SH		
<i>Leersia hexandra</i> Sw.	Southern Cutgrass	G5	SH		
<i>Lemna trisulca</i> L.	Star Duckweed	G5	S1		
<i>Leucothoe fontanesiana</i> (Steud.) Sleumer syn: <i>L. axillaris</i> (Lam.) D. Don var. <i>editorum</i> (Fern. & Shub.) Ahles	Highland Dog-hobble	G5	S1S2		
<i>Lilaeopsis carolinensis</i> Coult. & Rose	Carolina Lilaeopsis	G3G5	S1		
<i>Lilium catesbaei</i> Walt.	Pine Lily	G4	S1		
<i>Lilium grayi</i> S. Wats. Includes low-elevation (< 1200 m.) occurrences, which are likely intergrades between <i>L. grayi</i> and <i>L. canadense</i>	Gray's Lily	G3	S2		
<i>Lilium pyrophilum</i> M.W. Skinner & Sorrie Virginia occurrences alleged to be closer genetically to <i>Lilium superbum</i> than typical <i>L.</i> <i>pyrophilum</i> of the Carolinas	Sandhills Bog Lily	G2	S1		
<i>Limosella australis</i> R. Br. syn: <i>L. subulata</i> Ives	Mudwort	G4G5	SH		
<i>Liparis loeselii</i> (L.) L.C. Rich.	Bog Twayblade	G5	S2		
<i>Lipocarpa maculata</i> (Michx.) Torr.	American Halfchaff Sedge	G5	S1		
<i>Lipocarpa micrantha</i> (Vahl) G. Tucker syn: <i>Hemicarpha micrantha</i> (Vahl) Pax	Small-flower Halfchaff Sedge	G5	S2		
<i>Lithospermum carolinense</i> (Walt. ex J.F. Gmel.) MacM.	Golden Puccoon	G4G5	S1		
<i>Lithospermum virginianum</i> L. syn: <i>Onosmodium virginianum</i> (L.) DC.	Virginia False Gromwell	G4	S2		
<i>Litsea aestivalis</i> (L.) Fern.	Pondspice	G3?	S1		
<i>Lobelia elongata</i> Small	Long-leaf Lobelia	G4G5	S1		
<i>Ludwigia alata</i> Ell.	Winged Seedbox	G3G5	S1		
<i>Ludwigia brevipes</i> (B.H. Long ex Britt., A. Braun & Small) Eames	Long Beach Seedbox	G2G3	S2		
<i>Ludwigia hirtella</i> Raf.	Rafinesque's Seedbox	G5	S2		
<i>Ludwigia pilosa</i> Walt.	Hairy Seedbox	G5	S1		
<i>Ludwigia ravenii</i> Peng	Raven's Seedbox	G1G2	S1		
<i>Ludwigia virgata</i> Michx.	Savanna Seedbox	G5	SH		
<i>Lycopodiella inundata</i> (L.) Holub syn: <i>Lycopodium inundatum</i> L.	Northern Bog Clubmoss	G5	S1		
<i>Lysimachia hybrida</i> Michx.	Lowland Loosestrife	G5	S2		
<i>Lysimachia quadriflora</i> Sims	Prairie Loosestrife	G5?	S1		
<i>Lysimachia radicans</i> Hook.	Trailing Loosestrife	G4G5	SH		
<i>Lythrum alatum</i> Pursh	Winged Loosestrife	G5	S2		
<i>Lythrum lanceolatum</i> Ell. syn: <i>Lythrum alatum</i> Pursh var. <i>lanceolatum</i> (Ell.) Torr. & Gray ex Rothrock	Lance-leaf Loosestrife	G5	SH		

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<i>Magnolia macrophylla</i> Michx.	Bigleaf Magnolia	G5	S1		
<i>Maianthemum stellatum</i> (L.) Link	Starry Solomon's-plume	G5	S1S2		
<i>Malaxis bayardii</i> Fernald	Appalachian Adder's-Mouth	G1G2	SH		
<i>Malvastrum angustum</i> A. Gray syn: <i>Malvastrum hispidum</i> (Pursh) Hochreutiner	Hispid False Mallow	G3G5	S1		
<i>Manfreda virginica</i> (L.) Salisb. ex Rose syn: <i>Agave virginica</i> L.	Eastern False-aloe	G5	S2		
<i>Marshallia legrandii</i> Weakley	Tall Barbara's-buttons	G1	S1		
<i>Marshallia obovata</i> (Walt.) Beadle & F.E. Boynt. var. <i>obovata</i>	Piedmont Barbara's-buttons	G4G5T3T5	S1		
<i>Matelea decipiens</i> (Alexander) Woods.	Old-field Milkvine	G5	S1		
<i>Matteuccia struthiopteris</i> (L.) Todaro var. <i>pennsylvanica</i> (Willd.) C.V. Morton	Ostrich Fern	G5T5	S1		
<i>Melica nitens</i> (Scribn.) Nutt. ex Piper	Three-flower Melic	G5	S1		
<i>Menyanthes trifoliata</i> L.	Buckbean	G5	S1		
<i>Micranthemum micranthemoides</i> (Nutt.) Wettst.	Nuttall's Micranthemum	GH	SH		
<i>Micranthemum umbrosum</i> (J.F. Gmel.) Blake	Shade Mudflower	G5	S2		
<i>Micranthes careyana</i> (A. Gray) Small syn: <i>Saxifraga careyana</i> Gray	Carey's Saxifrage	G3	S1		
<i>Mimosa microphylla</i> Dryander syn: <i>Schrankia microphylla</i> (Dry.) J.F. MacBr.	Little-leaf Sensitive-brier	G5	S1		
<i>Mimulus moschatus</i> Dougl. ex Lindl.	Muskflower	G5	SH		
<i>Minuartia caroliniana</i> (Walt.) Mattf.	Carolina Sandwort	G5	SH		
<i>Minuartia groenlandica</i> (Retz.) Ostenf.	Mountain Sandwort	G5	S1		
<i>Mitreola petiolata</i> (J.F. Gmel.) Torr. & Gray syn: <i>Cynoctonum mitreola</i> (L.) Britt.	Lax Hornpod	G5	S1		
<i>Mitreola sessilifolia</i> (J.F. Gmel) G. Don syn: <i>Cynoctonum sessilifolium</i> J.F. Gmel.	Swamp Hornpod	G4G5	S1		
<i>Moehringia lateriflora</i> (L.) Fenzl syn: <i>Arenaria lateriflora</i> L.	Grove Sandwort	G5	S1		
<i>Monarda fistulosa</i> L. var. <i>brevis</i> Fosberg & Artz	Smoke Hole Bergamot	G5T1T2	SH		
<i>Morella pumila</i> (Michx.) Small	Dwarf Wax Myrtle	GNR	S1		
<i>Muhlenbergia bushii</i> Pohl Includes <i>M. brachyphylla</i> Bush	Bush's Muhly	G5	S1		
<i>Muhlenbergia cuspidata</i> (Torr. ex Hook.) Rydb.	Plains Muhly	G5	S2		
<i>Muhlenbergia expansa</i> (Poir.) Trin. syn: <i>M. capillaris</i> (Lam.) Trin. var. <i>trichopodes</i> (Ell.) Vasey	Cut-over Muhly	G5	SH		
<i>Muhlenbergia glabriflora</i> Scribn.	Inland Muhly	G4?	SH		
<i>Muhlenbergia glomerata</i> (Willd.) Trin.	Marsh Muhly	G5	S2		
<i>Myriophyllum humile</i> (Raf.) Morong	Low Water-milfoil	G5	S1		

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<i>Myriophyllum laxum</i> Shuttlw. ex Chapm.	Loose Water-milfoil	G3	SH		
<i>Nabalus autumnalis</i> (Walt.) Weakley	Slender Rattlesnake-root	G4G5	S1		
syn: <i>Prenanthes autumnalis</i> Walt.					
<i>Napaea dioica</i> L.	Glade Mallow	G4	SH		
<i>Nestronia umbellula</i> Raf.	Nestronia	G4	S1		
<i>Nuphar sagittifolia</i> (Walt.) Pursh	Narrow-leaved Spatterdock	G2	S1		LT
syn: <i>Nuphar lutea</i> (L.) Sm. ssp. <i>sagittifolia</i> (Walt.) E.O. Beal					
<i>Nymphoides aquatica</i> (J.F. Gmel.) Kuntze	Big Floating Heart	G5	S1		
<i>Oenothera riparia</i> Nuttall	Riverbank Evening-primrose	G2G3	S1S2		
syn: <i>O. tetragona</i> Roth ssp. <i>glauca</i> (Michaux) Munz var. <i>riparia</i> (Nuttall) Munz					
included in <i>O. fruticosa</i> L. by Radford et al. (1968)					
<i>Oldenlandia boscii</i> (DC.) Chapman	Bosc's Bluets	G5	S1		
syn: <i>Hedyotis boscii</i> DC.					
<i>Ophioglossum petiolatum</i> Hook.	Long-stem Adder's-tongue	G5	S1		
<i>Ophioglossum pusillum</i> Raf.	Northern Adder's-tongue	G5	SH		
syn: <i>O. vulgatum</i> L. var. <i>pseudopodium</i> (Blake) Farw.					
<i>Orbexilum onobrychis</i> (Nutt.) Rydb.	Lance-leaf Scurfpea	G5	SH		
syn: <i>Psoralea onobrychis</i> Nutt.					
<i>Orthilia secunda</i> (L.) House	One-sided Shinleaf	G5	SH		
syn: <i>Pyrola secunda</i> L.					
<i>Oryzopsis asperifolia</i> Michx.	Rough-leaved Ricegrass	G5	S1		
<i>Osmanthus americanus</i> (L.) Benth. & Hook f. ex Gray	Wild Olive	G5	S1		
<i>Osmundastrum cinnamomeum</i> (L.) C. Presl var. <i>glandulosum</i> (Waters) McAvoy	Glandular Cinnamon Fern	G5TNR	S1		
<i>Oxypolis ternata</i> (Nutt.) A. Heller	Savanna Cowbane	G3	SH		
<i>Packera crawfordii</i> (Britton) A. M. Mahoney & R. R. Kowal	Crawford's Ragwort	G2G3	S1		
<i>Packera millefolium</i> (Torr. & Gray) Weber & Löve	Yarrow-leaved Ragwort	G3	S2		
<i>Panicum hemitomon</i> J.A. Schultes	Maidencane	G5?	S2		
<i>Parathelypteris simulata</i> (Davenport) Holttum	Bog Fern	G4G5	S1S2		
syn: <i>Thelypteris simulata</i> (Davenport) Nieuwland					
<i>Parnassia grandifolia</i> DC.	Large-leaved Grass-of-Parnassus	G3	S2		
<i>Paronychia virginica</i> Spreng. var. <i>virginica</i>	Yellow Nailwort	G4T1Q	S1		
<i>Paspalum bifidum</i> (Bertol.) Nash	Pitchfork Paspalum	G5	SH		

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<i>Paspalum dissectum</i> (L.) L.	Walter's Paspalum	G4?	S2		
<i>Paspalum distichum</i> L.	Joint Paspalum	G5	S1		
<i>Paspalum praecox</i> Walt.	Early Paspalum	G4	S1		
<i>Paxistima canbyi</i> Gray	Canby's Mountain-lover	G2	S2		
syn: <i>Pachistima canbyi</i>					
<i>Pediomelum canescens</i> (Michx.) Rydb.	Buckroot	G3G4	S1		
syn: <i>Psoralea canescens</i> Michx.					
<i>Penstemon australis</i> Small	Southern Beard-tongue	G5	S1?		
<i>Penstemon calycosus</i> Small	Calico Beard-tongue	G5	SH		
<i>Phacelia covillei</i> S. Watson ex A. Gray	Coville's Phacelia	G3	S1		
<i>Phacelia fimbriata</i> Michx.	Fringed Phacelia	G4	S2		
<i>Phalaris caroliniana</i> Walt.	Carolina Canary Grass	G5?	SH		
<i>Phanopyrum gymnocarpon</i> (Ell.) Nash	Savanna Panic Grass	G5	S1		
syn: <i>Panicum gymnocarpum</i> Ell.					
<i>Phemeranthus piedmontanus</i> S. Ware	Piedmont Fameflower	G1	S1		
<i>Phlox amplifolia</i> Britt.	Large-leaf Phlox	G3G5	S1		
<i>Phlox buckleyi</i> Wherry	Sword-leaf Phlox	G2	S2		
<i>Phlox pilosa</i> L.	Downy Phlox	G5	S1		
<i>Phyla nodiflora</i> (L.) Greene	Sawtooth Frogfruit	G5	S1		
syn: <i>Lippia nodiflora</i> (L.) Michx.					
<i>Pinus palustris</i> P. Mill.	Longleaf Pine	G5	S1		
<i>Pityopsis graminifolia</i> (Michx.) Nutt. var. <i>tenuifolia</i> (Torr.) Semple & Bowers	Narrowleaf Silk-Grass	G5T5?	S1		
<i>Plantago cordata</i> Lam.	King-root	G4	SH		
<i>Plantago maritima</i> L. var. <i>juncoides</i> (Lam.) Gray	Seaside Plantain	G5T5	S1		
<i>Platanthera blephariglottis</i> (Willd.) Lindl.	Small White Fringed Orchid	G4G5	S2		
Conflicting opinions on whether Virginia material is var. <i>blephariglottis</i> or var. <i>conspicua</i>					
<i>Platanthera grandiflora</i> (Bigelow) Lindl.	Large Purple Fringed Orchid	G5	S2		
<i>Platanthera leucophaea</i> (Nutt.) Lindl.	Prairie Fringed Orchid	G2G3	SH	LT	LT
<i>Platanthera peramoena</i> (Gray) Gray	Purple Fringeless Orchid	G5	S1		
<i>Platanthera shriveri</i> P.M. Brown	Shriver's Frilly Orchid	G1	S1		
<i>Poa languida</i> Hitchcock	Drooping Bluegrass	G3G4Q	S1		
<i>Poa paludigena</i> Fern. & Wieg.	Bog Bluegrass	G3	S2		
<i>Poa palustris</i> L.	Fowl Bluegrass	G5	S1S2		
<i>Poa saltuensis</i> Fern. & Wieg.	Weak Bluegrass	G5	S2		
<i>Polanisia dodecandra</i> (L.) DC. var. <i>dodecandra</i>	Common Clammy-weed	G5T5?	S2		

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<i>Polygala ramosa</i> Ell.	Low Pine Barren Milkwort	G5	SH		
<i>Polygonella polygama</i> (Vent.) Engelm. & Gray var. <i>polygama</i>	October-flower	G4TNR	S1		
<i>Polygonum glaucum</i> Nutt.	Sea-beach Knotweed	G3	S2		
<i>Populus tremuloides</i> Michx.	Quaking Aspen	G5	S1		
<i>Portulaca smallii</i> P. Wilson	Small's Purslane	G3	S1		
<i>Potamogeton amplifolius</i> Tuckerman	Bigleaf Pondweed	G5	S1		
<i>Potamogeton bicupulatus</i> Fern.	Snailseed Pondweed	G4	S1		
<i>Potamogeton friesii</i> Rupr.	Fries' Pondweed	G5	SH		
<i>Potamogeton hillii</i> Morong	Hill's Pondweed	G3	S1		
<i>Potamogeton oakesianus</i> J.W. Robbins	Oakes' Pondweed	G5	S1		
<i>Potamogeton robbinsii</i> Oakes	Flatleaf Pondweed	G5	SH		
<i>Potamogeton spirillus</i> Tuckerman	Spiral Pondweed	G5	SH		
<i>Potamogeton strictifolius</i> Benn.	Straightleaf Pondweed	G5	SH		
<i>Potamogeton tennesseeensis</i> Fern.	Tennessee Pondweed	G2G3	S1		
<i>Potamogeton zosteriformis</i> Fern.	Flatstem Pondweed	G5	S1		
<i>Prunus maritima</i> Marshall	Beach Plum	G4	S1?		
<i>Prunus nigra</i> Ait.	Canada Plum	G4G5	S1?		
<i>Prunus susquehanae</i> Hort. ex Willd.	Susquehanna Sand Cherry	G4G5	S1		
syn: <i>Prunus pumila</i> L. var. <i>susquehanae</i> (Hort. ex Willd.) Jaeger					
<i>Pseudognaphalium helleri</i> (Britt.) A. Anderb.	Heller's Cudweed	G4G5	S1		
<i>Pseudognaphalium macounii</i> (Greene) Kartesz	Clammy Everlasting	G5	S1		
syn: <i>Gnaphalium viscosum</i> Kunth					
<i>Pseudognaphalium micradenium</i> (Weatherby) Nesom	Small Rabbit Tobacco	G3?	S1		
<i>Pseudolycopodiella caroliniana</i> (L.) Holub	Carolina Bog Clubmoss	G4	SH		
syn: <i>Lydopodium carolinianum</i> L.					
syn: <i>Lycopodiella caroliniana</i> (L.) Pichi Sermolli					
<i>Puccinellia fasciculata</i> (Torr.) Bickn.	Eastern Alkali Grass	G3G5	SH		
<i>Pycnanthemum clinopodioides</i> Torr. & Gray	Basil Mountain-mint	G1G2	S1		
<i>Pycnanthemum setosum</i> Nutt.	Awned Mountain-mint	G4	S1		
<i>Pycnanthemum torreyi</i> Benth.	Torrey's Mountain-mint	G2	S2		
<i>Pyrola chlorantha</i> Sw.	Green Pyrola	G5	SH		
syn: <i>P. virens</i> Schreb.					
<i>Pyrola elliptica</i> Nutt.	Shinleaf	G5	S1		
<i>Pyxidanthra barbulata</i> Michx. var. <i>barbulata</i>	Common Pyxie-moss	G4TNR	S1		
<i>Quercus hemisphaerica</i> Bartr. ex Willd.	Sand Laurel Oak	G5	S1		
Under <i>Q. laurifolia</i> Michx. in Radford et al. (1968)					
<i>Quercus incana</i> Bartr.	Bluejack Oak	G5	S2		
<i>Quercus macrocarpa</i> Michx.	Bur Oak	G5	S1		

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<i>Quercus prinoides</i> Willd.	Dwarf Chinquapin Oak	G5	S1		
<i>Ranunculus ambigens</i> S. Wats.	Water-plantain Crowfoot	G4	S1		
<i>Ranunculus flabellaris</i> Raf.	Yellow Water Crowfoot	G5	S2		
<i>Ranunculus hederaceus</i> L.	Ivy-leaved Water Crowfoot	G5	SH		
<i>Ranunculus laxicaulis</i> (Torr. & Gray) Darby	Mississippi Buttercup	G5?	SH		
<i>Ranunculus longirostris</i> Godr.	Long-beaked Buttercup	G5	SH		
syn: <i>Ranunculus aquatilis</i> L. var. <i>diffusus</i> Withering					
<i>Rhamnus alnifolia</i> L'Her.	Alder-leaved Buckthorn	G5	S1		
<i>Rhamnus lanceolata</i> Pursh var. <i>glabrata</i> Gleason	Western Lance-leaf Buckthorn	G5T4T5	S1		
<i>Rhexia petiolata</i> Walt.	Fringed Meadow Beauty	G5?	S1		
<i>Rhododendron arborescens</i> (Pursh) Torr.	Sweet Azalea	G4G5	S2		
<i>Rhus michauxii</i> Sarg.	Michaux's Sumac	G2G3	S1	LE	LT
<i>Rhynchospora alba</i> (L.) Vahl	Northern White Beaksedge	G5	S2		
<i>Rhynchospora capillacea</i> Torr.	Needle Beaksedge	G4G5	S1		
<i>Rhynchospora cephalantha</i> Gray var. <i>attenuata</i> Gale	Small Bunched Beaksedge	G5T3?	S1		
<i>Rhynchospora colorata</i> (L.) H. Pfeiffer	Narrow-leaf Whitetop Sedge	G5	S1		
syn: <i>Dichromena colorata</i> (L.) Hitchc.					
<i>Rhynchospora debilis</i> Gale	Savanna Beaksedge	G4?	S1		
<i>Rhynchospora distans</i> (Michx.) Chapm.	Fasciculate Beaksedge	G4?	S1		
<i>Rhynchospora fascicularis</i> (Michx.) Vahl	Fasciculate Beaksedge	G3G5	S2		
<i>Rhynchospora filifolia</i> Gray	Thread-leaved Beaksedge	G5	SH		
<i>Rhynchospora grayi</i> Kunth	Gray's Beaksedge	G4	SH		
<i>Rhynchospora harveyi</i> W. Boott	Harvey's Beaksedge	G4	S1		
<i>Rhynchospora miliacea</i> (Lam.) Gray	Millet Beaksedge	G5	SH		
<i>Rhynchospora nitens</i> (Vahl) Gray	Short-beaked Beaksedge	G4?	SH		
syn: <i>Psilocarya nitens</i> (Vahl) Wood					
<i>Rhynchospora oligantha</i> Gray	Feather-bristled Beaksedge	G4	S1		
<i>Rhynchospora pallida</i> M.A. Curtis	Pale Beaksedge	G3	SX		
<i>Rhynchospora scirpoides</i> (Torr.) Gray	Long-beaked Beaksedge	G4	S1		
syn: <i>Psilocarya scirpoides</i> Torr.					

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Rhynchospora stenophylla</i> Chapman	Coastal Bog Beaksedge	G4	S1		
<i>Rhynchospora wrightiana</i> Boeckl.	Wright's Beaksedge	G5	S1		
<i>Ribes americanum</i> P. Mill.	Wild Black Currant	G5	S1		
<i>Rorippa aquatica</i> (Eat.) E.J. Palmer & Steyermark	Lake Cress	G4?	SH		
syn: <i>Neobeckia aquatica</i> (Eaton) Greene					
<i>Rorippa sessiliflora</i> (Nutt.) A.S. Hitchc.	Stalkless Yellow Cress	G5	S2		
<i>Rosa setigera</i> Michx.	Climbing Prairie Rose	G5	S1		
<i>Rosa virginiana</i> Miller	Virginia Rose	G5	SH		
<i>Rubus dalibarda</i> L.	Dewdrop	G5	S1		
syn: <i>Dalibarda repens</i> L.					
<i>Rubus idaeus</i> L. var. <i>strigosus</i> (Michx.) Focke	Red Raspberry	G5T5	S2		
<i>Rudbeckia heliopsidis</i> Torr. & Gray	Sun-facing Coneflower	G2	S1		
<i>Rudbeckia laciniata</i> L. var. <i>bipinnata</i> Perdue	Northeastern cutleaf coneflower	G5TNR	S1		
<i>Rudbeckia triloba</i> L. var. <i>beadlei</i> (Small) Fern.	Pinnate-lobed Coneflower	G5TNR	S1		
syn: <i>Rudbeckia triloba</i> L. var. <i>pinnatifida</i>					
<i>Sabatia campanulata</i> (L.) Torr.	Slender Marsh-pink	G5	S2		
<i>Sabatia difformis</i> (L.) Druce	Lance-leaved Rose-gentian	G4G5	S1		
<i>Saccharum coarctatum</i> (Fern.) R. Webster	Compressed Plumegrass	G5?	S1		
syn: <i>Erianthus coarctatus</i> Fern.					
syn: <i>Erianthus coarctatus</i> var. <i>elliottianus</i> Fern.					
<i>Sagittaria brevirostra</i> Mackenzie & Bush	Short-beak arrowhead	G5	SH		
<i>Sagittaria calycina</i> Engelm.	Long-lobe Arrowhead	G5	S1		
<i>Sagittaria engelmanniana</i> J.G. Sm.	Engelmann's Arrowhead	G5?	SH		
<i>Sagittaria rigida</i> Pursh	Sessile-fruited Arrowhead	G5	S1		
<i>Sagittaria spatulata</i> (J.G. Smith) Buchenau	Tidal Arrowhead	G4	S1		
syn: <i>Sagittaria calycina</i> Engelm. var. <i>spongiosa</i> Engelm.					
<i>Salix discolor</i> Muhl.	Pussy Willow	G5	S1		
<i>Salix exigua</i> Nutt. var. <i>sericans</i> (Nees) Nesom	Sandbar Willow	G5TNR	S1		
<i>Sanguisorba canadensis</i> L.	Canada Burnet	G5	S2		
<i>Sarracenia flava</i> L.	Yellow Pitcher Plant	G5?	S1		
<i>Sarracenia purpurea</i> L.	Purple Pitcher Plant	G5	S2		
<i>Sceptridium jenmanii</i> Underwood (Lyon)	Alabama Grape Fern	G3G4	SH		
syn: <i>Botrychium jenmanii</i> Underwood					
<i>Sceptridium multifidum</i> (S.G. Gmelin) M. Nishida	Leathery Grape Fern	G5	S1		
syn: <i>Botrychium multifidum</i> (Gmel.) Trev.					

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Sceptridium oneidense</i> (Gilbert) Holub syn: <i>Botrychium oneidense</i> (Gilbert) House	Blunt-lobed Grape Fern	G4	S1		
<i>Schizachne purpurascens</i> (Torr.) Swallen	Purple Oatgrass	G5	S1		
<i>Schoenoplectus acutus</i> (Muhl. ex Bigelow) Love & Love var. <i>acutus</i>	Hard-stem Bulrush	G5T5	S1		
<i>Schoenoplectus etuberculatus</i> (Steud.) Sojak	Swamp Bulrush	G3G4	SH		
<i>Schoenoplectus smithii</i> (Gray) Sojak	Smith's Bulrush	G5?	SH		
<i>Schoenoplectus subterminalis</i> (Torr.) Sojak	Water Bulrush	G5	S1		
<i>Schoenoplectus torreyi</i> (Olney) Palla	Torrey's Bulrush	G5?	S1		
<i>Schwalbea americana</i> L.	Chaffseed	G2G3	SH	LE	
<i>Scirpus ancistrochaetus</i> Schuyler	Northeastern Bulrush	G3	S2	LE	LE
<i>Scirpus flaccidifolius</i> (Fern.) Schuyler	Reclining Bulrush	G2	S1S2		LT
<i>Scleria ciliata</i> Michx. var. <i>ciliata</i>	Hairy Nutrush	G5TNR	S1		
<i>Scleria minor</i> W. Stone	Slender Nutrush	G4	S2		
<i>Scleria verticillata</i> Muhl. ex Willd.	Whorled Nutrush	G5	S2		
<i>Sclerolepis uniflora</i> (Walt.) B.S.P.	One-flowered Sclerolepis	G4	S1		
<i>Scutellaria galericulata</i> L. syn: <i>S. epilobiifolia</i> A. Hamilton	Hooded Skullcap	G5	S1		
<i>Scutellaria incana</i> Biehler	Hoary Skullcap	G5	S2		
<i>Scutellaria parvula</i> Michx.	Dwarf Skullcap	G4	S1		
<i>Sedum pulchellum</i> Michx.	Widow's-cross	G5	S1		
<i>Senecio suaveolens</i> (L.) Elliott syn: <i>Hasteola suaveolens</i> (L.) Pojark.	Sweet-scented Indian-plantain	G4	S2		
<i>Seymeria cassioides</i> (J.F. Gmel.) Blake	Senna Seymeria	G5	S1S2		
<i>Sibbaldia tridentata</i> (Ait.) Paule & Soják syn: <i>Potentilla tridentata</i> Ait.	Three-toothed Cinquefoil	G5	S2		
<i>Sida elliotii</i> Torr. & Gray var. <i>elliotii</i> Virginia material is referable to <i>Sida inflexa</i> Fern., but treated here as an anomalous form of <i>S. elliotii</i> var. <i>elliotii</i> .	Elliott's Sida	G4G5TNR	S1		
<i>Sida hermaphrodita</i> (L.) Rusby	Virginia Sida	G3	S1		
<i>Silene nivea</i> (Nutt.) Muhl. ex Otth	Snowy Campion	G4?	S1		
<i>Silene ovata</i> Pursh	Mountain Catchfly	G3	S1		
<i>Silene rotundifolia</i> Nutt.	Round-leaf Catchfly	G4	S2		
<i>Silphium terebinthinaceum</i> Jacq.	Prairie Rosin Weed	G4G5	S1		
<i>Sisyrinchium albidum</i> Raf.	White Blue-eyed-grass	G5?	S2		
<i>Smilax ecirrata</i> (Engelm. ex Kunth) S. Wats. also spelled <i>ecirrhata</i>	Upright Carrion-flower	G5	S1		
<i>Solidago lancifolia</i> Torr. & Gray Under <i>S. curtissii</i> Torr. & Gray in Kartesz (1999) Radford et al. (1968). Recent research has affirmed taxonomic status and rarity	Lance-leaf Goldenrod	G3G4Q	S1		
<i>Solidago latissimifolia</i> P. Mill. syn: <i>S. elliotii</i> Torr. & Gray	Elliott's Goldenrod	G5	S2		

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<i>Solidago racemosa</i> Greene syn: <i>S. simplex</i> Kunth ssp. <i>randii</i> (Porter) Ringius var. <i>racemosa</i> (Greene) Ringius syn: <i>S. simplex</i> Kunth var. <i>racemosa</i> (Greene) Ringius	Sticky Goldenrod	G3?	S1		
<i>Solidago randii</i> (Porter) Britt. syn: <i>S. simplex</i> Kunth ssp. <i>randii</i> (Porter) Ringius var. <i>randii</i> syn: <i>S. simplex</i> Kunth var. <i>randii</i> (Porter) Ringius	Rand's Goldenrod	G4	S2		
<i>Solidago rigida</i> L. var. <i>glabrata</i> E.L. Braun syn: <i>Oligoneuron rigidum</i> (L.) var. <i>glabratum</i> (E.L. Braun) Nesom	Southeastern Stiff Goldenrod	G5T4	S1		
<i>Solidago rigida</i> L. var. <i>rigida</i> syn: <i>Oligoneuron rigidum</i> (L.) Small var. <i>rigidum</i>	Stiff Goldenrod	G5T5	S2		
<i>Solidago rupestris</i> Raf. Under <i>S. altissima</i> L. in Radford et al. (1968)	Riverbank Goldenrod	G4?	S1		
<i>Solidago salicina</i> Ell. syn: <i>Solidago patula</i> Muhl. ex Willd. var. <i>strictula</i> Torr. & Gray	Southern Rough-leaved Goldenrod	G5	SH		
<i>Solidago stricta</i> Ait. Includes <i>S. gracillima</i> Torr. & Gray, <i>S. perlonga</i> Fern.	Southern Bog Goldenrod	G4?	S1		
<i>Solidago tortifolia</i> Ell.	Twisted-leaf Goldenrod	G4G5	S1		
<i>Solidago uliginosa</i> Nutt. var. <i>uliginosa</i> All Virginia <i>S. uliginosa</i> is var. <i>uliginosa</i>	Bog Goldenrod	G5T4T5	S2		
<i>Sparganium emersum</i> Rehmman	Narrow-leaf Bur-reed	G5	S1		
<i>Spartina pectinata</i> Link	Freshwater Cordgrass	G5	S2		
<i>Spermacoce glabra</i> Michx.	Smooth False Buttonweed	G4G5	S1		
<i>Spermolepis divaricata</i> (Walt.) Raf. ex Ser.	Rough-fruit Scale-seed	G5	S1?		
<i>Sphenopholis filiformis</i> (Chapman) Scribn.	Long-leaf Wedgegrass	G4?	S1		
<i>Spiraea virginiana</i> Britt.	Virginia Spiraea	G2	S1	LT	LE
<i>Spiranthes eatonii</i> Ames ex P.M. Brown	Eaton's Ladies'-tresses	G2G4	S1		
<i>Spiranthes lucida</i> (H.H. Eat.) Ames	Shining Ladies'-tresses	G4	S1S2		
<i>Spiranthes magnicamporum</i> Sheviak	Great Plains Ladies'-tresses	G3G4	S1		

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<i>Sporobolus compositus</i> (Poir.) Merr. var. <i>compositus</i> syn: <i>S. asper</i> (Beauv.) Kunth, All Virginia <i>S. compositus</i> is var. <i>compositus</i>	Tall Dropseed	G5T5	S2		
<i>Sporobolus heterolepis</i> (Gray) Gray	Prairie Dropseed	G5	S1		
<i>Sporobolus junceus</i> (Beauv.) Kunth	Purple Dropseed	G5	S1		
<i>Sporobolus neglectus</i> Nash	Small Dropseed	G5	S1		
<i>Sporobolus ozarkanus</i> Fernald	Ozark Dropseed	G5?	S1		
<i>Stachys appalachiana</i> D.B. Poindexter & J.B. Nelson	Appalachian Hedge-nettle	GNR	S1		
<i>Stachys arenicola</i> Britt. Given as <i>S. palustris</i> L. in Harvill et al. (1992)	Hairy Hedge-nettle	G4?	S1		
<i>Stachys aspera</i> Michx. syn: <i>S. hyssopifolia</i> Michx. var. <i>ambigua</i> Gray	Rough Hedge-nettle	G4?	S2		
<i>Stachys eplingii</i> J. Nelson	Epling's Hedge-nettle	G1G2	S1		
<i>Stachys matthewsii</i> G.P. Fleming, J.B. Nelson, & J.F. Townsend	Yadkin Hedge-nettle	G1G2	S1		
<i>Steinchisma hians</i> (Ell.) Nash syn: <i>Panicum hians</i> Ell.	Gaping Panic Grass	G5	S1		
<i>Stellaria alsine</i> Grimm	Bog Chickweed	G5	S1		
<i>Stenanthium densum</i> (Desr.) Zomlefer & Judd	Dense-flowered Camas	G5	S1		
<i>Stenanthium leimanthoides</i> (A. Gray) Zomlefer & Judd	Pinebarrens Death-camas	G4Q	S1		
<i>Stewartia ovata</i> (Cav.) Weatherby	Mountain Camellia	G4	S2		
<i>Stillingia sylvatica</i> Garden ex L. ssp. <i>sylvatica</i>	Queen's-delight	G5T5	S1		
<i>Stipulicida setacea</i> Michx. var. <i>setacea</i>	Pineland Scalypink	G4G5T4T5	S1		
<i>Streptopus amplexifolius</i> (L.) DC.	White Mandarin	G5	S1		
<i>Stylophorum diphyllum</i> (Michx.) Nutt.	Celandine Poppy	G5	S2		
<i>Sullivantia sullivantii</i> (Torr. & Gray) Britt.	Sullivantia	G4	S1		
<i>Symphoricarpos albus</i> (L.) Blake var. <i>albus</i> All native Virginia <i>S. albus</i> is var. <i>albus</i> , non-native material is <i>S. albus</i> var. <i>laevigatus</i> (Fern.) Blake	Common Snowberry	G5T5	S1		
<i>Symphyotrichum elliotii</i> (Torr. & Gray) Nesom syn: <i>Aster puniceus</i> L. var. <i>elliotii</i> (Torr. & Gray) A.G. Jones syn: <i>A. elliotii</i> Torr. & Gray	Elliott's Aster	G4	S1		
<i>Symphyotrichum praealtum</i> (Poir.) Nesom var. <i>angustior</i> (Wiegand) Nesom syn: <i>Aster praealtus</i> Poir. var. <i>angustior</i> Wieg.	Willow-leaf Aster	G5T4	S1		
<i>Symphyotrichum pratense</i> (Raf.) Nesom syn: <i>Aster pratensis</i> Raf. syn: <i>A. sericeus</i> Vent. var. <i>microphyllus</i> DC.	Western Silvery Aster	G4?	S1		

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<i>Symphotrichum shortii</i> (Lindl.) Nesom syn: <i>Aster shortii</i> Lindl.	Short's Aster	G5	S1		
<i>Symphotrichum schistosum</i> (Steele) Nesom syn: <i>Aster schistosus</i> Steele syn: <i>A. x schistosus</i> (Steele) Nesom in Kartesz (1999)	Millboro Aster	GNA	S1		
<i>Synandra hispidula</i> (Michx.) Baill.	Gyandotte Beauty	G4	S2		
<i>Taxodium ascendens</i> Brongn. Largest population contains trees transitional to <i>T. distichum</i>	Pondcypress	G5	S1		
<i>Tetragonotheca helianthoides</i> L.	Squarehead	G5	S1		
<i>Thalictrum macrostylum</i> Small & Heller	Small-leaved Meadow-rue	G3G4	S1		
<i>Tillandsia usneoides</i> (L.) L.	Spanish-moss	G5	S1S2		
<i>Toxicodendron rydbergii</i> (Small ex Rydb.) Greene	Western Poison Ivy	G5	S1		
<i>Triantha glutinosa</i> (Michx.) Pers. syn: <i>Tofieldia glutinosa</i> (Michx.) Pers.	Sticky False Asphodel	G5	S1		
<i>Triantha racemosa</i> (Walt.) B.S.P. syn: <i>Tofieldia racemosa</i> (Walt.) B.S.P.	Coastal False Asphodel	G5	SH		
<i>Trichostema setaceum</i> Houtt.	Narrow-leaf Blue Curls	G5	S2		
<i>Tridens chapmanii</i> (Small) Chase syn: <i>T. flavus</i> (L.) A.S. Hitchc. var. <i>chapmanii</i> (Small) Shinnars	Chapman's Purpletop	G3	S1		
<i>Trifolium calcaricum</i> Collins and Wieboldt	Running Glade Clover	G1	S1		LE
<i>Trifolium reflexum</i> L.	Buffalo Clover	G3G4	S1		
<i>Trillium cernuum</i> L.	Nodding Trillium	G5	S2		
<i>Trillium flexipes</i> Raf.	Drooping Trillium	G5	SH		
<i>Trillium nivale</i> Riddell	Snow Trillium	G4	S1		
<i>Trillium pusillum</i> Michx. var. <i>virginianum</i> Fern. Includes var. <i>moniticulum</i> Bodkin & Reveal	Virginia Least Trillium	G3T2	S2		
<i>Triphora trianthophora</i> (Sw.) Rydb. ssp. <i>trianthophora</i>	Three Birds Orchid	G3G4T3T4	S1		
<i>Trisetum spicatum</i> (L.) Richter	Narrow False Oats	G5	S1		
<i>Turritis glabra</i> L. syn: <i>Arabis glabra</i> (L.) Bernh.	Tower Mustard	G5	S1		
<i>Utricularia juncea</i> Vahl	Southern Bladderwort	G5	S1		
<i>Utricularia olivacea</i> C. Wright ex Griseb.	Dwarf Bladderwort	G4	SH		
<i>Utricularia purpurea</i> Walt.	Purple Bladderwort	G5	S2		
<i>Utricularia striata</i> Le Conte ex Torr. syn: <i>U. fibrosa</i> Walt.	Fibrous Bladderwort	G4G5	S1		
<i>Vaccinium crassifolium</i> Andr.	Creeping Blueberry	G4G5	S1		
<i>Vaccinium macrocarpon</i> Ait.	Cranberry	G5	S2		
<i>Vaccinium myrtilloides</i> Michx.	Velvetleaf Blueberry	G5	S1		
<i>Valeriana pauciflora</i> Michx.	Pink Valerian	G4	S1		

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<i>Valerianella chenopodiifolia</i> (Pursh) A.P. de Candolle	Goosefoot Corn-salad	G4		SH	
<i>Vandenboschia boschiana</i> (Sturm) Ebihara & K. Iwatsuki	Appalachian Filmy Fern	G4		S1	
syn: <i>Trichomanes boscianum</i> Sturm					
<i>Verbena scabra</i> Vahl	Rough Vervain	G5		S1	
<i>Veronica scutellata</i> L.	Marsh Speedwell	G5		S1	
<i>Viburnum lentago</i> L.	Nannyberry	G5		S1	
<i>Vicia americana</i> Muhl. ex Willd. var. <i>americana</i>	American Vetch	G5T5		S1	
<i>Viola</i> sp. 1	A Violet	GNR		S1	
Unnamed taxon of shale barrens and woodlands, similar in appearance to <i>Viola pedatifida</i> G. Don					
<i>Viola tripartita</i> Ell. var. <i>glaberrima</i> (DC.) R.M. Harper	Three-parted Violet	G5T3?		S1	
<i>Viola walteri</i> House var. <i>walteri</i>	Prostrate Blue Violet	G4G5TNR		S2	
<i>Vitis rupestris</i> Scheele	Sand Grape	G3		S1	
<i>Wisteria frutescens</i> (L.) Poir.	American Wisteria	G5		S1	
<i>Wolffia columbiana</i> Karst.	Columbian Watermeal	G5		S1	
<i>Xyris caroliniana</i> Walt.	Carolina Yellow-eyed Grass	G4G5		S1	
<i>Xyris curtissii</i> Malme	Curtiss' Yellow-eyed Grass	G5		S1	
syn: <i>X. difformis</i> Chapman var. <i>curtissii</i> (Malme) Kral					
<i>Xyris fimbriata</i> Ell.	Fringed Yellow-eyed Grass	G5		S1	
<i>Xyris iridifolia</i> Chapman	Iris-leaf Yellow-eyed Grass	G4G5		S1	
syn: <i>Xyris laxifolia</i> Mart. var. <i>iridifolia</i> (Chapman) Kral					
<i>Xyris platylepis</i> Chapman	Tall Yellow-eyed Grass	G5		S2	
<i>Yucca aloifolia</i> L.	Spanish Dagger	G5		S1	
<i>Yucca flaccida</i> Haworth	Weakleaf Yucca	G5		S1	
<i>Zenobia pulverulenta</i> (Bartr. ex Willd.) Pollard	Dusty Zenobia	G4?		S1	
<i>Zigadenus glaberrimus</i> Michx.	Large Death-camas	G5		S1	
<i>Zornia bracteata</i> J.F. Gmel.	Viperina	G5?		S1	

PART TWO:
VASCULAR PLANT WATCH LIST

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Acalypha deamii</i> (Weatherby) Ahles	Deam's Copperleaf	G4?	S3		
<i>Aconitum reclinatum</i> Gray	White Monkshood	G3	S3		
<i>Adlumia fungosa</i> (Ait.) Greene ex B.S.P.	Climbing Fumitory	G4	S3		
<i>Agrostis scabra</i> Willd.	Rough Bentgrass	G5	S3?		
<i>Amelanchier sanguinea</i> (Pursh) DC.	Roundleaf Serviceberry	G5	S3		
<i>Amsonia tabernaemontana</i> Walt. var. <i>tabernaemontana</i>	Eastern Blue-star	G5T5	S3		
<i>Andropogon perangustatus</i> Nash	Narrow-leaved Bluestem	G4	S3		
syn: <i>A. gyrans</i> Ashe var. <i>stenophyllus</i> (Hack.) C. Cambell					
<i>Andropogon virginicus</i> L. var. <i>decipiens</i> C. Campbell	Deceptive Bluestem	G5T4	S3		
Under <i>A. virginicus</i> L. in Radford <i>et al.</i> (1968)					
Under <i>A. virginicus</i> L. var. <i>virginicus</i> in Fernald (1950)					
<i>Anemone quinquefolia</i> L. var. <i>minima</i> (DC.) Frodin	Dwarf Anemone	G5T3	S3		
<i>Anticlea glauca</i> Kunth	White Death-camas	G4G5	S3		
syn: <i>Zigadenus elegans</i> Pursh ssp. <i>glaucus</i> (Nutt.) Hulten					
<i>Aristida lanosa</i> Muhl. ex Ell.	Woolly Three-awn Grass	G5	S3		
<i>Aristida tuberculosa</i> Nutt.	Sea-beach Needlegrass	G5	S3		
<i>Asclepias incarnata</i> L. var. <i>incarnata</i>	Swamp Milkweed	G5T5	S3		
<i>Asclepias lanceolata</i> Walt.	Few-flower Milkweed	G5	S3		
<i>Asimina parviflora</i> (Michx.) Dunal	Dwarf Pawpaw	G5	S3		
<i>Bacopa monnieri</i> (L.) Pennell	Coastal Water-hyssop	G5?	S3		
<i>Baptisia australis</i> (L.) R. Br. ex Ait. f. var. <i>australis</i>	Blue Wild Indigo	G5T3T4	S3		
<i>Bartonia paniculata</i> (Michx.) Muhl. ssp. <i>paniculata</i>	Twining Bartonia	G5T5	S3		
<i>Blephilia hirsuta</i> (Pursh) Benth.	Hairy Wood Mint	G5?	S3		
<i>Bolboschoenus novae-angliae</i> (Britt.) S.G. Sm.	New England Bulrush	G5	S3		
syn: <i>Schoenoplectus novae-angliae</i> (Britt.) M.T. Strong					
<i>Bulbostylis ciliatifolia</i> (Ell.) Fern.	Savanna Hairsedge	G3G5	S3?		
<i>Bulbostylis coarctata</i> (Ell.) Fern.	Elliott's Hairsedge	G3G5	S3		
syn: <i>Bulbostylis ciliatifolia</i> (Ell.) Fern. var. <i>coarctata</i> (Ell.) Kral					
<i>Callitriche palustris</i> L.	Vernal Water-starwort	G5	S3		
syn: <i>C. verna</i> L.					
<i>Cardamine douglassii</i> Britt.	Purple Cress	G5	S3		
<i>Carex austrodeflexa</i> P.D. McMillan, Sorrie, & van Eerden	Canebrake Sedge	G3G4	S3S4		
<i>Carex canescens</i> L. var. <i>disjuncta</i> (Fern.) Toivonen	Silvery Sedge	G5T5	S3		

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<i>Carex careyana</i> Torr. ex Dewey	Carey's Sedge	G4G5	S3		
<i>Carex collinsii</i> Nutt.	Collins's Sedge	G4	S3		
<i>Carex conjuncta</i> Boott	Soft Fox Sedge	G4G5	S3		
<i>Carex floridana</i> Schwein. syn: <i>Carex nigromarginata</i> Schwein. var. <i>floridana</i> (Schwein.) Kuenth.	Florida Sedge	G5?	S3		
<i>Carex fraseriana</i> Ker-Gawl. syn: <i>Cymophyllus fraserianus</i> (Ker-Gawl.) Kartesz & Ghandi	Fraser's Sedge	G4	S3		
<i>Carex leptoneura</i> (Fern.) Fern.	Finely-nerved Sedge	G5	S3		
<i>Carex lucorum</i> Willd. ex Link var. <i>australucorum</i> J. Rettig syn: <i>C. pensylvanica</i> Lam. var. <i>distans</i> Peck	Appalachian Woodland Sedge	G4T3T4	S3		
<i>Carex meadii</i> Dewey	Mead's Sedge	G4G5	S3		
<i>Carex pedunculata</i> Muhl. ex Willd. var. <i>pedunculata</i>	Long-stalk Sedge	G5TNR	S3		
<i>Carex pellita</i> Muhl. ex Willd.	Woolly Sedge	G5	S3S4		
<i>Carex purpurifera</i> Mackenzie	Limestone Purple Sedge	G4?	S3		
<i>Carex ruthii</i> Mackenzie	Ruth's Sedge	G3	S3		
<i>Carex shortiana</i> Dewey	Short's Sedge	G5	S3		
<i>Carex striata</i> Michx. var. <i>brevis</i> Bailey syn: <i>C. walteriana</i> Bailey var. <i>brevis</i> (Bailey) Bailey	Walter's Sedge	G4G5T4?	S3		
<i>Carex suberecta</i> (Olney) Britt.	Prairie Straw Sedge	G4	S3		
<i>Carex superata</i> Naczi, Reznicek, & B.A. Ford	Limestone Forest Sedge	G4?	S3		
<i>Carex tetanica</i> Schkuhr	Rigid Sedge	G4G5	S3		
<i>Carex trisperma</i> Dewey var. <i>trisperma</i>	Three-seeded Sedge	G5T5	S3		
<i>Carex venusta</i> Dewey	Dark Green Sedge	G4	S3?		
<i>Castilleja coccinea</i> (L.) Spreng.	Eastern Indian Paintbrush	G5	S3		
<i>Cenchrus incertus</i> M.A. Curtis syn: <i>C. spinifex</i> Cav.	Coastal Sandbur	G5	S3		
<i>Chaerophyllum procumbens</i> (L.) Crantz var. <i>shortii</i> Torr. & Gray	Short's Spreading Chervil	G5T3T4Q	S3?		
<i>Chamaecrista fasciculata</i> (Michx.) Greene var. <i>macrocarpa</i> (Fern.) C.F. Reed	Marsh Senna	G5T3	S3		
<i>Chamaecyparis thyoides</i> (L.) B.S.P.	Atlantic White-cedar	G4	S3		
<i>Chenopodium simplex</i> (Torr.) Raf. Under <i>C. hybridum</i> L. in Fernald (1950), syn: <i>C. gigantospermum</i> Aellen	Maple-leaf Goosefoot	G5	S3		
<i>Chrysogonum virginianum</i> L. var. <i>brevistolon</i> Nesom	Carolina Green-and-gold	G5TNR	S3		
<i>Cinna latifolia</i> (Trev. ex Goepp.) Griseb.	Slender Wood Reedgrass	G5	S3		

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<i>Clematis albicoma</i> Wherry	White-haired Leatherflower	G4	S3		
<i>Clematis coactilis</i> (Fern.) Keener	Virginia White-haired Leatherflower	G3	S3		
<i>Clematis crispa</i> L.	Marsh Swamp Leatherflower	G5	S3		
<i>Coleataenia longifolia</i> (Torrey) Soreng ssp. <i>combsii</i> (Scribn. & C.R. Ball) Soreng syn: <i>Panicum longifolium</i> Torrey var. <i>combsii</i> (Scribn. & Ball) Fern.	Combs' Panic Grass	G5T5?	S3?		
<i>Corallorrhiza wisteriana</i> Conrad	Spring Coralroot	G5	S3		
<i>Croton monanthogynus</i> Michx.	Prairie Tea	G5	S3		
<i>Cyperus haspan</i> L.	Sheathed Flatsedge	G5	S3		
<i>Cyperus refractus</i> Engelm. ex Boeckl.	Reflexed Flatsedge	G5	S3		
<i>Delphinium exaltatum</i> Ait.	Tall Larkspur	G3	S3		
<i>Dendrolycopodium dendroideum</i> (Michx.) A. Haines syn: <i>Lycopodium dendroideum</i> Michx.	Prickly Tree-clubmoss	G5	S3		
<i>Dendrolycopodium hickeyi</i> (W.H. Wagner, Beitel & Moran) A. Haines syn: <i>Lycopodium hickeyi</i> W.H. Wagner, Beitel, & Moran	Hickey's Tree-clubmoss	G5	S3?		
<i>Descurainia pinnata</i> (Walt.) Britt. var. <i>brachycarpa</i> (Richards.) Detling	Western Tansy Mustard	G5T5	S3?		
<i>Desmodium fernaldii</i> Schub.	Fernald's Tick-trefoil	G4	S3		
<i>Desmodium lineatum</i> DC.	Sand Tick-trefoil	G5	S3		
<i>Diarrhena americana</i> Beauv.	American Beakgrain	G4G5	S3		
<i>Dichanthelium annulum</i> (Ashe) LeBlond	Ringed Panic Grass	G3G4	S3		
<i>Dichanthelium fusiforme</i> (Hitchcock) Harvill Under <i>D. aciculare</i> (Desv. ex Poir.) Gould & C.A. Clark in Kartesz (1999)	Spindle-fruited Panic Grass	G5?	S3		
<i>Dichanthelium portoricense</i> (Desv. ex Ham.) B.F. Hansen & Wunderlin ssp. <i>patulum</i> (Scribn. & Merr.) Freckmann & LeLong syn: <i>Panicum lancearium</i> Trin.	Hemlock Panic Grass	G5T5	S3		
<i>Dichanthelium ravenelii</i> (Scribn. & Merr.) Gould syn: <i>Panicum ravenelii</i> Scribn. & Merr.	Ravenel's Panic Grass	G5	S3		
<i>Dichanthelium scabriusculum</i> (Ell.) Gould & C.A. Clark syn: <i>Panicum scabriusculum</i> Ell.	Tall Swamp Panic Grass	G4	S3		
<i>Dichanthelium wrightianum</i> (Scribn.) Freckmann syn: <i>Panicum wrightianum</i> Scribn.	Wright's Panic Grass	G4	S3		
<i>Dicliptera brachiata</i> (Pursh) Spreng.	Branched Dicliptera	G5	S3		
<i>Diphylleia cymosa</i> Michx.	Umbrella-leaf	G4	S3		

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<i>Drosera brevifolia</i> Pursh syn: <i>D. leucantha</i> Shinnery	Dwarf Sundew	G5	S3		
<i>Drosera capillaris</i> Poir.	Pink Sundew	G5	S3		
<i>Drosera intermedia</i> Hayne	Water Sundew	G5	S3		
<i>Dryopteris campyloptera</i> Clarkson syn: <i>D. spinulosa</i> (O.F. Muell.) Watt var. <i>americana</i> (Fisch.) Fern.	Mountain Wood Fern	G5	S3		
<i>Echinodorus cordifolius</i> (L.) Griseb.	Creeping Burhead	G5	S3		
<i>Eleocharis albida</i> Torr.	White Spikerush	G4G5	S3		
<i>Eleocharis palustris</i> (L.) Roemer & J.A. Schultes	Common Spikerush	G5	S3?		
<i>Eleocharis rostellata</i> (Torr.) Torr.	Beaked Spikerush	G5	S3		
<i>Eriogenia bulbosa</i> (Michx.) Nutt.	Harbinger-of-spring	G5	S3		
<i>Eriophorum virginicum</i> L.	Tawny Cottongrass	G5	S3		
<i>Eurybia spectabilis</i> (Ait.) Nesom syn: <i>Aster spectabilis</i> Ait. var. <i>spectabilis</i> and var. <i>suffultus</i> Fern. Under <i>A. spectabilis</i> Ait. in Radford <i>et al.</i> (1968)	Showy Aster	G5	S3		
<i>Fallopia cilioides</i> (Michx.) Holub syn: <i>Polygonum cilinode</i> Michx.	Fringed Bindweed	G5	S3		
<i>Floerkea proserpinacoides</i> Willd.	False Mermaid	G5	S3		
<i>Fraxinus nigra</i> Marsh.	Black Ash	G5	S3		
<i>Fraxinus quadrangulata</i> Michx.	Blue Ash	G5	S3		
<i>Galium boreale</i> L.	Northern Bedstraw	G5	S3		
<i>Galium hispidulum</i> Michx.	Coastal Bedstraw	G5	S3		
<i>Gentiana austromontana</i> Pringle & Sharp	Appalachian Gentian	G3	S3?		
<i>Geranium robertianum</i> L.	Herb Robert	G5	S3		
<i>Glyceria acutiflora</i> Torr.	Sharp-scaled Mannagrass	G5	S3		
<i>Glyceria canadensis</i> (Michx.) Trin.	Canada Mannagrass	G5	S3		
<i>Gymnocarpium appalachianum</i> Pryer & Haufler	Appalachian Oak Fern	G3	S3		
<i>Gymnocladus dioica</i> (L.) K. Koch	Kentucky Coffee-tree	G5	S3		
<i>Gymnopogon brevifolius</i> Trin.	Short-leaf Beard Grass	G5	S3		
<i>Helianthus hirsutus</i> Raf.	Hairy Sunflower	G5	S3		
<i>Heuchera hispida</i> Pursh	Purple Alumroot	G3?	S3?		
<i>Heuchera parviflora</i> Bartl.	Small-flowered Alumroot	G4	S3		
<i>Hexalectris spicata</i> (Walt.) Barnh. var. <i>spicata</i>	Crested Coralroot	G5T4T5	S3		
<i>Hexastylis lewisii</i> (Fern.) Blomquist & Oosting	Lewis's Heartleaf	G3	S3		
<i>Hottonia inflata</i> Ell.	Featherfoil	G4	S3		
<i>Hydrastis canadensis</i> L.	Golden-seal	G3G4	S3		
<i>Hydrolea quadrivalvis</i> Walt.	Waterpod	G5	S3		
<i>Hypericum drummondii</i> (Grev. & Hook.) Torr. & Gray	Nits-and-lice	G5	S3		

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<i>Hypericum mitchellianum</i> Rydb.	Blue Ridge St. John's-wort	G3	S3		
<i>Hypericum virgatum</i> Lam. syn: <i>H. denticulatum</i> Walt. var. <i>acutifolium</i> (Ell.) Blake	Sharp-leaf St. John's-wort	G4?	S3		
<i>Hypoxis curtissii</i> Rose in Small	Curtiss' Yellow Stargrass	G4?	S3		
<i>Ilex vomitoria</i> Ait.	Yaupon	G5	S3		
<i>Iresine rhizomatosa</i> Standl.	Eastern Bloodleaf	G5	S3		
<i>Iris prismatica</i> Pursh ex Ker-Gwal.	Slender Blue Iris	G4G5	S3		
<i>Iris versicolor</i> L.	Larger Blue Flag	G5	S3		
<i>Isoetes riparia</i> Engelm. ex A. Braun	Shore Quillwort	G5	S3		
<i>Juglans cinerea</i> L.	Butternut	G4	S3?		
<i>Juncus longii</i> Fern.	Long's Rush	G3Q	S3?		
<i>Justicia ovata</i> (Walt.) Lindau var. <i>ovata</i>	Coastal Plain Water-willow	G5T4T5	S3		
<i>Lechea maritima</i> Leggett ex B.S.P. var. <i>virginica</i> Hodgson	Virginia Beach Pinweed	G5T3Q	S3		
<i>Leptochloa fascicularis</i> (Lam.) Gray syn: <i>L. fusca</i> (L.) Kunth ssp. <i>fascicularis</i> (Lam.) N. Snow	Bearded Sprangletop	G5	S3		
<i>Leucospora multifida</i> (Michx.) Nutt.	Narrow-leaf Paleseed	G5	S3		
<i>Liatris helleri</i> T.C. Porter	Heller's Blazing Star	GNR	S3		
<i>Lilium philadelphicum</i> L.	Wood Lily	G5	S3		
<i>Linum sulcatum</i> Riddell	Grooved Yellow Flax	G5	S3		
<i>Listera smallii</i> Wieg.	Appalachian Twayblade	G4	S3		
<i>Lithospermum latifolium</i> Michx.	American Gromwell	G4	S3		
<i>Lithospermum tuberosum</i> Rugel ex DC.	Tuberous Gromwell	G4	S3		
<i>Lonicera canadensis</i> Bartr. ex Marsh.	American Fly-honeysuckle	G5	S3		
<i>Ludwigia glandulosa</i> Walt.	Cylindric-fruited Primrose-willow	G5	S3		
<i>Ludwigia leptocarpa</i> (Nutt.) Hara	Angle-stem Primrose-willow	G5	S3		
<i>Ludwigia sphaerocarpa</i> Ell.	Globe-fruited Seedbox	G5	S3		
<i>Lygodium palmatum</i> (Bernh.) Sw.	American Climbing Fern	G4	S3		
<i>Malaxis spicata</i> Sw. syn: <i>M. floridana</i> (Chapman) Kuntze	Florida Adder's-mouth	G4?	S3		
<i>Meehania cordata</i> (Nutt.) Britt.	Meehan's Mint	G5	S3		
<i>Micranthes caroliniana</i> (A. Gray) Small syn: <i>Saxifraga caroliniana</i> Gray	Carolina Saxifrage	G3	S3		

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<i>Milium effusum</i> L. var. <i>cisatlanticum</i> Fern.	Tall Millet Grass	G5TNR	S3		
<i>Minuartia patula</i> (Michx.) Mattf.	Pitcher's Stitchwort	G4	S3		
<i>Monotropsis odorata</i> Schwein. ex Ell.	Sweet Pinesap	G3	S3		
<i>Myriophyllum pinnatum</i> (Walt.) B.S.P.	Cut-leaf Water-milfoil	G5	S3		
<i>Nabalus roanensis</i> Chickering	Roan Mountain Rattlesnake-root	G3	S3		
syn: <i>Prenanthes roanensis</i> (Chickering) Chickering					
<i>Nelumbo lutea</i> Willd.	American Lotus	G4	S3		
<i>Ophioglossum engelmannii</i> Prantl	Engelmann's Adder's-tongue	G5	S3		
<i>Packera paupercula</i> (Michx) Á. & D. Löve var. <i>paupercula</i>	Balsam Ragwort	G5TNR	S3?		
syn: <i>Senecio pauperculus</i> Michx.					
<i>Panax quinquefolius</i> L.	Ginseng	G3G4	S3S4		LT
<i>Paronychia baldwinii</i> (Torr. & Gray) Fenzl ex Walp.ssp. <i>riparia</i> (Chapman) Chaudhri	Baldwin's Nailwort	G4T4?	S3		
<i>Parthenium integrifolium</i> L. var. <i>mabryanum</i> Mears	Mabry's Wild Quinine	G5T3	S3?		
<i>Paspalum boscianum</i> Fluegge	Bull Paspalum	G5	S3		
<i>Pedicularis lanceolata</i> Michx.	Swamp Lousewort	G5	S3		
<i>Pellaea glabella</i> Mett. ex Kuhn ssp. <i>glabella</i>	Smooth Cliff-brake	G5T5	S3		
<i>Penstemon hirsutus</i> (L.) Willd.	Hairy Beard-tongue	G4	S3		
<i>Phacelia purshii</i> Buckl.	Miami-mist	G5	S3		
<i>Philadelphus hirsutus</i> Nutt.	Hairy Mock Orange	G5	S3		
<i>Phlox nivalis</i> Lodd. ex Sweet	Trailing Phlox	G4	S3		
<i>Phragmites australis</i> (Cav.) Trin. ex Steud. ssp. <i>americanus</i> Saltonstall, P.M. Peterson, & Soreng	American Common Reed	G5T5	S3		
<i>Physalis walteri</i> Nutt.	Dune Ground-cherry	G4	S3		
syn: <i>P. maritima</i> M.A. Curtiss					
syn: <i>P. viscosa</i> L. ssp. <i>maritima</i> (M.A. Curtiss) Waterfall					
<i>Physostegia leptophylla</i> Small	Slender-leaf False Dragonhead	G4?	S3		
<i>Platanthera flava</i> (L.) Lindl. var. <i>flava</i>	Southern Rein Orchid	G4?T4?Q	S3?		
<i>Platanthera flava</i> (L.) Lindl. var. <i>herbiola</i> (R. Br. ex Ait. f.) Luer	Tubercled Rein Orchid	G4?T4Q	S3?		
<i>Pogonia ophioglossoides</i> (L.) Ker-Gawl.	Rose Pogonia	G5	S3		
<i>Polygala cruciata</i> L.	Cross-leaved Milkwort	G5	S3?		
<i>Polygonella articulata</i> (L.) Meisn.	Coastal Jointweed	G5	S3		
<i>Polygonum ramosissimum</i> Michx.	Bushy Knotweed	G5	S3		
<i>Ponthieva racemosa</i> (Walt.) C. Mohr	Shadow Witch Orchid	G4G5	S3		

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<i>Potamogeton perfoliatus</i> L. Treated as <i>P. perfoliatus</i> L. var. <i>bupleuroides</i> (Fern.) Farw. in Radford et al. (1968), and Fernald (1950)	Perfoliate Pondweed	G5	S3		
<i>Prosartes maculata</i> (Buckl.) Gray syn: <i>Disporum maculatum</i> (Buckl.) Britt.	Spotted Mandarin	G3G4	S3		
<i>Prunus alleghaniensis</i> Porter var. <i>alleghaniensis</i>	Allegheny Plum	G4T4	S3		
<i>Quercus laevis</i> Walt.	Turkey Oak	G5	S3		
<i>Quercus margarettiae</i> Ashe ex Small syn: <i>Q. stellata</i> Wangenh. var. <i>margaretta</i> (Ashe ex Small) Sarg.	Sand Post Oak	G5	S3		
<i>Quercus virginiana</i> P. Mill.	Live Oak	G5	S3		
<i>Rhamnus lanceolata</i> Pursh var. <i>lanceolata</i>	Lance-leaf Buckthorn	G5T4T5	S3		
<i>Rhododendron cumberlandense</i> E.L. Braun	Cumberland Azalea	G4?	S3		
<i>Rhynchospora caduca</i> Ell.	Angle-stem Beaksedge	G5	S3		
<i>Rhynchospora cephalantha</i> Gray var. <i>cephalantha</i>	Common Bunched Beaksedge	G5T4T5	S3		
<i>Rhynchospora macrostachya</i> Torr. ex Gray	Horned Beaksedge	G4	S3		
<i>Rhynchospora perplexa</i> Britt.	Pineland Beaksedge	G5	S3		
<i>Rhynchospora rariflora</i> (Michx.) Ell.	Few-flowered Beaksedge	G5	S3		
<i>Ribes glandulosum</i> Grauer	Skunk Currant	G5	S3		
<i>Ruellia humilis</i> Nutt.	Low Wild-petunia	G5	S3		
<i>Ruellia purshiana</i> Fern.	Pursh's Wild-petunia	G3	S3		
<i>Sabatia brachiata</i> Ell.	Narrow-leaf Rose-pink	G5?	S3		
<i>Sabatia calycina</i> (Lam.) Heller	Long-lobed Arrowhead	G5?	S3		
<i>Sabatia dodecandra</i> (L.) B.S.P.	Large Marsh-pink	G5?	S3		
<i>Scirpus divaricatus</i> Ell.	Spreading Bulrush	G5	S3		
<i>Scirpus hattorianus</i> Makino	Northern Bulrush	G5	S3		
<i>Scirpus lineatus</i> Michx. syn: <i>S. fontinalis</i> Harper	Drooping Bulrush	G4	S3		
<i>Scutellaria saxatilis</i> Riddell	Rock Skullcap	G3	S3		
<i>Sesuvium maritimum</i> (Walt.) B.S.P.	Small Sea-purslane	G5	S3		
<i>Sideroxylon lycioides</i> L. syn: <i>Bumelia lycioides</i> (L.) Pers.	Buckthorn Bumelia	G5	S3		
<i>Sisyrinchium fuscatum</i> Bickn. syn: <i>S. arenicola</i> Bickn.	Coastal Plain Blue-eyed-grass	G5?	S3		
<i>Solidago faucibus</i> Wieboldt	Gorge Goldenrod	G2G4	S3		
<i>Solidago flaccidifolia</i> Small syn: <i>S. curtisii</i> Torr. & Gray var. <i>flaccidifolia</i> (Small) Cook & Semple	Mountain Goldenrod	G5	S3?		
<i>Solidago hispida</i> Muhl. ex Willd.	Hairy Goldenrod	G5	S3		

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<i>Solidago tarda</i> Mackenzie Under <i>S. arguta</i> in Radford et al. (1968) Under <i>S. arguta</i> var. <i>arguta</i> in Kartesz (1999) syn: <i>S. ludoviciana</i> (Gray) Small	Sandhill Goldenrod	G4?Q	S3?		
<i>Sparganium eurycarpum</i> Engelm. ex Gray	Giant Bur-reed	G5	S3		
<i>Spinulum annotinum</i> (L.) A. Haines syn: <i>Lycopodium annotinum</i> L.	Stiff Clubmoss	G5	S3?		
<i>Spiranthes ochroleuca</i> (Rydb.) Rydb.	Yellow Nodding Ladies'-tresses	G4	S3		
<i>Spiranthes odorata</i> (Nutt.) Lindl. syn: <i>S. cernua</i> (L.) L.C. Rich var. <i>odorata</i> (Nutt.) Correll	Fragrant Ladies'-tresses	G5	S3		
<i>Stachys hyssopifolia</i> Michx.	Hyssop-leaf Hedge-nettle	G4G5	S3		
<i>Stachys latidens</i> Small ex Britt.	Broad-tooth Hedge-nettle	G4G5	S3		
<i>Stellaria corei</i> Shinnery syn: <i>Stellaria pubera</i> Michx. var. <i>sylvatica</i> (Beguinot) Weath.	Tennessee Starwort	G4	S3		
<i>Stewartia malacodendron</i> L.	Silky Camellia	G4	S3		
<i>Styrax americanus</i> Lam. var. <i>americanus</i>	American Snowbell	G5TNR	S3		
<i>Styrax grandifolius</i> Ait.	Bigleaf Snowbell	G5	S3		
<i>Suaeda linearis</i> (Ell.) Moq.	Tall Sea-blite	G5	S3		
<i>Symphyotrichum ericoides</i> (L.) Nesom var. <i>ericoides</i> syn: <i>Aster ericoides</i> L.	White Heath Aster	G5T5	S3		
<i>Symphyotrichum urophyllum</i> (Lindl.) G.L. Nesom	Arrow-leaved Aster	G4G5	S3		
<i>Taenidia montana</i> (Mackenzie) Cronq.	Mountain Pimpernel	G3	S3		
<i>Taxus canadensis</i> Marshall	Canada Yew	G5	S3		
<i>Thermopsis mollis</i> (Michx.) M.A. Curtis ex Gray	Appalachian Golden-banner	G3G4	S3		
<i>Tradescantia subaspera</i> Ker-Gawl.	Zigzag Spiderwort	G5	S3		
<i>Tragia urticifolia</i> Michx.	Nettle-leaf Noseburn	G5	S3		
<i>Trifolium virginicum</i> Small ex Small & Vail	Kates Mountain Clover	G3	S3		
<i>Triglochin striata</i> Ruiz & Pavon	Southern Arrowgrass	G5	S3		
<i>Triosteum aurantiacum</i> Bickn. var. <i>aurantiacum</i>	Orange-fruited Horse-gentian	G5T5	S3		
<i>Tsuga caroliniana</i> Engelmann	Carolina Hemlock	G3	S3		
<i>Typha domingensis</i> Pers.	Southern Cattail	G4G5	S3?		
<i>Uniola paniculata</i> L.	Sea Oats	G5	S3		
<i>Utricularia geminiscapa</i> Benj.	Two-flowered Bladderwort	G4G5	S3		
<i>Utricularia macrorhiza</i> Le Conte syn: <i>U. vulgaris</i> L.	Common Bladderwort	G5	S3		

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<i>Utricularia radiata</i> Small syn: <i>U. inflata</i> Walt. var. <i>minor</i> Chapman	Floating Bladderwort	G4	S3		
<i>Verbesina virginica</i> L. var. <i>virginica</i> All Virginia <i>V. virginica</i> is var. <i>virginica</i>	White Crownbeard	G5?T5?	S3		
<i>Viola brittoniana</i> Pollard	Coast Violet	G4G5	S3?		
<i>Viola esculenta</i> Ell. syn: <i>Viola ×esculenta</i> Ell. (pro sp.) Under <i>V. septemloba</i> Le Conte in Radford et al. (1968)	Salad Violet	G4G5	S3		
<i>Viola macloskeyi</i> F. Lloyd var. <i>pallens</i> (Banks ex A.P. de Candolle) C.L. Hitchcock	Smooth White Violet	G5T5	S3		
<i>Viola septentrionalis</i> Greene	Northern Blue Violet	G5	S3		
<i>Wolffiella gladiata</i> (Hegelm.) Hegelm. syn: <i>W. floridana</i> (J.D. Sm.) J.D. Sm. ex Hegelm.	Sword Bogmat	G5	S3		
<i>Zanthoxylum americanum</i> P. Mill.	Toothache Tree	G5	S3		
<i>Zanthoxylum clava-herculis</i> L.	Hercules'-club	G4	S3		

PART THREE:

VASCULAR PLANT REVIEW LIST
(Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Agalinis fasciculata</i> (Ell.) Raf. syn: <i>Gerardia fasciculata</i> (Ell.) Raf.	Tall False Foxglove	G5	SU		
<i>Agrostis altissima</i> (Walt.) Tuckerman	Coastal Bog Bentgrass	G4	SNR		
<i>Allium burdickii</i> (Hanes) A.G. Jones	Narrow-leaved ramps	G4G5	SU		
<i>Alopecurus aequalis</i> Sobol. var. <i>aequalis</i>	Short-awn Foxtail Grass	G5T5	SNA		
<i>Ampelopsis cordata</i> Michx.	Heart-leaf Peppervine	G5	SNR		
<i>Andropogon glaucopsis</i> Ell. syn: <i>A. virginicus</i> L. var. <i>glaucopsis</i> (Ell.) A.S. Hitchc. syn: <i>A. glomeratus</i> (Walt.) Britt. var. <i>glaucopsis</i> (Ell.) A.S. Hitchc., Under <i>A. virginicus</i> L. in Radford <i>et al.</i> (1968)	Chalky Bluestem	G3G5	SNR		
<i>Andropogon tenuispatheus</i> (Nash) Nash syn: <i>A. glomeratus</i> (Walt.) Britt. var. <i>pumilus</i> Vasey ex Dewey	Maritime Bushy Bluestem	G5	SU		
<i>Antennaria howellii</i> Greene ssp. <i>petaloidea</i> (Fern.) Bayer syn: <i>A. petaloidea</i> (Fern.) Fern.	Small Pussytoes	G5T4T5	SU		
<i>Arisaema triphyllum</i> (L.) Schott ssp. <i>stewardsonii</i> (Britt.) Huttleston syn: <i>A. stewardsonii</i> Britt.	Bog Jack-in-the-pulpit	G5T4T5	SU		
<i>Asarum canadense</i> L. var. <i>acuminatum</i> Ashe	Wild ginger	G5TNR	SU		
<i>Asplenium trichomanes</i> L. ssp. <i>quadrivalens</i> D.E. Meyer emend. Lovis	Limestone maidenhair	G5TNR	SU		
<i>Boechera burkii</i> (Porter) Windham & Al-Shehbaz	Burk's Smooth Rock Cress	G3G5	SU		
<i>Calystegia silvatica</i> (Kit.) Griseb. ssp. <i>fraterniflora</i> (Mackenzie & Bush) Brummitt syn: <i>Convolvulus sepium</i> L. var. <i>fraterniflorus</i> Mackenzie & Bush	Large Bindweed	G5T5	SU		
<i>Carex cherokeeensis</i> Schweinitz	Cherokee Sedge	G4G5	SNA		
<i>Carex molesta</i> Mackenzie ex Bright	Troublesome Sedge	G4	SNR		
<i>Carex muehlenbergii</i> Schkuhr ex Willd. var. <i>enervis</i> Boott	Small-fruited Muehlenberg's Sedge	G5T5	SNR		
<i>Carex tribuloides</i> Wahlenberg var. <i>sangamonensis</i> Clokey	Midwestern Blunt Broom Sedge	G5T4T5	SNR		
<i>Coleataenia anceps</i> (Michx.) Soreng ssp. <i>rhizomata</i> (A.S. Hitchc. & Chase) Soreng syn: <i>Panicum anceps</i> Michx. var. <i>rhizomatum</i> (A.S. Hitchc. & Chase) Fern.	Small Beaked Panic Grass	G5TNR	SU		

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<i>Crataegus disperma</i> Ashe	Two-seed Hawthorn	G4G5	SU		
<i>Crataegus iracunda</i> Beadle Included in <i>C. flabellata</i> (Bosc.) K. Koch. in Radford <i>et al.</i> (1968)	Forest Hawthorn	G5	SU		
<i>Crataegus vailiae</i> Britt.	Vail's Hawthorn	G4?Q	SU		
<i>Crepidomanes intricatum</i> (Farrar) Ebihara & Weakley syn: <i>Trichomanes intricatum</i> Farrar	Grotto-felt	G4G5	SU		
<i>Cypripedium parviflorum</i> Salisb. var. <i>parviflorum</i>	Small Yellow Lady's-slipper	G5T3T5	SNR		
<i>Desmodium paniculatum</i> (L.) DC. var. <i>epetiolatum</i> Schub.	Narrow-leaf Tick-trefoil	G5T1Q	SNR		
<i>Diarrhena obovata</i> (Gleason) Brandenburg syn: <i>D. americana</i> Beauv. var. <i>obovata</i> Gleason	Western Beakgrain	G4G5	SNA		
<i>Dichanthelium spretum</i> (J.A. Schultes) Freckmann syn: <i>Panicum spretum</i> J.A. Schultes	Eaton's Panic Grass	G5	SNR		
<i>Digitaria villosa</i> (Walt.) Pers. syn: <i>D. filiformis</i> (L.) Koeler var. <i>villosa</i> (Walt.) Fern.	Shaggy Crabgrass	G5	SU		
<i>Eragrostis pectinacea</i> (Michx.) Nees ex Steud. var. <i>pectinacea</i>	Tufted Lovegrass	G5T5	SNR		
<i>Eupatorium cordigerum</i> (Fern.) Fern. syn: <i>Eupatorium rotundifolium</i> L. var. <i>cordigerum</i> Fern.	Clasping Round-leaf Thoroughwort	GNR	SU		
<i>Eupatorium vaseyi</i> Porter syn: <i>Eupatorium sessilifolium</i> L. var. <i>vaseyi</i> (Porter) Fern. & Grisc. syn: <i>E. album</i> L. var. <i>monardifolia</i> Fern.	Vasey's Thoroughwort	G3G5	SU		
<i>Euphorbia pubentissima</i> Michx.	False Flowering Spurge	G5	SU		
<i>Euphorbia spathulata</i> Lam. Included with <i>E. obtusata</i> Pursh in Harvill <i>et al.</i> (1992).	Woodland Spurge	G5	SU		
<i>Euthamia hirtipes</i> (Fern.) Sieren syn: <i>E. graminifolia</i> (L.) Nutt. var. <i>hirtipes</i> (Fern.) C.&J. Taylor	Marsh Flat-top Goldenrod	GNR	SNR		
<i>Galium orizabense</i> Hemsl. ssp. <i>laevicaule</i> (Weatherby & Blake) Dempster syn: <i>G. pilosum</i> Ait. var. <i>laevicaule</i> Weatherby & Blake	Bald Bedstraw	G5?T4?	SU		

Vascular Plant Review List

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<i>Glandularia canadensis</i> (L.) Nutt. syn: <i>Verbena canadensis</i> (L.) Britt.	Rose Vervain	G5	SNA		
<i>Gratiola virginiana</i> L. var. <i>aestuariorum</i> Pennell	Roundfruit hedge-hyssop	G5T2T4	SU		
<i>Isolepis carinata</i> Hooker & Arnott ex Torr. syn: <i>Isolepis koilolepis</i> Steud. syn: <i>Scirpus koilolepis</i> (Steud.) Gleason	Keeled Bulrush	G5	SNA		
<i>Juncus validus</i> Coville var. <i>validus</i> syn: <i>J. crassifolius</i> Buch.	Round-headed Rush	G5T3T5	SNA		
<i>Lathyrus pusillus</i> Ell.	Tiny Pea	G5?	SNA		
<i>Lemna minuta</i> Kunth	Pale duckweed	G4	SU		
<i>Leptochloa panicea</i> (Retz) Ohwi ssp. <i>brachiata</i> (Steudel) N. Snow	Red Sprangletop	GNRTN R	SNA		
<i>Leptochloa panicoides</i> (J. Presl) A.S. Hitchc. syn: <i>Diplachne panicoides</i> (J. Presl) McNeill	Amazon Sprangletop	G5	SNA		
<i>Liatris squarrulosa</i> Michx. Under <i>L. aspera</i> Michx. in Harvill et al. (1992) syn: <i>L. earlei</i> (Greene) K. Schum.	Appalachian Blazing Star	G4G5	SU		
<i>Ludwigia polycarpa</i> Short & Peter	A seedbox	G4	SU		
<i>Lycopus angustifolius</i> Ell. Under <i>M. unifolia</i> Michx. in Radford et al. (1968)	Narrow-leaf Bugleweed	G4?Q	SU		
<i>Melampyrum lineare</i> Desr. var. <i>pectinatum</i> (Pennell) Fern.	Pine Barren Cow-wheat	G5T5	SU		
<i>Orobanche riparia</i> L.T. Collins	River Broomrape	G4?	SU		
<i>Panicum gattingeri</i> Nash	Gattinger's Panic Grass	G4	SNR		
<i>Physalis angulata</i> L. var. <i>angulata</i>	Cut-leaf Ground-cherry	G5TNR	SNA		
<i>Planodes virginicum</i> (L.) E.L. Greene syn: <i>Sibara virginica</i> (L.) Rollins	Virginia Winged Rock Cress	G5	SNR		
<i>Pycnanthemum beadlei</i> (Small) Fern.	Beadle's Mountain-mint	G2G4	SU		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Pycnanthemum loomisii</i> Nutt.	Loomis' Mountain-mint	G4?	SU		
Under <i>P. incanum</i> (L.) Michx. in Radford et al. (1968)					
syn: <i>Pycnanthemum incanum</i> (L.) Michx. var. <i>loomisii</i> (Nutt.) Fern.					
<i>Rosa blanda</i> Aiton	Smooth Rose	G5	SU		
<i>Rudbeckia laciniata</i> L. var. <i>humilis</i> Gray	Southeastern Cutleaf Coneflower	G5T3?	SU		
Under <i>R. laciniata</i> L. in Radford et al. (1968)					
<i>Sagittaria platyphylla</i> (Engelm.) J.G. Sm.	Delta Arrowhead	G5	SU		
<i>Salix lucida</i> Muhl.	Shining Willow	G5	SNA		
<i>Silphium asteriscus</i> L. var. <i>asteriscus</i>	Starry Rosin Weed	G5TNR	SNR		
<i>Silphium asteriscus</i> L. var. <i>latifolium</i> (Gray) Clevinger	Broad-leaved Rosin Weed	G4?T4?	SNR		
<i>Sisyrinchium capillare</i> Bickn.	Wiry Blue-eyed-grass	GNR	SU		
Under <i>S. albidum</i> Raf. in Radford et al. (1968)					
<i>Solidago canadensis</i> L. var. <i>canadensis</i>	Canada Goldenrod	G5T5	SNR		
<i>Spiranthes lacera</i> (Raf.) Raf. var. <i>lacera</i>	A ladies'-tresses	G5T5	SU		
<i>Symphyotrichum ontarionis</i> (Wiegand) Nesom var. <i>ontarionis</i>	Bottomland Aster	G5TNR	SNR		
<i>Symphyotrichum x schistosum</i> (Steele) Nesom	Millboro aster	GNA	SNA		
syn: <i>Aster schistosus</i> Steele					
syn: <i>A. x schistosus</i> (Steele) Nesom in Kartesz (1999)					
<i>Tridens strictus</i> (Nutt.) Nash	Long-spike Tridens	G5	SNA		
syn: <i>Triodia stricta</i> (Nutt.) Benth. ex Vasey					
<i>Trillium luteum</i> (Muhl.) Harbison	Yellow Trillium	G4	SE?		
<i>Viola incognita</i> Brainerd	Large-leaved White Violet	G4G5T4 T5	SNR		
syn.: <i>Viola blanda</i> Willd. var. <i>palustriformis</i> Gray					
<i>Vittaria appalachiana</i> Farrar & Mickel	Appalachian Shoestring Fern	G4	SU		

PART FOUR:

RARE LICHEN AND BRYOPHYTE LISTS

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
LICHENS					
<i>Alectoria fallacina</i> Motyka	Witch's-hair lichen	G2	SH		
<i>Arctoparmelia centrifuga</i> (L.) Hale	Concentric ring lichen	G5	S1		
<i>Buellia stellulata</i> (Taylor) Mudd	Button lichen	GNR	S1		
<i>Calvitmela talayana</i> (Haugen & Timdal) Andreev	A lichen	GNR	S1		
<i>Cetradonia linearis</i> (Evans) J.-C. Wei & Ahti syn: <i>Gymnoderma lineare</i> (A.Evans) Yoshim. & Sharp	Rock-gnome lichen	G3	S1	LE	
<i>Cetrelia monachorum</i> (Zahlbr.) Culb. & C. Culb.	Sea-storm lichen	G2G4	SH		
<i>Cladonia coccifera</i> (L.) Willd.	A Cladonia	G5	S1?		
<i>Heterodermia appalachensis</i> (Kurok.) Culb.	Appalachian fringe lichen	G2?	S1		
<i>Heterodermia erecta</i> Lendemer	A fringe lichen	G1?	S1		
<i>Hypogymnia krogiae</i> Ohlsson	Freckled tube lichen	G3G4	S1		
<i>Hypotrachyna lividescens</i> (Kurok.) Hale	A loop lichen	GNR	S1		
<i>Hypotrachyna oostingii</i> (J.P. Dey) Hale	Oosting's loop lichen	G2?	SH		
<i>Hypotrachyna prolongata</i> (Kurok.) Hale	A loop lichen	G3G4	SH		
<i>Hypotrachyna virginica</i> (Hale) Hale syn: <i>Parmelia virginica</i> Hale	A loop lichen	G1G2	SH		
<i>Melanelia culbersonii</i> (Hale) Thell	Appalachian camouflage lichen	G2G4	S2		
<i>Parmelia omphalodes</i> (L.) Ach.	Smoky crottle	G5	S2?		
<i>Parmotrema louisianae</i> (Hale) Hale	A ruffle lichen	G3G5	S1		
<i>Peltigera hydrothyria</i> Miadikowski & Lutzona syn: <i>Hydrothyria venosa</i> J.L. Russell	Waterfan	G4	S1		
<i>Porpidia lowiana</i> Gowan	A boulder lichen	G2G3	S1		
<i>Porpidia tuberculosa</i> (Sm.) Hertel & Knoph	A boulder lichen	G2G4	S1		
<i>Psilolechea clavulifera</i> (Nyl.) Coppins	A lichen	GNR	S1		
<i>Punctelia graminicola</i> (B. de Lesd.) Egan	Speckled shield lichen	GNR	S1		
<i>Stereocaulon glaucescens</i> Tuck.	Bony foam lichen	G3	S2?		
<i>Teloschistes flavicans</i> (Sw.) Norman	Powdered orange bush lichen	G4G5	SH		
<i>Usnea angulata</i> Ach.	A beard lichen	G3G5	S1		

LIVERWORTS

<i>Anastrophyllum minutum</i> (Schreb.) R.M. Schust.	Comb Notchwort	G5	S1		
<i>Aneura sharpii</i> Inoue & N.G. Mill.	A liverwort	G1G2	S1		
<i>Barbilophozia attenuata</i> (Nees) Loeske	A liverwort	G5	S1		
<i>Bazzania nudicaulis</i> A. Evans	A liverwort	G2G3	S1		
<i>Bazzania tricrenata</i> (Wahlenb.) Trevis.	Three-toothed Whip Liverwort	G4	S1		
<i>Cephaloziella spinicaulis</i> Douin	A liverwort	G3G4	S1		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
LIVERWORTS, continued					
<i>Diplophyllum andrewsii</i> A. Evans	A moss	G3	SH		
<i>Diplophyllum taxifolium</i> (Wahlenb.) Dumort.	Yew-leaved Earwort	G5	SH		
<i>Drepanolejeunea appalachiana</i> R. M. Schuster	Appalachian threadwort	G2?	S1		
<i>Frullania caulisequa</i> (Nees) Nees	A liverwort	G4G5	SH		
<i>Lejeunea blomquistii</i> (Evans) Schust.	Blomquist's Leafy Liverwort	G1G2	S1		
<i>Lejeunea ruthii</i> (Evans) Schust.	A liverwort	G3G4	S1		
<i>Leptoscyphus cuneifolius</i> (Hook.) Mitt.	Wedge Flapwort	G4G5	SH		
<i>Marsupella paroica</i> R. M. Schust.	A liverwort	G3	SH		
<i>Metzgeria temperata</i> Kuwahara	Whiskered Veilwort	G4	S1		
<i>Pellia endiviifolia</i> (Dicks.) Dumort.	Endive Pellia	G5	SH		
<i>Plagiochasma rupestre</i> (Forst.) Steph.	A flapwort	G5	S1		
<i>Plagiochila exigua</i> (Taylor) Taylor	A liverwort	G4?	SH		
<i>Plagiochila sullivantii</i> Gottsche ex A. Evans	Sullivant's leafy liverwort	G2	SH		
<i>Schistochilopsis incisa</i> (Schrad.) Konstant.	Jagged notchwort	G5	S1		
<i>Solenostoma pyrifolium</i> Steph.	A liverwort	G4	SH		
<i>Sphenolobopsis pearsonii</i> (Spruce) R.M. Schust	Horsehair threadwort	G2?	S1		
<i>Tritomaria exsecta</i> (Schmidel ex Schrad.) Schiffn. ex Loeske	Cut Notchwort	G5	SH		
<i>Tritomaria exsectiformis</i> (Breidl.) Schiffn. ex Loeske	Large cut notchwort	G5	SH		

MOSSES

<i>Bryoerythrophyllum ferruginascens</i> (Stirt.) Giacom.	Bryoerythrophyllum moss	G3G4	SH		
<i>Calliergon cordifolium</i> (Hedw.) Kindb.	Calliergon moss	G5	S1		
<i>Campylopus carolinae</i> Grout	A moss	G2	S1		
<i>Campylopus surinamensis</i> Müll. Hal.	A moss	G4G5	S1		
<i>Cirriphyllum piliferum</i> (Hedw.) Grout	Cirriphyllum moss	G5	S1		
<i>Codriophorus aduncooides</i> (Bednarek-Ochyra) Bednarek-Ochyra & Ochyra	A moss	GNR	SH		
<i>Conardia compacta</i> (Hook.) H. Rob.	A moss	G5	SH		
<i>Coscinodon cribrosus</i> (Hedw.) Spruce	Copper Coscinodon	G3G4	S1		
<i>Cryphaea nervosa</i> (Hook. & Wilson) Müll. Hal.	A moss	G4?	S1		
<i>Dicranoweisia crispula</i> (Hedw.) Milde	Mountain Thatch Moss	G5	S1		
<i>Dicranum muehlenbeckii</i> Bruch & Schimp.	A moss	G5	SH		
<i>Entodon sullivantii</i> (Müll. Hal.) Lindb.	Sullivant's Entodon moss	G3G4	S2		
<i>Forsstroemia producta</i> (Hornsch.) Paris	A moss	G5?	S1		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
MOSSES, continued					
<i>Grimmia alpestris</i> (F. Weber & D. Mohr) Schleicher	A moss	GNR	S1		
<i>Herpetineuron toccoe</i> (Sull. & Lesq.) Cardot	A moss	G4G5	S1		
<i>Heterocladium macounii</i> Best	A moss	G4	S1		
<i>Homalia trichomanoides</i> (Hedw.) Schimp. var. <i>trichomanoides</i>	Lime Homalia moss	G5T5	SH		
<i>Homaliadelphus sharpii</i> (R.S. Williams) Sharp	Sharp's Homaliadelphus moss	G3?	S1		
<i>Hylocomiastrum umbratum</i> (Hedw.) M. Fleisch. ex Broth.	A moss	G5	SH		
<i>Imbriobryum gemmiparum</i> (De. Not.) J.R. Spence & H.P. Ramsay	Bud-tipped Bryum	G3G5	S1		
<i>Leptodontium viticulosoides</i> var. <i>sulphureum</i> (Müll. Hal.) R.H. Zander	Granfather Mountain Leptodontium	G2	SH		
<i>Neckera complanata</i> (Hedw.) Hübener	A moss	G5	S1		
<i>Oncophorus rauei</i> (Austin) Grout	A moss	G3	SH		
<i>Orthotrichum elegans</i> Schwägr. ex Hook. & Grev.	A moss	G5	S1		
<i>Orthotrichum keeverae</i> Crum & Anders.	Keever's bristle-moss	G2	S1		
<i>Plagiothecium latebricola</i> BSG	Lurking leskea	G3G4	SH		
<i>Platydictya minutissima</i>	Small willow moss	G3	SH		
<i>Polytrichastrum alpinum</i> (Hedw.) G. L. Sm. var. <i>alpinum</i>	Alpine haircap moss	G5T5	SH		
<i>Polytrichastrum formosum</i> (Hedw.) G. L. Sm. var. <i>densifolium</i> (Mitten) Z. Iwatsuki & A. Noguchi	A haircap moss	G5TNR	SH		
<i>Pseudobryum cinclidioides</i> (Huebener) T.J. Kop.	River thyme moss	G5	SH		
<i>Rhabdoweisia crenulata</i> (Mitt.) H. Jameson	Himalayan Ribbed Weissia	G3G5	S1		
<i>Schistidium dupretii</i> (Thér.) W. A. Weber	A moss	GNR	SH		
<i>Schlotheimia rugifolia</i> (Hook.) Schwägr.	A moss	G3G5	SH		
<i>Sphagnum angustifolium</i> (C. Jens. ex Russ.) C. Jens.	Narrowleaf peatmoss	G5	S1S2		
<i>Sphagnum contortum</i> Schultz	A peatmoss	G5	S1		
<i>Sphagnum fuscum</i> (Schimp.) Klinggr.	Brown peatmoss	G5	SH		
<i>Sphagnum girgensohnii</i> Russ.	Girgensohn's peatmoss	G5	S1S2		
<i>Sphagnum macrophyllum</i> Bernh. ex Brid. var. <i>macrophyllum</i>	Large-leaf peatmoss	G3G5T3?	S2		
<i>Sphagnum portoricense</i> Hampe	Puerto Rico peatmoss	G5	S1		
<i>Sphagnum rubellum</i> Wils.	Red peatmoss	G5	S2		
<i>Syntrichia amphidiacea</i> (Müll. Hal.) R.H. Zander	A moss	G3G5	SH		
<i>Syrrophodon incompletus</i> Schwägr.	A moss	G5	SH		

Rare Lichen and Bryophyte Lists

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>MOSSES, continued</i>					
<i>Tuerckheimia svihlae</i> (E.B. Bartram) R.H. Zander	A moss	GNR	S1		
<i>Ulota hutchinsiae</i> (Sm.) Hammar var. <i>rufescens</i> (E. Britton) Dixon	A moss	G5T3	SH		

APPENDIX 1: Changes to the 2018 Lists

Additions to the rare vascular plant list

<u>Scientific Name</u>	<u>Old Rank</u>	<u>New Rank</u>
<i>Cleistesiospis oricamporum</i> P.M. Brown	G3?	S1
<i>Dichantherium</i> sp. 12	N/A	S1
<i>Dichantherium</i> sp. 13	N/A	S1
<i>Malaxis bayardii</i> Fernald	G1G2	SH
<i>Symphyotrichum schistosum</i> (Steele) Nesom	GNA	S1

Removals from the rare vascular plant list

<u>Scientific Name</u>	<u>Old Rank</u>	<u>New Rank</u>
<i>Spiranthes ochroleuca</i> (Rydb.) Rydb.	S2	S3

Rank changes to the lists

<u>Scientific Name</u>	<u>Old Rank</u>	<u>New Rank</u>
<i>Grimmia alpestris</i> (F. Weber & D. Mohr) Schleicher	G3G5	GNR
<i>Parmelia omphalodes</i> (L.) Ach.	G2G4	G5
<i>Solidago lancifolia</i> Torr. & Gray	G3G4Q	G2

APPENDIX 2. RARE SPECIES SIGHTING FORM

An important component of the natural heritage inventory and protection process involves gathering information from state experts, professionals, and avocational naturalists throughout the state. To facilitate this, the Division of Natural Heritage has developed a rare species sighting form. If you would like to participate in our inventory and protection activities, please take a few moments to complete the attached form for any taxon from our lists. This data will be incorporated into the natural heritage data base and used exclusively for the protection of the rare taxon and its habitat. Please send the form or pertinent electronic files (including GIS data) to staff botanist John Townsend at: Department of Conservation and Recreation, Division of Natural Heritage, 600 East Main Street, 24th Floor, Richmond, VA 23219.

Thank you for your support. The Division of Natural Heritage can only realize the protection of the Commonwealth's natural diversity by working through a network of knowledgeable and concerned individuals.

TAXON NAME:

DATE SEEN:

CITY/COUNTY:

COLLECTION INFORMATION: (Include your personal collection number, if any, and the Herbarium where the specimen has been/will be deposited)

LOCATION: (Please provide as detailed a description as possible. (**Please include a topographic map or GIS file** showing the location.)

HABITAT DESCRIPTION: (Include associated species, natural features, vegetation, and other applicable habitat information).

POPULATION DATA: (Include number of individuals, age, size, spatial distribution, evidence of reproduction and other applicable population data.)

THREATS OR EVIDENCE OF DISTURBANCE TO SITE:

LAND OWNER(S):

REPORTED BY: (Please include name, address, telephone number, and email address.)

DATE OF THIS REPORT: