

NATURAL HERITAGE RESOURCES OF VIRGINIA: RARE PLANTS

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VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION
DIVISION OF NATURAL HERITAGE
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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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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, **609** 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 **229** 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. Taxa of uncertain status, which formerly made up a large percentage of the Watchlist, may now be found on the Review List (see below).

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 **141** 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 **46** 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). A large percentage of the listed species are mosses of the genus *Sphagnum*. These taxa are listed due to the field and herbarium work of Christopher A. Clappitt and Lewis E. Anderson, who resolved many of the taxonomic and distributional questions pertaining to *Sphagnum* in Virginia. Additional listings of non-vascular plants in future years are expected as our knowledge of this portion of the flora increases. Ecologists with the Division of Natural Heritage have been instrumental in urging this listing of imperiled taxa and have helped to revise the list based on new information. The lichen list has been revised in particular this year, based mostly on field work in Shenandoah National Park and subsequent identifications made by lichen experts at the New York Botanical Garden and by lichen expert Don Flenniken of West Virginia.

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 March 2005, 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 March 2005, 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.

LIST FORMAT

The rare plant list and the watchlist are ordered alphabetically 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 aid in the interpretation of the list, a brief explanation of each field follows:

Column 1. Scientific name:

In most cases, nomenclature for vascular plants follows Kartesz, J.T. 1999. *A Synonymized Checklist and Atlas with Biological Attributes for the Vascular Flora of the United States, Canada, and Greenland*. First Edition. In: Kartesz, J.T., and C.A. Meacham. *Synthesis of the North American Flora, Version 1.0*. North Carolina Botanical Garden, Chapel Hill, NC. or A.S. Weakley *Flora of the Carolinas and Virginia* (In prep.). Since the user may not have access to these references, a line is provided below the scientific name to provide a synonymy when other names are used in popular botanical references. These references include the 3rd edition of the *Atlas of the Virginia Flora* by A.M. Harvill, Jr., T.R. Bradley, C.E. Stevens, T.F. Wieboldt, D.M.E. Ware, D.W. Ogle, G.W. Ramsey, and G.P. Fleming (1992), A.E. Radford, H.E. Ahles, and C.R. Bell's *Manual of the Vascular Flora of the Carolinas* (1968), and M.L. Fernald's *Gray's Manual of Botany*, 8th edition (1950). The synonymy field is also used to give other pertinent taxonomic information and note when the nomenclature does not follow Kartesz. In addition to the synonymy line, a genus cross-reference is provided so that taxa treated in various genera by different authors can be easily located.

Nomenclature for lichens follows Esslinger, T.L. 1997. 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.nodak.edu/instruct/esslinge/chcklst/chcklst7.htm> (First Posted 1 December 1997, Most Recent Update 27 August 2001), Fargo, North Dakota.

Nomenclature for liverworts follows Hicks, Marie L. 1992. Guide to the Liverworts of North Carolina. Duke University Press, Durham, N.C. 239 pp.

Nomenclature for mosses follows the Bryophyte Names Authority List published online by the Missouri Botanical Garden at: <http://www.mobot.org/MOBOT/tropicos/most/bryolist.shtml>

Column 2. Common name:

A common name is provided for the convenience of the user. Common names for plants are not standardized and many taxa have no entirely satisfactory common name.

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_ = Intraspecific 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

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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, a dedicated staff of botanists and ecologists, including Allen Belden, Phil Coulling, Gary Fleming, Chris Ludwig, Kathleen McCoy, Shelly Parrish, Gina Pisoni, Nancy Van Alstine, Dean Walton, Karen Patterson, Kristin Taverna, Irvine Wilson, Mike Leahy, and Darren Loomis have provided many comments to refine the content of the lists. Dean Walton's keen interest in and understanding of non-vascular plants and their rarity in the state of Virginia and elsewhere, and has been instrumental in the listing of non-vascular plants herein. In addition to Heritage staff, the work of the Virginia Atlas Committee allows us a much greater understanding of the status of our botanical heritage. Our thanks go out to Alton Harvill, Ted Bradley, Doug Coleman, Gary Fleming, Doug Ogle, Gwynn Ramsey, Donna Ware, Tom Weiboldt, and Robert Wright.

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GENERA INDEX

If you can't find:

Agave
Agropyron
Allium
Arenaria
Arenaria
Arenaria
Armoracea
Asarum
Aster
Aster
Bumelia
Cacalia
Cacalia
Cacalia
Calamintha
Carduus
Cassia
Centunculus
Callisia
Convolvulus
Croton
Cynoctonum
Dentaria
Dichromena
Diplachne
Disporum
Dracocephalum
Erianthus
Eupatoriadelphus
Euphorbia
Fleischmannia
Gentiana
Gerardia
Gerardia
Gillenia
Gnaphalium
Habenaria
Haplopappus
Hedyotis
Hedyotis
Helianthemum
Heterotheca

Look under:

Manfreda
Elymus
Nothoscordum
Honckenya
Minuartia
Moehringia
Neobeckia
Hexastylis
Eurybia
Symphotrichum
Sideroxylon
Arnoglossum
Hasteola
Neobeckia
Clinopodium
Cirsium
Chamaecrista
Anagallis
Cuthbertia
Calystegia
Crotonopsis
Mitreola
Cardamine
Rhynchospora
Leptochloa
Prosartes
Physostegia
Saccharum
Eupatorium
Chamaesyse
Eupatorium
Gentianopsis
Agalinis
Aureolaria
Porteranthus
Pseudognaphalium
Platanthera
Croptilon
Houstonia
Oldenlandia
Crocantemum
Chrysopsis

Houstonia
Hypericum
Isopyrum
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Lipocarpa
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Lophotocarpus
Lycopodiella
Lycopodium
Lycopodium
Lycopodium
Manisuris
Nemopanthus
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Panicum
Panicum
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Potentilla
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Solidago
Sphaeralcea
Tomanthera
Tradescantia
Triodia
Tofieldia
Uniola
Verbena
Xanthoxylum

Hedyotis
Triadenum
Enemion
Ludwigia
Digitaria
Hemicarpha
Phyla
Sagittaria
Peudolycopodiella
Lycopodiella
Peudolycopodiella
Huperzia
Coelorachis
Ilex
Dichantherium
Phanopyrum
Steinchisma
Didiplas
Sibbaldiopsis
Rhynchospora
Onobrychis
Orbexilum
Pedimelum
Orthilia
Clinopodium
Mimosa
Isolepis
Schoenoplectus
Packera
Dasistoma
Maianthemum
Euthamia
Oligoneuron
Malvastrum
Agalinis
Cuthbertia
Tridens
Triantha
Chasmanthium
Stylodon
Zanthoxylum

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>Adiantum capillus-veneris</i> L.	Southern maidenhair-fern	G5	SH		
<i>Aeschynomene virginica</i> (L.) B.S.P.	Sensitive joint- vetch	G2	S2	LT	LT
<i>Agalinis auriculata</i> (Michx.) Blake syn: <i>Gerardia fasciculata</i> Michx.. syn: <i>Tomanthera auriculata</i> (Michx.) Raf.	Earleaf foxglove	G3	S1		
<i>Agalinis paupercula</i> (Gray) Britt. syn: <i>Gerardia paupercula</i> (Gray) Britt.	Small-flower false- foxglove	G5	S1		
<i>Aletris aurea</i> Walt.	Golden colicroot	G5	S1		
<i>Alnus incana</i> (L.) Moench ssp. <i>rugosa</i> (Du Roi) Clausen syn: <i>A. rugosa</i> (Du Roi) Spreng.	Speckled alder	G5T5	S2		
<i>Amaranthus pumilus</i> Raf.	Seabeach amaranth	G2	S1	LT	LT
<i>Amelanchier nantucketensis</i> Bickn.	Nantucket shadbush	G3Q	S1		
<i>Amphicarpum amphicarpon</i> (Pursh) Nash	Pinebarrens Goobar-grass	G4	S1		
<i>Anagallis minima</i> (L.) Krause syn: <i>Centunculus minimus</i> L.	Chaffweed	G5	SH		
<i>Anaphalis margaritacea</i> (L.) Benth. & Hook. f.	Pearly everlasting	G5	S1		
<i>Andropogon mohrii</i> (Hack.) Hack. ex Vasey	Mohr bluestem	G4?	SH		
<i>Anemone berlandieri</i> Pritz.	Eastern prairie anemone	G4?	S1		
<i>Anemone canadensis</i> L.	Canada anemone	G5	S1		
<i>Arabis glabra</i> (L.) Bernh.	Tower-mustard	G5	S1		
<i>Arabis hirsuta</i> (L.) Scop. var. <i>adpressipilis</i> (M. Hopkins) Rollins All Virginia <i>A. hirsuta</i> is var. <i>adpressipilis</i>	Hairy rockcress	G5T4Q	S1S2		
<i>Arabis patens</i> Sullivant	Spreading rockcress	G3	S2		
<i>Arabis serotina</i> Steele	Shale-barren rockcress	G2	S2	LE	LT
<i>Arabis shortii</i> (Fern.) Gleason syn: <i>A. perstellata</i> E.L. Braun var. <i>shortii</i> Fern.	Short's rockcress	G5	S2		
<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. ssp. <i>lanuginosa</i> All Virginia <i>A. lanuginosa</i> is var. <i>lanuginosa</i>	A sandwort	G5T5	SH		
<i>Arethusa bulbosa</i> L.	Dragon's mouth	G4	S1		
<i>Arnoglossum muehlenbergii</i> (Schultz-Bip.) H.E. Robins. syn: <i>Cacalia muhlenbergii</i> (Schultz-Bip.) Fern.	Great Indian- plantain	G4	S2		

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<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. ssp. <i>rolfsii</i> (Britt. ex Vail) Woods.	Sandhills butterflyweed	G5?TNR	S1		
<i>Asplenium bradleyi</i> D.C. Eaton	Bradley's spleenwort	G4	S2		
<i>Astragalus distortus</i> Torr. & Gray var. <i>distortus</i> All Virginia <i>A. distortus</i> is var. <i>distortus</i>	Bent milkvetch	G5T5?	S1?		
<i>Astragalus neglectus</i> (Torr. & Gray) Sheldon	Cooper's milkvetch	G4	S2		
<i>Bacopa caroliniana</i> (Walt.) B.L. Robins.	Carolina 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.	Roundleaf water-hyssop	G5	S1		
Virginia material formerly named <i>B. simulans</i> Fern.					
<i>Baptisia albescens</i> Small	Narrowpod white wild-indigo	G4	S1		
Given as <i>B. alba</i> (L.) R. Brown in Fernald (1950) and Harvill et al. (1992)					
<i>Baptisia cinerea</i> (Raf.) Fern. & Schub.	Hairy wild-indigo	G3G4	SH		
<i>Bartonia verna</i> (Michx.) Raf. ex Bart.	Spring bartonia	G5?	S1		
<i>Betula cordifolia</i> Regel	Mountain paper birch	G5T5	S2		
syn: <i>B. papyrifera</i> Marsh. var. <i>cordifolia</i> (Regel) Fern.					
All Virginia <i>B. papyrifera</i> is var. <i>cordifolia</i>					
<i>Betula populifolia</i> Marsh.	Gray birch	G5	S1		
<i>Betula uber</i> (Ashe) Fern.	Virginia round-leaf birch	G1Q	S1	LT	LE
<i>Boltonia montana</i> J.F. Townsend & V. Karaman-Castro	Valley Doll's-daisy	G1G2	S1		
<i>Botrychium jenmanii</i> Underwood	Alabama grape-fern	G3G4	S1		
syn: <i>B. alabamense</i> Maxon					
<i>Botrychium lanceolatum</i> (Gmel.) Angstr. var. <i>angustisegmentum</i> Pease & Moore	Lance-leaved grape-fern	G5TNR	S1		
All Virginia <i>B. lanceolatum</i> is var. <i>angustisegmentum</i>					
<i>Botrychium multifidum</i> (Gmel.) Trev.	Leathery grape-fern	G5	S1		
<i>Botrychium oneidense</i> (Gilbert) House	Blunt-lobe grape fern	G4Q	S2		
<i>Botrychium simplex</i> E. Hitchc.	Least grape-fern	G5	S1		
<i>Bromus ciliatus</i> L.	Fringed brome grass	G5	S1		
<i>Bromus kalmii</i> Gray	Wild chess	G5	S1		
<i>Buchnera americana</i> L.	Blue-hearts	G5?	S1S2		

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Buckleya distichophylla</i> (Nutt.) Torr.	Piratebush	G2	S2		
<i>Burmannia biflora</i> L.	Northern burmannia	G4G5	SH		
<i>Cabomba caroliniana</i> Gray	Carolina fanwort	G3G5	S2		
<i>Calamovilfa brevipilis</i> (Torr.) Scribn.	Pine barrens reedgrass	G4	S1		
var. <i>calvipes</i> Fern. not recognized					
<i>Calopogon pallidus</i> Chapman	Pale grass-pink	G4G5	S1		
<i>Calopogon tuberosus</i> (L.) B.S.P. var. <i>tuberosus</i>	Tuberous grass-pink	G5T5	S2		
All Virginia <i>C. tuberosus</i> is var. <i>tuberosus</i>					
<i>Calycanthus floridus</i> L. var. <i>floridus</i>	Sweet-shrub	G5T4	S2?		
<i>Calycanthus floridus</i> L. var. <i>glaucus</i> (Willd.) Torr. & Gray	Smooth sweet-shrub	G5T5	S1?		
<i>Camassia scilloides</i> (Raf.) Cory	Wild hyacinth	G4G5	S2		
<i>Campanula rotundifolia</i> L.	American harebell	G5	S1		
<i>Cardamine clematitis</i> Shuttlw. ex Gray	Mountain bittercress	G3	S1		
<i>Cardamine dissecta</i> (Leavenworth) Al-Shehbaz	Divided-leaved toothwort	G4?	S1		
syn: <i>Dentaria multifida</i> Muhl. ex. Ell.					
<i>Cardamine flagellifera</i> O.E. Schulz	A bittercress	G3	SH		
<i>Cardamine micranthera</i> Rollins	Small-anthered bittercress	G2	S1	LE	LE
<i>Cardamine pratensis</i> L.	Cuckooflower	G5	S1		
Only native Virginia populations are monitored					
<i>Carex aestivaliformis</i> Mackenz.	A sedge	GNA	S1		
syn: <i>Carex x aestivaliformis</i> Mackenz.					
<i>Carex aquatilis</i> Wahlenb	Aquatic sedge	G5	S1		
syn: <i>C. aquatilis</i> var. <i>altior</i> (Rydberg) Fernald					
<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.	Buxbaum's sedge	G5	S2		
<i>Carex conoidea</i> Schkuhr ex Willd.	Field sedge	G5	S1S2		
<i>Carex crawei</i> Dewey	Craw's sedge	G5	S2		
<i>Carex cristatella</i> Britt.	Crested sedge	G5	S2		
<i>Carex crus-corvi</i> Shuttlw. ex Kunze	Ravenfoot sedge	G5	S1S2		
<i>Carex davisii</i> Schwein. & Torr.	Davis' sedge	G4	S1		
<i>Carex decomposita</i> Muhl.	Cypress-knee sedge	G3	S2		
<i>Carex flava</i> L.	Green sedge	G5	S1		
<i>Carex interior</i> Bailey	Inland sedge	G5	S1		
<i>Carex juniperorum</i> Catling, Reznicek, & Crins	Juniper sedge	G2	S1		LE
<i>Carex lacustris</i> Willd.	Lake-bank sedge	G5	S1		
<i>Carex lasiocarpa</i> Ehrh var. <i>americana</i> Fern.	Slender sedge	G5T5	S1		
Does not include <i>C. lanuginosa</i> Michx.					
<i>Carex lupuliformis</i> Sartwell ex Dewey	False hop sedge	G4	S2		
Under <i>C. lupulina</i> Willd. in Harvill et al.					

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
(1992)					
<i>Carex manhartii</i> Bryson	Manhart's sedge	G3G4	S1		
<i>Carex oklahomensis</i> Mackenzie	Sooner sedge	G4	S1		
<i>Carex ormostachya</i> Wieg.	Necklace spike sedge	G4	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	Reniform sedge	G4?	SH		
<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.	A sedge	GNR	S1		
Mountain species in Section <i>Acrocystis</i> (<i>Montanae</i>)					
<i>Carex sterilis</i> Willd.	Sterile sedge	G4	S1		
<i>Carex straminea</i> Willd. ex Schkuhr	Straw sedge	G5	S1		
Does not include <i>C. hormathodes</i> Fern.					
<i>Carex tenera</i> Dewey	Slender sedge	G5	S1?		
<i>Carex utriculata</i> Boott	Beaked sedge	G5	S1		
Given as <i>C. rostrata</i> Stokes in Fernald (1950) and Harvill et al. (1992)					
<i>Carex vesicaria</i> L.	Inflated sedge	G5	S1S2		
<i>Carex vestita</i> Willd.	Velvety sedge	G5	S2		
<i>Carphephorus bellidifolius</i> (Michx.) Torr. & Gray	Sandy-woods chaffhead	G4	S1		
<i>Carphephorus tomentosus</i> (Michx.) Torr. & Gray	Woolly chaffhead	G4	S1		
<i>Carya carolinae-septentrionalis</i> (Ashe) Engl. & Graebn.	Southern shagbark hickory	G5?	S1		
<i>Cerastium arvense</i> L. ssp. <i>velutinum</i> (Raf.) Ugborogho	A field chickweed	G5T4?	S2?		
Subspecific designation for our plants is currently in dispute.					
<i>Chamaesyce bombensis</i> (Jacq.) Dugand	Southern beach spurge	G4G5	S2		
syn: <i>Euphorbia ammanioides</i> Kunth					
<i>Cheilanthes alabamensis</i> (Buckl.) Kunze	Alabama lipfern	G4G5	S1		
<i>Cheilanthes eatonii</i> Baker	Chestnut lipfern	G5?	S2		
syn: <i>C. castanea</i> Maxon					
<i>Cheilanthes feei</i> T. Moore	Fee's lipfern	G5	S1		
<i>Chelone cuthbertii</i> Small	Cuthbert turtlehead	G3	S2		
<i>Chelone obliqua</i> L.	Red turtlehead	G4	S1		
<i>Chrysopsis gossypina</i> (Michx.) Ell.	Cottony golden-aster	G5	S1		
syn: <i>Heterotheca gossypina</i> (Michx.) Shinnars					
<i>Cicuta bulbifera</i> L.	Bulb-bearing water-hemlock	G5	SH		

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<i>Cimicifuga rubifolia</i> Kearney	Appalachian bugbane	G3	S2		
<i>Cirsium altissimum</i> (L.) Hill syn: <i>Carduus altissimus</i> L.	Tall thistle	G5	S1		
<i>Cirsium carolinianum</i> (Walt.) Fern. & Schub. syn: <i>Carduus carolinianus</i> Walt.	Carolina thistle	G5	S1		
<i>Cirsium nuttallii</i> DC. syn: <i>Carduus nuttallii</i> (DC.) Pollard	Nuttall's thistle	G5	SH		
<i>Cirsium repandum</i> Michx. syn: <i>Carduus repandus</i> (Michx.) Pers.	Coastal-plain thistle	G5	SH		
<i>Cirsium virginianum</i> (L.) Michx. syn: <i>Carduus virginianus</i> L.	Virginia thistle	G3	S2		
<i>Cladium jamaicense</i> Crantz syn: <i>C. mariscus</i> (L.) Pohl ssp. <i>jamaicense</i> (Crantz) Kukenth	Sawgrass	G5T5	S2		
<i>Cleistes bifaria</i> (Fern.) Catling & Gregg	Small spreading pogonia	G4?	S2		
<i>Cleistes divaricata</i> (L.) Ames	Spreading pogonia	G4	S1		
<i>Clematis addisonii</i> Britt.	Addison's leatherflower	G2	S2		
<i>Clematis catesbyana</i> Pursh Under <i>C. virginiana</i> L. in Radford et al. (1968)	Satin-curles	G4G5	S1		
<i>Clematis glaucophylla</i> Small	White-leaved leatherflower	G4?	SH		
<i>Clematis occidentalis</i> (Hornem.) DC. var. <i>occidentalis</i> syn: <i>C. verticillatus</i> DC. All Virginia <i>C. occidentalis</i> is var. <i>occidentalis</i>	Purple clematis	G5T5	S2		
<i>Clematis viticaulis</i> Steele	Millboro leatherflower	G2	S2		
<i>Clinopodium arkansanum</i> (Nutt.) House often confused with <i>Calamintha glabella</i> (Michx.) Benth. syn: <i>Satureja arkansana</i> (Nutt.) Briquet	Arkansas Calamint	G5	SH		
<i>Cocculus carolinus</i> (L.) A. DC. Only native Virginia populations are monitored	Red-berried moonseed	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	S2		
<i>Collinsonia verticillata</i> Baldw.	Whorled horse-balm	G3G4	S1		
<i>Conioselinum chinense</i> (L.) B.S.P.	Hemlock parsley	G5	S1		
<i>Corallorhiza bentleyi</i> Freudenstein	Bentley's coralroot	G1G2	S1		LE

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<i>Corallorhiza maculata</i> (Raf.) Raf. var. <i>occidentalis</i> (Lindl.) Cockerell	Western spotted coralroot	G5T3T5	S1		
<i>Coreopsis falcata</i> Boynton	Pool coreopsis	G4G5	S1		
<i>Coreopsis linifolia</i> Nutt syn: <i>C. oniscicarpa</i> Fern.	Atlantic tickseed	G4Q	S1		
<i>Cornus amomum</i> (P. Mill.) ssp. <i>obliqua</i> (Raf.) J.S. Wilson	Silky Dogwood	G5T5	S2		
<i>Cornus canadensis</i> L.	Bunchberry	G5	S1		
<i>Cornus rugosa</i> Lam.	Roundleaf dogwood	G5	S1		
<i>Crataegus calpodendron</i> (Ehrh.) Medik.	Pear hawthorn	G5	S1		
<i>Crataegus mollis</i> Scheele	A hawthorn	G5	S1		
<i>Crataegus spathulata</i> Michx.	A hawthorn	G5	SH		
<i>Crataegus succulenta</i> Schrad. ex Link	Fleshy hawthorn	G5	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.	A rattle-box	G5	S2		
<i>Crotalaria rotundifolia</i> Walt. ex J.F. Gmel. syn: <i>C. angulata</i> P. Mill.	Prostrate rattle-box	G5	SH		
<i>Ctenium aromaticum</i> (Walt.) Wood	Toothache grass	G5	S1		
<i>Cuscuta cephalanthi</i> Engelm.	Button-bush dodder	G5	S1?		
<i>Cuscuta coryli</i> Engelm.	Hazel dodder	G5?	S2?		
<i>Cuscuta indecora</i> Choisy	Pretty dodder	G5	S2?		
<i>Cuscuta polygonorum</i> Engelm.	Smartweed dodder	G5	S2?		
<i>Cuscuta rostrata</i> Shuttlw. ex Engelm. & Gray	Beaked dodder	G4	S2		
<i>Cuthbertia graminea</i> Small syn: <i>Tradescantia rosea</i> Vent. var. <i>graminea</i> (Small) E.S. Anderson & Woods syn: <i>Callisia graminea</i> (Small) G. Tucker	Grass-like roselings	G5	S1		
<i>Cyperus acuminatus</i> Torr. & Hook. ex Torr.	Short-point flatsedge	G5	SH		
<i>Cyperus dentatus</i> Torr.	Toothed flatsedge	G4	S1		
<i>Cyperus diandrus</i> Torr.	Umbrella flatsedge	G5	S1		
<i>Cyperus engelmannii</i> Steud.	Engelmann's flatsedge	G4Q	S1		
Under <i>C. odoratus</i> L. in Kartesz (1999) and Harvill et al. (1992)					
<i>Cyperus granitophilus</i> McVaugh	Granite-loving flatsedge	G3G4Q	S1		
<i>Cyperus houghtonii</i> Torr.	Houghton's flatsedge	G4?	SH		
<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	G4	S1		

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<i>Cystopteris tennesseensis</i> Shaver	Tennessee bladderfern	G5	S1		
<i>Dalibarda repens</i> L.	Robin-runaway	G5	S1		
<i>Dasistoma macrophylla</i> (Nutt.) Raf. syn: <i>Seymeria macrophylla</i> (Nutt.) Raf.	Mullein foxglove	G4	S1		
<i>Deschampsia caespitosa</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> All Virginia <i>D. cuspidatum</i> is var. <i>cuspidatum</i>	Toothed tick-trefoil	G5T5?	S2		
<i>Desmodium ochroleucum</i> M.A. Curtis ex Canby	Creamflower tick-trefoil	G1G2	SH		
<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 syn: <i>Sedum smallii</i> (Britton ex Small) Ahles	Small's stonecrop	G4	S1		
<i>Diarrhena obovata</i> (Gleason) Brandenburg syn: <i>D. americana</i> Beauv. var. <i>obovata</i> Gleason	Western beakgrain	G4G5	S1		
<i>Dichanthelium annulum</i> (Ashe) LeBlond syn: <i>Panicum annulum</i> Ashe	Ringed panic grass	G5TNRQ	S2		
<i>Dichanthelium caerulescens</i> (Hack. ex Hitchc.) Correll syn: <i>Panicum caerulescens</i> Hack ex A.S. Hitchc. Under <i>D. dichotomum</i> (L.) Gould in Harvill et al. (1992), Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999)	Blue witch grass	G2G3	S1		
<i>Dichanthelium consanguineum</i> (Kunth) Gould & C.A. Clark syn: <i>Panicum consanguineum</i> Kunth	Blood panic grass	G5	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-fruited panic grass	G5T5	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	S1		
<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	S2		
<i>Digitaria serotina</i> (Walt.) Michx.	Dwarf crabgrass	G5?	S1		
<i>Echinacea laevigata</i> (C.L. Boynt. & Beadle) Blake	Smooth coneflower	G2G3	S2	LE	LT

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<i>Echinocystis lobata</i> (Michx.) Torr. & Gray	Wild mock-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 spikerush	G4G5	S1		
<i>Eleocharis compressa</i> Sullivant Under <i>E. elliptica</i> Kunth in Harvill et al. (1992)	Flattened spikerush	G4	S2		
<i>Eleocharis equisetoides</i> (Ell.) Torr.	Horse-tail 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-angle spikerush	G4	S1		
<i>Eleocharis uniglumis</i> (Link) Schultes formerly listed as <i>Eleocharis halophila</i>	Creeping spikerush	G5?	S1		
<i>Eleocharis vivipara</i> Link	Viviparous spikerush	G5	S1		
<i>Eleocharis wolfii</i> (Gray) Gray ex Britt.	Wolf's spike-rush	G3G4	S1		
<i>Elymus canadensis</i> L.	Nodding wild rye	G5	S2?		
<i>Elymus trachycaulus</i> (Link) Gould ex Shinners ssp. <i>trachycaulus</i> syn: <i>Agropyron trachycaulum</i> (Link) Malte ex H.F. Lewis All Virginia <i>E. trachycaulus</i> is ssp. <i>trachycaulus</i>	Slender wheatgrass	G5T5	S2		
<i>Enemion biternatum</i> Raf.	False rue-anemone	G5	S1		
syn: <i>Isopyrum biternatum</i> (Raf.) Torr. & Gray					
<i>Epilobium leptophyllum</i> Raf.	Linear-leaved willow-herb	G5	S2		
<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 syn: <i>E. septangulare</i> Withering syn: <i>E. pellucidum</i> Michx.	Seven-angled pipewort	G5	S1		
<i>Eriocaulon decangulare</i> L.	Ten-angle pipewort	G5	S2		
<i>Eriocaulon parkeri</i> B.L. Robins.	Parker's pipewort	G3	S2		
<i>Eryngium integrifolium</i> Walt.	Savanna eryngo	G5	S1		
<i>Eryngium yuccifolium</i> Michx. var. <i>yuccifolium</i> All Virginia <i>E. yuccifolium</i> is var. <i>yuccifolium</i>	Rattlesnake-master	G5T5	S2		

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<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 anomalum</i> Nash	Anomalous eupatorium	G2G3	S1		
<i>Eupatorium glaucescens</i> Ell. syn: <i>E. cuneifolium</i> Willd.	Wedge-leaf thoroughwort	G5	SH		
<i>Eupatorium incarnatum</i> Walt. syn: <i>Fleischmannia incarnata</i> (Walt.) King & H.E. Robins.	Pink thoroughwort	G5	S2		
<i>Eupatorium maculatum</i> L. var. <i>maculatum</i> syn: <i>Eupatoriadelphus maculatus</i> (L.) King & H.E. Robins. All Virginia <i>E. maculatum</i> is var. <i>maculatum</i>	Spotted joe-pye weed	G5T5	S2		
<i>Euphorbia exserta</i> (Small) Coker	Coastal-sand 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.	Rough-leaved aster	G5	S1		
<i>Eurybia surculosa</i> (Michx) Nesom syn: <i>Aster surculosus</i> Michx.	Creeping aster	G4G5	S1		
<i>Filipendula rubra</i> (Hill) B.L. Robins.	Queen-of-the-prairie	G4G5	S2		
<i>Fimbristylis perpusilla</i> Harper ex Small & Britt.	Harper's fimbry	G2	S1		LE
<i>Fimbristylis puberula</i> (Michx.) Vahl var. <i>puberula</i> 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>	Hairy fimbry	G5T5?	S1		
<i>Fragaria vesca</i> L. ssp. <i>americana</i> (Porter) Staudt All native <i>F. vesca</i> is ssp. <i>americana</i>	Woodland strawberry	G5T5	S2?		
<i>Fuirena breviseta</i> (Coville) Coville Under <i>F. squarrosa</i> Michx. in Radford et al. (1968)	An umbrella sedge	G5	SH		
<i>Gaylussacia brachycera</i> (Michx.) Gray	Box huckleberry	G3	S2		
<i>Gentiana autumnalis</i> L.	Pine-barren gentian	G3	S1		
<i>Gentianella quinquefolia</i> (L.) Small ssp. <i>occidentalis</i> (Gray) J. Gillett	Western stiff gentian	G5T4T5	S1?		
<i>Gentianopsis crinita</i> (Froel.) Ma syn: <i>Gentiana crinita</i> Froel.	Fringed gentian	G5	S1		
<i>Geum aleppicum</i> Jacq.	Yellow avens	G5	SH		
<i>Geum laciniatum</i> var. <i>laciniatum</i>	Rough avens	G5T5	S1		
<i>Geum laciniatum</i> Murr. var. <i>trichocarpum</i> Fern.	Rough avens	G5T3T5	S2?		

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<i>Glyceria grandis</i> S. Wats. var. <i>grandis</i> All Virginia <i>G. grandis</i> is 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. var. <i>ophioides</i> Fern. All Virginia <i>G. repens</i> is var. <i>ophioides</i>	Dwarf rattlesnake plantain	G5T?Q	S2?		
<i>Gratiola ramosa</i> Walt.	Branched hedge-hyssop	G4G5	S1		
<i>Hasteola suaveolens</i> (L.) Pojark. syn: <i>Cacalia suaveolens</i> (L.) Pojark. syn: <i>Synosma suaveolens</i> Raf. ex Britt.	Sweet-scented Indian-plantain	G4	S2		
<i>Hedyotis nigricans</i> (Lam.) Fosberg syn: <i>Houstonia nigricans</i> (Lam.) Fern.	Barren bluets	G5	S1		
<i>Helenium brevifolium</i> (Nutt.) Wood	Shortleaf sneezeweed	G4	S2		
<i>Helenium virginicum</i> Blake	Virginia sneezeweed	G3	S2	LT	LE
<i>Helianthus occidentalis</i> Riddell Virginia ssp. not yet determined	Western sunflower	G5	S1		
<i>Heliotropium curassavicum</i> L.	Seaside heliotrope	G5	S1		
<i>Helonias bullata</i> L.	Swamp-pink	G3	S2S3	LT	LE
<i>Hemicarpha micrantha</i> (Vahl) Pax syn: <i>Lipocarpha micrantha</i> (Vahl) G. Tucker	Dwarf bulrush	G5	S1		
<i>Heteranthera multiflora</i> (Griseb.) Horn	Multiflowered mud-plantain	G4	S1		
<i>Heuchera alba</i> Rydb.	White alumroot	G2Q	S2?		
<i>Heuchera caroliniana</i> (Rosendahl, Butters & Lakela) E. Wells	Carolina alumroot	G3	S1		
<i>Hexastylis contracta</i> Blomquist	Mountain heartleaf	G3	S1		
<i>Hierochloa odorata</i> (L.) Beauv. ssp. <i>odorata</i>	Vanilla grass	G5T5	S1		
<i>Honkenya 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. All Virginia <i>H. peploides</i> is ssp. <i>robusta</i>	Sea-beach sandwort	G5T4	SH		
<i>Hordeum jubatum</i> L. Only native Virginia occurrences are monitored	Fox-tail barley	G5	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		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Huperzia appalachiana</i> Beitel & Mickel	Appalachian fir - clubmoss	G4G5	S2		
Under <i>Lycopodium selago</i> L. in Harvill et al. (1992), Radford et al. (1968), and Fernald (1950)					
<i>Huperzia porophila</i> (Lloyd & Underwood) Holub	Rock clubmoss	G4	S1		
syn: <i>Lycopodium porophilum</i> Lloyd & Underwood					
<i>Hydrocotyle bonariensis</i> Comm. ex Lam.	Coastal water-pennywort	G5	S1?		
<i>Hypericum adpressum</i> Raf. ex W. Bart.	Creeping St. John's-wort	G3	S1		
<i>Hypericum boreale</i> (Britt.) Bickn.	Northern St. John's-wort	G5	S2		
<i>Hypericum denticulatum</i>	Coppery St. John's-wort	G5	SH		
Does not include <i>H. virgatum</i> (= <i>H. denticulatum</i> var. <i>acutifolium</i> Ell.)					
<i>Hypericum lloydii</i> (Svenson) P. Adams	Lloyd's St.-John's-wort	G4?	SH		
<i>Hypericum setosum</i> L.	A St. John's-wort	G4G5	S1S2		
<i>Hypoxis sessilis</i> L.	Glossy-seeded stargrass	G4	SH		
Includes <i>H. longii</i> Fern.					
<i>Ilex collina</i> Alexander	Long-stalked holly	G3	S2		LE
syn: <i>Nemopanthus collinus</i> (Alexander) R. Clark					
<i>Ilex coriacea</i> (Pursh) Chapman	Bay-gall holly	G5	S2		
<i>Iliamna corei</i> Sherff	Peter's Mountain mallow	G1Q	S1	LE	LE
Under <i>I. rivularis</i> (Dougl. ex Hook.) Greene var. <i>rivularis</i> in Kartesz (1999)					
<i>Iliamna remota</i> Greene	Kankakee globe-mallow	G1Q	S1		
Under <i>I. rivularis</i> (Dougl. ex Hook.) Greene var. <i>rivularis</i> in Kartesz (1999)					
<i>Isoetes appalachiana</i> Brunton & Britton	Appalachian quillwort	G4	S2?		
<i>Isoetes hyemalis</i> Brunton	Winter quillwort	G2G3	S2		
<i>Isoetes lacustris</i> L.	Lake quillwort	G5	S1?		
Given as <i>I. macrospora</i> Durieu in Harvill et al. (1992)					
<i>Isoetes melanopoda</i> Gay & Durieu ex Durieu	Blackfoot quillwort	G5	S1?		
<i>Isoetes piedmontana</i> (N.E. Pfeiffer) C.F. Reed	Piedmont quillwort	G3	S1?		
<i>Isoetes virginica</i> N.E. Pfeiffer	Virginia quillwort	G1	S1?		
<i>Isotria medeoloides</i> (Pursh) Raf.	Small whorled pogonia	G2	S2	LT	LE
<i>Iva imbricata</i> Walt.	Sea-coast marsh-elder	G5?	S1S2		
<i>Juncus abortivus</i> Chapman	Pine-barren rush	G4G5	S1		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Juncus articulatus</i> L.	Jointed rush	G5	S1S2		
<i>Juncus balticus</i> Willd. var. <i>littoralis</i> Engelm. All Virginia <i>J. balticus</i> is var. <i>littoralis</i>	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	G2	S2		LT
<i>Juncus elliotii</i> Chapman	Bog rush	G4G5	S1S2		
<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	S1		
<i>Juncus torreyi</i> Coville	Torrey's rush	G5	S2		
<i>Juncus trifidus</i> L.	Highland rush	G5	S1		
<i>Juniperus communis</i> L. var. <i>depressa</i> Pursh All Virginia <i>J. communis</i> is var. <i>depressa</i>	Ground juniper	G5T5	S1		
<i>Kalmia angustifolia</i> L.	Sheep-laurel	G5	S2		
<i>Kalmia carolina</i> Small	Carolina sheep-laurel	G4	S2		
syn: <i>Kalmia anugustifolia</i> L. var. <i>caroliniana</i> (Small) Fernald					
<i>Lachnanthes caroliniana</i> (Lam.) Dandy syn: <i>L. caroliniana</i> (Lam.) Dandy syn: <i>L. tinctoria</i> (G.F. Gmel.) Ell.	Redroot	G4	SH		
<i>Lachnocaulon anceps</i> (Walt.) Morong	Bog-buttons	G5	S2		
<i>Lathyrus palustris</i> L.	Vetchling	G5	S1		
<i>Lechea intermedia</i> Leggett ex Britt. var. <i>intermedia</i> All Virginia <i>L. intermedia</i> is var. <i>intermedia</i>	Narrowleaf pinweed	G5T4T5	SH		
<i>Leersia hexandra</i> Sw.	Club-head cutgrass	G5	SH		
<i>Lemna trisulca</i> L.	Star duckweed	G5	S1		
<i>Leucothoe fontanesiana</i> (Steud.) Sleumer syn: <i>L. editorum</i> Fern. & Schub. 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 syn: <i>L. attenuata</i> (Hook. & Arn.) Fern.	Carolina lilaeopsis	G3G5	S1		
<i>Lilium catesbaei</i> Walt.	Southern red 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> (syn: <i>L. x pseudograyi</i> Grove)	Gray's lily	G3	S2		
<i>Lilium pyrophilum</i> M.W. Skinner & Sorrie	Sandhills 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 lipocarpa	G5	S1		

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<i>Lithospermum caroliniense</i> (Walt. ex J.F. Gmel.) MacM.	Golden puccoon	G4G5	S1		
<i>Litsea aestivalis</i> (L.) Fern.	Pondspice	G3	S1		
<i>Lobelia elongata</i> Small	Elongated lobelia	G4G5	S1		
<i>Lotus helleri</i> Britt.	Carolina prairie-trefoil	G5T3T5	S1		
syn: <i>L. purshianus</i> F.E. & E.G. Clements var. <i>helleri</i> (Britton) Isely					
syn: <i>L. unifoliatum</i> (Hook.) Benth. var. <i>helleri</i> (Britt.) Kartesz & Ghandi					
<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	S1		
<i>Ludwigia pilosa</i> Walt.	Hairy seedbox	G5	S1		
<i>Ludwigia ravenii</i> Peng	Raven's seedbox	G1G2	S1		
<i>Ludwigia repens</i> J.R. Forst.	Creeping seedbox	G5	S1		
<i>Ludwigia virgata</i> Michx.	Savanna seedbox	G5	SH		
<i>Lycopodiella inundata</i> (L.) Holub	Northern bog clubmoss	G5	S1		
syn: <i>Lycopodium inundatum</i> L.					
<i>Lysimachia hybrida</i> Michx.	Lowland loosestrife	G5	S2		
<i>Lysimachia quadriflora</i> Sims	Smooth loosestrife	G5?	S1		
<i>Lysimachia radicans</i> Hook.	Trailing loosestrife	G4G5	SH		
<i>Lythrum alatum</i> Pursh var. <i>alatum</i>	Winged loosestrife	G5T5	S2		
syn: <i>Lythrum alatum</i> Pursh var. <i>alatum</i>					
<i>Lythrum lanceolatum</i> Ell.	Lance-leaved loosestrife	G5T5	SH		
syn: <i>Lythrum alatum</i> Pursh var. <i>lanceolatum</i> (Ell.) Torr. & Gray ex Rothrock					
<i>Magnolia macrophylla</i> Michx.	Bigleaf magnolia	G5	S1		
<i>Maianthemum stellatum</i> (L.) Link	Starry false solomon's-seal	G5	S2?		
syn: <i>Smilacina stellata</i> (L.) Desf.					
<i>Malvastrum hispidum</i> (Pursh) Hochr.	Hispid falsemallow	G3G5	S1		
syn: <i>Sphaeralcea angusta</i> (Gray) Fern.					
<i>Manfreda virginica</i> (L.) Salisb. ex Rose	False aloe	G5	S2		
syn: <i>Agave virginica</i> L.					
<i>Marshallia obovata</i> (Walt.) Beadle & F.E. Boynt. var. <i>obovata</i>	Obovate marshallia	G4G5T3T5	S2		
All Virginia <i>M. obovata</i> is var. <i>obovata</i>					
<i>Marshallia sp. 1</i>	A piedmont Marshallia	GNR	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		
All Virginia <i>M. struthiopteris</i> is var. <i>pennsylvanica</i>					

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<i>Melica nitens</i> (Scribn.) Nutt. ex Piper	Three-flower melic	G5	S1S2		
<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	S1		
<i>Mimosa quadrivalvis</i> L. var. <i>angustata</i> (Torr. & Gray) Barneby	Little-leaf sensitive-briar	G5T5	S2		
syn: <i>Schrankia microphylla</i> (Dry.) J.F. MacBr., under <i>Mimosa microphylla</i> Dry. In Kartesz (1999). All Virginia <i>M. quadrivalvis</i> is var. <i>angustata</i>					
<i>Mimulus moschatus</i> Dougl. ex Lindl.	Muskflower	G5	S1		
<i>Minuartia caroliniana</i> (Walt.) Mattf.	Pine-barren sandwort	G5	SH		
syn: <i>Arenaria caroliniana</i> Walt.					
<i>Minuartia groenlandica</i> (Retz.) Ostenf.	Mountain sandwort	G5	S1		
syn: <i>Arenaria groenlandica</i> (Retz.) Spreng.					
<i>Mitreola petiolata</i> (J.F. Gmel.) Torr. & Gray	Lax hornpod	G5	S1		
syn: <i>Cynoctonum mitreola</i> (L.) Britt.					
<i>Mitreola sessilifolia</i> (J.F. Gmel.) G. Don	Sessile-leaved hornpod	G4G5	S1		
syn: <i>Cynoctonum sessilifolium</i> J.F. Gmel.					
<i>Moehringia lateriflora</i> (L.) Fenzl	Grove sandwort	G5	S1		
syn: <i>Arenaria lateriflora</i> L. Under <i>Morella. cerifera</i> L. in Kartesz (1999)					
<i>Muhlenbergia bushii</i> Pohl	Bush's muhly	G5	S1		
Includes <i>M. brachyphylla</i> Bush					
<i>Muhlenbergia cuspidata</i> (Torr. ex Hook.) Rydb.	Plains muhly	G4	S2		
<i>Muhlenbergia expansa</i> (Poir.) Trin.	Cut-over muhly	G5T5	SH		
syn: <i>M. capillaris</i> (Lam.) Trin. var. <i>trichopodes</i> (Ell.) Vasey					
<i>Muhlenbergia glabrifloris</i> Scribn.	Smooth muhly	G4?	SH		
syn: <i>Muhlenbergia glabriflora</i> Scribn.					
<i>Muhlenbergia glomerata</i> (Willd.) Trin.	Marsh muhly	G5	S2		
<i>Myrica cerifera</i> L. var. <i>pumila</i> Michaux	Dwarf southern bayberry	G5T?	S1		
<i>Myriophyllum humile</i> (Raf.) Morong	Low water-milfoil	G5	S1		
<i>Myriophyllum laxum</i> Shuttlw. ex Chapm.	Loose water-milfoil	G3	S1		
<i>Myriophyllum tenellum</i> Bigelow	Slender water-milfoil	G5	S1		
<i>Napaea dioica</i> L.	Glade mallow	G4	S1?		
<i>Neobeckia aquatica</i> (Eat.) Greene	Lake-cress	G4?	SH		
syn: <i>Armoracia lacustris</i> (Gray) Al-Shehbaz & Bates syn: <i>A. aquatica</i> (Eat.) Wieg.					
<i>Nestronia umbellula</i> Raf.	Nestronia	G4	S1		LE
<i>Nuphar sagittifolia</i> (Walt.) Pursh	Narrow-leaved spatterdock	G5T2	S1		LT
syn: <i>Nuphar lutea</i> (L.) Sm. ssp. <i>sagittifolia</i> (Walt.) E.O. Beal					

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<i>Nymphoides aquatica</i> (J.F. Gmel.) Kuntze	Big floating-heart	G5	S1		
<i>Oldenlandia boscii</i> (DC.) Chapman syn: <i>Hedyotis boscii</i> DC.	Bosc's bluets	G5	S1		
<i>Oligoneuron rigidum</i> (L.) Small var. <i>glabratum</i> (E.L. Braun) Nesom syn: <i>Solidago rigida</i> L. var. <i>glabrata</i> E.L. Braun	Southeastern stiff goldenrod	G5T4	S1		
<i>Oligoneuron rigidum</i> (L.) Small var. <i>rigidum</i> syn: <i>Solidago rigida</i> L.	Stiff goldenrod	G5T5	S2		
<i>Onosmodium virginianum</i> (L.) DC.	Virginia false-gromwell	G4	S2		
<i>Ophioglossum petiolatum</i> Hook.	Longstem adder's-tongue	G5	S1		
<i>Ophioglossum pusillum</i> Raf. syn: <i>O. vulgatum</i> L. var. <i>pseudopodium</i> (Blake) Farw.	Northern adder's tongue	G5	S1		
<i>Orbexilum onobrychis</i> (Nutt.) Rydb. syn: <i>Psoralea onobrychis</i> Nutt.	Lanceleaf scurfpea	G5	S1		
<i>Orthilia secunda</i> (L.) House syn: <i>Pyrola secunda</i> L.	One-sided pyrola	G5	SH		
<i>Oryzopsis asperifolia</i> Michx.	White-grained mountain ricegrass	G5	S1		
<i>Osmanthus americanus</i> (L.) Benth. & Hook f. ex Gray var. <i>americanus</i>	Wild olive	G5T5	S1		
<i>Osmunda cinnamomea</i> L. var. <i>glandulosa</i> Waters	Glandular cinnamon fern	G5TNR	S1		
<i>Oxyopolis denticulata</i> (Baldwin) J.R. Edmondson syn: <i>O. ternata</i> ; Given as <i>O. filiformis</i> (Walt.) Britt. in Harvill et al. (1992)	Savanna cowbane	G3	SH		
<i>Packera millefolium</i> (Torr. & Gray) Weber & Löve syn: <i>Senecio millefolium</i> Torr. & Gray	Yarrow-leaved ragwort	G2	S2		
<i>Panicum hemitomum</i> J.A. Schultes	Maidencane	G5?	S2		
<i>Parnassia grandifolia</i> DC.	Large-leaved grass-of-parnassus	G3	S2		
<i>Paronychia virginica</i> Spreng.	Yellow nailwort	G4	S1		
<i>Paspalum bifidum</i> (Bertol.) Nash	Pitchfork paspalum	G5	SH		
<i>Paspalum dissectum</i> (L.) L.	Water paspalum	G4?	S2		
<i>Paspalum distichum</i> L.	Joint paspalum	G5	S2		
<i>Paspalum praecox</i> Walt.	Early paspalum	G4	S1		
<i>Paxistima canbyi</i> Gray syn: <i>Pachistima canbyi</i>	Canby's mountain-lover	G2	S2		
<i>Pediomelum canescens</i> (Michx.) Rydb. syn: <i>Psoralea canescens</i> Michx.	Hoary scurfpea	G3G4	S1		
<i>Penstemon australis</i> Small	Southern beardtongue	G5	S2		
<i>Penstemon calycosus</i> Small	Long-sepal beardtongue	G5	S1		

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<i>Phacelia covillei</i> S. Watson ex A. Gray	Eastern buttercup phacelia	G3	S1		
<i>Phacelia fimbriata</i> Michx.	Fringed scorpion-weed	G4	S2		
<i>Phalaris caroliniana</i> Walt.	May grass	G5?	SH		
<i>Phanopyrum gymnocarpon</i> (Ell.) Nash	Clustered panic grass	G5	S1		
syn: <i>Panicum gymnocarpum</i> Ell.					
<i>Phemeranthus</i> sp. 1	Piedmont fame-flower	GNR	S1		
<i>Phlox amplifolia</i> Britt.	Large-leaved phlox	G3G5	S2		
<i>Phlox buckleyi</i> Wherry	Sword-leaved phlox	G2	S2		
<i>Phlox pilosa</i> L. var. <i>pilosa</i>	Downy phlox	G5T5	S2		
All Virginia <i>P. pilosa</i> is var. <i>pilosa</i>					
<i>Phyla nodiflora</i> (L.) Greene	Common frog-fruit	G5	S1		
syn: <i>Lippia nodiflora</i> (L.) Michx.					
<i>Physalis walteri</i> Nutt.	Dune ground-cherry	G4	S2		
syn: <i>P. maritima</i> M.A. Curtiss,					
syn: <i>P. viscosa</i> L. ssp. <i>maritima</i> (M.A. Curtiss) Waterfall					
<i>Pinus palustris</i> P. Mill.	Long-leaf pine	G5	S1		
syn: <i>P. australis</i> Michx. f.					
<i>Pityopsis graminifolia</i> (Michx.) Nutt. var. <i>tenuifolia</i> Torr.) Semple & Bowers	Grass-leaved goldenaster	G5T5?	S1		
<i>Plantago cordata</i> Lam.	Heart-leaved plantain	G4	SH		
<i>Plantago maritima</i> L. var. <i>juncooides</i> (Lam.) Gray	Seaside plantain	G5T5	S1		
All Virginia <i>P. maritima</i> is var. <i>juncooides</i>					
<i>Platanthera blephariglottis</i> (Willd.) Lindl.	Large white fringed orchid	G4G5	S1		
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	S1		
syn: <i>Habenaria fimbriata</i> (Ait.) R. Br. ex Ait. f.					
syn: <i>Habenaria psycodes</i> (L.) Spreng. var. <i>grandiflora</i> (Bigelow) Gray					
<i>Platanthera leucophaea</i> (Nutt.) Lindl.	Prairie fringed orchid	G3	S1	LT	LT
syn: <i>Habenaria leucophaea</i> (Nutt.) Gray					
<i>Platanthera peramoena</i> (Gray) Gray	Purple fringeless orchid	G5	S2		
syn: <i>Habenaria peramoena</i> Gray					
<i>Platanthera shriveri</i> P.M. Brown	Shriver's frilly orchid	GNR	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.	Drooping bluegrass	G5	S2		

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Includes <i>P. languida</i> A.S. Hitchc.					
<i>Polanisia dodecandra</i> (L.) DC. ssp. <i>dodecandra</i>	Common clammy-weed	G5T5?	S2		
All Virginia <i>P. dodecandra</i> is ssp. <i>dodecandra</i>					
<i>Polygala brevifolia</i> Nutt.	Little-leaf milkwort	G4G5	SH		
<i>Polygala ramosa</i> Ell.	Low pinebarren milkwort	G5	SH		
<i>Polygonella polygama</i> (Vent.) Engelm. & Gray	October-flower	G4	S1		
<i>Polygonum glaucum</i> Nutt.	Sea-beach knotweed	G3	S1S2		
<i>Populus tremuloides</i> Michx.	Quaking aspen	G5	S2		
<i>Porteranthus stipulatus</i> (Muhl. ex Willd.) Britt. syn: <i>Gillenia stipulata</i> (Muhl. ex Willd.) Nutt.	American ipecac	G5	S1		
<i>Portulaca smallii</i> P. Wilson	Small's purslane	G3	S1		
<i>Potamogeton amplifolius</i> Tuckerman	Large-leaf pondweed	G5	S1S2		
<i>Potamogeton friesii</i> Rupr.	Fries' pondweed	G4	SH		
<i>Potamogeton hillii</i> Morong	Hill's pondweed	G3	S1		
<i>Potamogeton oakesianus</i> J.W. Robbins	Oakes pondweed	G4	S2		
<i>Potamogeton robbinsii</i> Oakes	Flatleaf pondweed	G5	SH		
<i>Potamogeton spirillus</i> Tuckerman	Spiral pondweed	G5	S1		
<i>Potamogeton strictifolius</i> Benn.	Straight-leaf pondweed	G5	S1		
<i>Potamogeton tennesseensis</i> Fern.	Tennessee pondweed	G2	S1		
<i>Potamogeton zosteriformis</i> Fern.	Flatstem pondweed	G5	S1		
<i>Potentilla arguta</i> Pursh	Tall cinquefoil	G5	S1		
<i>Prenanthes autumnalis</i> Walt.	Slender rattlesnake-root	G4G5	S2		
<i>Prunus maritima</i> Marshall	Beach plum	G4	S1		
<i>Prunus nigra</i> Ait.	Canada plum	G4G5	S1		
<i>Prunus pumila</i> L. var. <i>susquehanae</i> (Hort. Ex Willd.) Jaeger syn: <i>Prunus susquehanae</i> hort. ex Willd.	Susquehanna cherry	G5T4	S1		
<i>Pseudognaphalium helleri</i> (Britt.) A. Anderb. Includes var. <i>helleri</i> and var. <i>micradenium</i> (Weatherby) Mahler	Catfoot	G4G5	S1		
<i>Pseudognaphalium macounii</i> (Greene) Kartesz syn: <i>G. viscosum</i> Kunth	Winged cudweed	G5	S1		
<i>Pseudolycopodiella caroliniana</i> (L.) Holub syn: <i>Lydopodium carolinianum</i> L. syn: <i>Lycopodiella caroliniana</i> (L.) Pichi Sermolli	Slender clubmoss	G5	SH		
<i>Ptilimnium nodosum</i> (Rose) Mathias	Harperella	G2	S1	LE	LE

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
Virginia plants may be designated as <i>Ptilimnium fluviatile</i> (Rose) Mathias, if recognized as distinct from <i>P. nodosum</i> .					
<i>Puccinellia fasciculata</i> (Torr.) Bickn.	Salt marsh goosegrass	G3G5	S1		
<i>Pycnanthemum clinopodioides</i> Torr. & Gray	Basil mountain-mint	G2	S1		
<i>Pycnanthemum monotrichum</i> Fern.	A mountain-mint	GHQ	SH		
<i>Pycnanthemum montanum</i> Michx.	Appalachian mountain-mint	G3G5	S2		
<i>Pycnanthemum setosum</i> Nutt.	Awned mountain-mint	G4	S1		
<i>Pycnanthemum torrei</i> Benth.	Torrey's mountain mint	G2	S2?		
<i>Pyrola chlorantha</i> Sw.	Greenish-flowered pyrola	G5	SH		
syn: <i>P. virens</i> Schreb.					
<i>Pyrola elliptica</i> Nutt.	Shinleaf	G5	S2		
<i>Pyxidantha barbulata</i> Michx.	Flowering pixie-moss	G4	S1		
syn: <i>P. barbatula</i> is var. <i>barbatula</i>					
<i>Quercus hemisphaerica</i> Bartr. ex Willd.	Darlington's 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		
<i>Quercus prinoides</i> Willd.	Dwarf chinkapin oak	G5	S1		
<i>Ranunculus ambigens</i> S. Wats.	Water-plantain crowfoot	G4	S1		
<i>Ranunculus aquatilis</i> L. var. <i>diffusus</i> Withering	White water crowfoot	G5TNR	S1		
Given as <i>R. aquatilis</i> L. in Harvill et al. (1992).					
<i>Ranunculus hederaceus</i> L.	Ivy-leaved water crowfoot	G5	SH		
<i>Ranunculus laxicaulis</i> (Torr. & Gray) Darby	Mississippi buttercup	G5?	S1		
<i>Rhamnus alnifolia</i> L'Her.	Alderleaf buckthorn	G5	S1		
<i>Rhamnus lanceolata</i> Pursh var. <i>glabrata</i> Gleason	Smooth lance-leaved buckthorn	G5T4T5	S1		
Most Virginia <i>R. lanceolata</i> is var. <i>lanceolata</i> (see watchlist)					
<i>Rhexia petiolata</i> Walt.	Ciliate meadow-beauty	G5?	S1		
<i>Rhododendron arborescens</i> (Pursh) Torr.	Smooth azalea	G4G5	S2		
<i>Rhus michauxii</i> Sarg.	Michaux's sumac	G2G3	S1	LE	LT
<i>Rhynchospora alba</i> (L.) Vahl	White beakrush	G5	S2		
<i>Rhynchospora capillacea</i> Torr.	Horned beakrush	G4	S1		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Rhynchospora cephalantha</i> Gray var. <i>attenuata</i> Gale	Small capitate beakrush	G5TNR	S2		
<i>Rhynchospora colorata</i> (L.) H. Pfeiffer syn: <i>Dichromena colorata</i> (L.) Hitchc.	White-topped sedge	G5	S1		
<i>Rhynchospora debilis</i> Gale	Savannah beakrush	G4?	S1		
<i>Rhynchospora fascicularis</i> (Michx.) Vahl	Fasciculate beakrush	G5	S2		
<i>Rhynchospora filifolia</i> Gray	Thread-leaved beakrush	G5	SH		
<i>Rhynchospora grayi</i> Kunth	Gray's beakrush	G4	SH		
<i>Rhynchospora harveyi</i> W. Boott	Harvey's beakrush	G4	S1		
<i>Rhynchospora macrostachya</i> Torr. ex Gray var. <i>macrostachya</i> Does not include <i>R. macrostachya</i> var. <i>colpophila</i> Fern. & Gale	Tall hornedrush	G4TNR	S2		
<i>Rhynchospora miliacea</i> (Lam.) Gray	Millet beakrush	G5	SH		
<i>Rhynchospora nitens</i> (Vahl) Gray syn: <i>Psilocarya nitens</i> (Vahl) Wood	Short-beaked baldrush	G4?	S1		
<i>Rhynchospora oligantha</i> Gray	Few-flowered beakrush	G4	S1		
<i>Rhynchospora pallida</i> M.A. Curtis	Pale beakrush	G3	SH		
<i>Rhynchospora scirpoides</i> (Torr.) Gray syn: <i>Psilocarya scirpoides</i> Torr.	Long-beaked baldrush	G4	S1		
<i>Rhynchospora stenophylla</i> Chapman	Coastal bog beaksedge	G4	S1		
<i>Rhynchospora wrightiana</i> Boeckl.	Wright's beakrush	G5	S1		
<i>Ribes americanum</i> P. Mill.	Wild black currant	G5	S1		
<i>Ribes lacustre</i> (Pers.) Poir.	Bristly black currant	G5	S1?		
<i>Rorippa sessiliflora</i> (Nutt.) A.S. Hitchc.	Stalkless yellow-cress	G5	S1		
<i>Rosa setigera</i> Michx.	Prairie rose	G5	S1		
<i>Rubus idaeus</i> L. ssp. <i>strigosus</i> (Michx.) Focke	Red raspberry	G5T5	S2		
<i>Rudbeckia heliopsidis</i> Torr. & Gray	Sun-facing coneflower	G2	S1		
<i>Rudbeckia triloba</i> L. var. <i>pinnatiloba</i> Torr. & Gray	Pinnate-lobed coneflower	G5T3	S1		
<i>Sabatia campanulata</i> (L.) Torr.	Slender marsh rose-pink	G5	S2		
<i>Sabatia difformis</i> (L.) Druce	Two-formed rose-pink	G4G5	S1		
<i>Saccharum coarctatum</i> (Fern.) R. Webster syn: <i>Erianthus coarctatus</i> Fern. syn: <i>Erianthus coarctatus</i> var. <i>elliottianus</i> Fern.	Bunched plumegrass	G5?	S1?		

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<i>Sagittaria calycina</i> Engelm. var. <i>calycina</i> syn: <i>Lophotocarpus calycinus</i> (Engelm.) J.G. Sm.	Long-lobe arrowhead	G5T5?	S1		
<i>Sagittaria calycina</i> Engelm. var. <i>spongiosa</i> Engelm. syn: <i>Lophotocarpus spongiosus</i> (Engelm.) J.G. Sm., Given as <i>S. spathulata</i> in Harvill et al. (1992)	An arrowhead	G5T4	S1		
<i>Sagittaria engelmanniana</i> J.G. Sm.	Engelmann arrowhead	G5?	SH		
<i>Sagittaria rigida</i> Pursh	Sessile-fruited arrowhead	G5	S1		
<i>Salix discolor</i> Muhl.	Pussy willow	G5	S1		
<i>Salix exigua</i> Nutt. syn: <i>S. interior</i> Rowlee	Sandbar willow	G5	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. var. <i>purpurea</i>	Northern purple pitcher-plant	G5T3T5	S2?		
<i>Sarracenia purpurea</i> L. var. <i>venosa</i> (Raf.) Fern.	Southern purple pitcher-plant	G5TNR	S2		
<i>Saxifraga careyana</i> Gray	Carey saxifrage	G3	S2?		
<i>Schizachne purpurascens</i> (Torr.) Swallen	Purple oat-grass	G5	S1		
<i>Schoenoplectus acutus</i> (Muhl. ex Bigelow) Love & Love var. <i>acutus</i> syn: <i>Scirpus acutus</i> Muhl. ex Bigelow	Hard-stemmed bulrush	G5T5	S1		
<i>Schoenoplectus etuberculatus</i> (Steud.) Sojak syn: <i>Scirpus etuberculatus</i> (Steud.) Kuntze	Canby's bulrush	G3G4	SH		
<i>Schoenoplectus fluviatilis</i> (Torr.) M.T. Strong syn: <i>Bolboschoenus fluviatilis</i> (Torr.) J. Sojak syn: <i>Scirpus fluviatilis</i> (Torr.) Gray	River bulrush	G5	S2		
<i>Schoenoplectus smithii</i> (Gray) Sojak syn: <i>Scirpus smithii</i> Gray	Smith's bulrush	G5?	SH		
<i>Schoenoplectus subterminalis</i> (Torr.) Sojak syn: <i>Scirpus subterminalis</i> Torr.	Water bulrush	G4G5	S1S2		
<i>Schoenoplectus torreyi</i> (Olney) Palla syn: <i>Scirpus torreyi</i> Olney	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 syn: <i>S. atrovirens</i> Willd. var. <i>flaccidifolius</i> Fern.	Reclining bulrush	G2	S1		LT
<i>Scleria ciliata</i> Michx. var. <i>ciliata</i>	Fringed nutrush	G5TNR	S1		
<i>Scleria minor</i> W. Stone	Slender nutrush	G4	S2		
<i>Scleria pauciflora</i> Muhl. ex Willd. var. <i>caroliniana</i> (Willd.) Wood	Carolina nutrush	G5T4T5	S1		
<i>Scleria verticillata</i> Muhl. ex Willd.	Whorled nutrush	G5	S2		

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<i>Sclerolepis uniflora</i> (Walt.) B.S.P.	One-flower sclerolepis	G4	S1		
<i>Scutellaria arguta</i> Buckl.	Sharp-leaved skullcap	G1?Q	SH		
<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. var. <i>parvula</i> Does not include <i>S. parvula</i> Michx. var. <i>leonardii</i> (Epling) Fern.	Small skullcap	G4T4	S1		
<i>Seymeria cassioides</i> (J.F. Gmel.) Blake	Seymeria	G5	S1S2		
<i>Sibbaldiopsis tridentata</i> (Ait.) Rydb. syn: <i>Potentilla tridentata</i> Ait.	Three-toothed cinquefoil	G5	S2		
<i>Sida elliotii</i> Torr. & Gray Virginia material is referable to <i>Sida inflexa</i> Fern., but treated here as an anomalous form of <i>S. elliotii</i> . Varietal status may be warranted for Virginia plants.	Elliott sida	G4G5	S1		
<i>Sida hermaphrodita</i> (L.) Rusby	Virginia mallow	G3	S1		
<i>Silene nivea</i> (Nutt.) Muhl. ex Otth	Snowy campion	G4?	S1		
<i>Silene ovata</i> Pursh	Ovate catchfly	G3	S1		
<i>Silene rotundifolia</i> Nutt.	Roundleaf catchfly	G4	S2		
<i>Silphium terebinthinaceum</i> Jacq.	Prairie rosinweed	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 greenbrier	G5?	S1		
<i>Smilax smallii</i> Morong	Small's greenbrier	G5?	SH		
<i>Solidago gracillima</i> Torr. & Gray Includes <i>S. perlonga</i> Fern.	Southern bog goldenrod	G4?	S2		
<i>Solidago latissimifolia</i> P. Mill. syn: <i>S. elliotii</i> Torr. & Gray	Elliott goldenrod	G5	S2		
<i>Solidago patula</i> Muhl. ex Willd. var. <i>strictula</i> Torr. & Gray syn: <i>S. salicina</i> Ell.	Rough-leaved goldenrod	G5T5	S1		
<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	G5T3?	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	G5T4	S2S3		

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<i>Solidago rupestris</i> Raf.	Riverbank goldenrod	G4?	S1		
Under <i>S. altissima</i> L. in Radford et al. (1968)					
<i>Solidago tortifolia</i> Ell.	Leafy pinewoods goldenrod	G4G5	S1		
<i>Solidago uliginosa</i> Nutt. var. <i>uliginosa</i>	Bog goldenrod	G4G5T4T5	S2		
All Virginia <i>S. uliginosa</i> is var. <i>uliginosa</i>					
<i>Sparganium chlorocarpum</i> Rydb.	Narrow-leaf burreed	GNR	S1		
<i>Spartina pectinata</i> Link	Freshwater cordgrass	G5	S2		
<i>Spermacoce glabra</i> Michx.	Smooth buttonweed	G4G5	S1		
<i>Spermolepis divaricata</i> (Walt.) Raf. ex Ser.	Rough-fruit spermolepis	G5	S1?		
<i>Sphenopholis filiformis</i> (Chapman) Scribn.	Long-leaf wedge grass	G4?	SH		
<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	SH		
<i>Spiranthes lucida</i> (H.H. Eat.) Ames	Shining ladies'-tresses	G5	S1		
<i>Spiranthes magnicamporum</i> Sheviak	Great Plains ladies'-tresses	G4	S1		
<i>Spiranthes ochroleuca</i> (Rydb.) Rydb.	Yellow nodding ladies'-tresses	G4	S1		
<i>Sporobolus compositus</i> (Poir.) Merr. var. <i>compositus</i>	Longleaf dropseed	G5T5	S1S2		
syn: <i>S. asper</i> (Beauv.) Kunth, All Virginia <i>S. compositus</i> is var. <i>compositus</i>					
<i>Sporobolus heterolepis</i> (Gray) Gray	Northern dropseed	G5	S1		
<i>Sporobolus junceus</i> (Beauv.) Kunth	Purple dropseed	G5	S1		
<i>Sporobolus neglectus</i> Nash	Small dropseed	G5	S2		
<i>Stachys aspera</i> Michx.	Rough hedgenettle	G4?	S2		
syn: <i>S. hyssoifolia</i> Michx. var. <i>ambigus</i> Gray					
<i>Stachys eplingii</i> J. Nelson	Epling's hedgenettle	G5	S1		
<i>Stachys arenicola</i> Britt.	Marsh hedgenettle	G5T4?	S1		
Given as <i>S. palustris</i> L. in Harvill et al. (1992)					
<i>Stachys</i> sp. 1 sp. nov.	Yadkin hedgenettle	GNR	S1		
New, unnamed southeastern <i>Stachys</i> species					
<i>Steinchisma hians</i> (Ell.) Nash	Gaping panic grass	G5	S1		
syn: <i>Panicum hians</i> Ell.					
<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 scaly-pink	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		

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<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	Snowberry	G5T5	S2		
<i>Symphotrichum 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>Symphotrichum ontarionis</i> (Wiegand) Nesom var. <i>ontarionis</i>	Ontario Aster	G5	S1		
<i>Symphotrichum praealtum</i> (Poiret) Nesom var. <i>angustior</i> (Wiegand) Nesom syn: <i>Aster praealtus</i> Poir. var. <i>angustior</i> Wieg.	Willow aster	G5T4	S1		
<i>Symphotrichum pratense</i> (Raf.) Nesom syn: <i>Aster pratensis</i> Raf. syn: <i>A. sericeus</i> Vent. var. <i>microphyllus</i> DC.	Silky aster	G4?	S1		
<i>Symphotrichum shortii</i> (Lindl.) Nesom syn: <i>Aster shortii</i> Lindl.	Short's aster	G4G5	S1		
<i>Synandra hispidula</i> (Michx.) Baill.	Gyandotte beauty	G4	S2		
<i>Taxodium ascendens</i> Brongn. single tree remaining at only known site	Pond cypress	G5	S1		
<i>Tetragonotheca helianthoides</i> L.	Pineland squarehead	G5	S1		
<i>Thalictrum macrostylum</i> Small & Heller	Small-leaved meadowrue	G3G4	S1		
<i>Thelypteris simulata</i> (Davenport) Nieuwl.	Bog fern	G4G5	S1S2		
<i>Tillandsia usneoides</i> (L.) L.	Spanish moss	G5	S2		
<i>Toxicodendron rydbergii</i> (Small ex Rydb.) Greene	Western poison ivy	G5	S1		
<i>Triadenum fraseri</i> (Spach) Gleason Under <i>Hypericum virginicum</i> L. in Fernald (1950)	Fraser's marsh St. John's-wort	G5	S1		
<i>Triadenum tubulosum</i> (Walt.) Gleason syn: <i>Hypericum tubulosum</i> Walt.	Large marsh St. John's-wort	G4?	S1		
<i>Triantha glutinosa</i> (Michx.) Pers. syn: <i>Tofieldia glutinosa</i> (Michx.) Pers.	Sticky false-asphodel	G4G5	S1		
<i>Triantha racemosa</i> (Walt.) B.S.P. syn: <i>Tofieldia racemosa</i> (Walt.) B.S.P.	Coastal false-asphodel	G5	S1		
<i>Trichomanes boschianum</i> Sturm	Appalachian filmy fern	G4	S1		
<i>Trichostema setaceum</i> Houtt.	Narrow-leaved blue-curly	G5	S2		
<i>Tridens chapmanii</i> (Small) Chase syn: <i>T. flavus</i> (L.) A.S. Hitchc. var. <i>chapmanii</i> (Small) Shinnars, syn: <i>Triodia chapmanii</i> (Small) Bush	Chapman's redtop	G5T3	SH		

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<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	S1		
<i>Trillium nivale</i> Riddell	Snow trillium	G4	S1		
<i>Trillium pusillum</i> Michx. var. <i>virginianum</i> Fern.	Virginia least trillium	G3T2	S2		
Includes var. <i>moniticulum</i> Bodkin & Reveal					
<i>Triphora trianthophora</i> (Sw.) Rydb.	Nodding pogonia	G3G4	S1		
<i>Trisetum spicatum</i> (L.) Richter	Narrow false oats	G5	S1		
<i>Utricularia juncea</i> Vahl	Southern bladderwort	G5	S2		
<i>Utricularia olivacea</i> C. Wright ex Griseb.	Minute bladderwort	G4	SH		
<i>Utricularia purpurea</i> Walt.	Purple bladderwort	G5	S2		
<i>Utricularia striata</i> Le Conte ex Torr.	Fibrous bladderwort	G4G5	S1		
syn: <i>U. fibrosa</i> Walt.					
<i>Vaccinium crassifolium</i> Andr.	Creeping blueberry	G4G5	S1		
<i>Vaccinium macrocarpon</i> Ait.	Large cranberry	G4	S2		
<i>Vaccinium myrtilloides</i> Michx.	Velvetleaf blueberry	G5	S1S2		
<i>Valeriana pauciflora</i> Michx.	Pink valerian	G4	S2		
<i>Verbena scabra</i> Vahl	Sandpaper vervain	G5	S2		
<i>Verbena riparia</i> Raf. ex Small & Heller	River-bank vervain	GUGHQ	SH		
<i>Veronica scutellata</i> L.	Marsh speedwell	G5	S1		
<i>Viburnum lentago</i> L.	Nannyberry	G5	SH		
<i>Vicia americana</i> Muhl. ex Willd. ssp. <i>americana</i>	American purple vetch	G5T5	S1S2		
All Virginia <i>V. americana</i> is ssp. <i>americana</i>					
<i>Viola pedatifida</i> G. Don	Crowfoot violet	G5	S1		
<i>Viola walteri</i> House	Prostrate blue violet	G4G5	S2		
<i>Vitis rupestris</i> Scheele	Sand grape	G3	S1?		
<i>Wisteria frutescens</i> (L.) Poir.	American wisteria	G5	S2		
<i>Wolfia columbiana</i> Karst.	Columbia watermeal	G5	S1		
<i>Xyris caroliniana</i> Walt.	Carolina yellow-eyed-grass	G4G5	S1		
<i>Xyris difformis</i> Chapman var. <i>curtissii</i> (Malme) Kral	Curtiss' yellow-eyed-grass	G5T5	S1		
syn: <i>X. curtissii</i> Malme					
<i>Xyris fimbriata</i> Ell.	Fringed yellow-eyed-grass	G5	S1		
<i>Xyris laxifolia</i> Mart. var. <i>iridifolia</i> (Chapman) Kral	Irileaf yellow-eyed-grass	G4G5T4T5	S1		
syn: <i>Xyris iridifolia</i> Chapman					
<i>Xyris platylepis</i> Chapman	Tall yellow-eyed-grass	G5	S2		
<i>Zenobia pulverulenta</i> (Bartr. ex Willd.) Pollard	Dusty zenobia	G4?	S1		

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Zigadenus densus</i> (Desr.) Fern.	Dense-flowered camas	G5	S1		
<i>Zigadenus glaberrimus</i> Michx.	Large-flowered camas	G5	S1		
<i>Zigadenus leimanthoides</i> Gray	Death camas	G4Q	S1		
<i>Zornia bracteata</i> J.F. Gmel.	Viperina	G5?	S1		

PART TWO:
VASCULAR PLANT WATCH LIST

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Acalypha deamii</i> (Weatherby) Ahles	Deam's three-seeded mercury	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. var. <i>scabra</i>	Rough bentgrass	G5T5	S3?		
<i>Amelanchier sanguinea</i> (Pursh) DC. var. <i>sanguinea</i>	Roundleaf serviceberry	G5T5	S3		
All Virginia <i>A. sanguinea</i> is var. <i>sanguinea</i>					
<i>Ampelopsis arborea</i> (L.) Koehne	Peppervine	G5	S3		
<i>Amsonia tabernaemontana</i> Walt. var. <i>tabernaemontana</i>	Eastern blue dogbane	G5T5	S3		
<i>Andropogon perangustatus</i> Nash	Narrow-leaved bluestem	G5T4	S3		
syn: <i>A. gyrans</i> Ashe var. <i>stenophyllus</i> (Hack.) C. Cambell					
<i>Anemone quinquefolia</i> L. var. <i>minima</i> (DC.) Frodin	Dwarf anemone	G5T3	S3		
<i>Aristida lanosa</i> Muhl. ex Ell.	Woolly three-awn grass	G5	S3		
<i>Aristida tuberculosa</i> Nutt.	Seabeach needlegrass	G5	S3		
<i>Asclepias incarnata</i> L. ssp. <i>incarnata</i>	Swamp milkweed	G5T5	S3		
<i>Asclepias lanceolata</i> Walt.	Smooth orange milkweed	G5	S3		
<i>Asimina parviflora</i> (Michx.) Dunal	Dwarf paw-paw	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 woodmint	G5?	S3		
<i>Boltonia asteroides</i> (L.) L'Her var. <i>glastifolia</i> (Hill) Fern.	Aster-like boltonia	G5T4T5	S3		
<i>Brachyelytrum aristosum</i> (Michx.) Trelease in Branner & Coville	Northern shorthusk	G4G5	S3		
syn: <i>Brachyelytrum septentrionale</i> (Babel) G. Tucker					
<i>Bulbostylis ciliatifolia</i> (Ell.) Fern. var. <i>ciliatifolia</i>	Capillary hairsedge	G5T3T5	S3?		
Under <i>B. ciliatifolia</i> (Ell.) Fern. in Radford <i>et al.</i> (1968)					
<i>Callitriche palustris</i> L.	Marsh water-starwort	G5	S3		
syn: <i>C. verna</i> L.					
<i>Cardamine douglassii</i> Britt.	Purple cress	G5	S3		
<i>Carex bushii</i> Mackenzie	Bush's sedge	G4	S3		
<i>Carex canescens</i> L. ssp. <i>disjuncta</i> (Fern.) Toivonen	Silvery sedge	G5T4?	S3		
<i>Carex careyana</i> Torr. ex Dewey	Carey's sedge	G4G5	S3		
<i>Carex collinsii</i> Nutt.	Collins' sedge	G4	S3		
<i>Carex conjuncta</i> Boott	Soft fox sedge	G4G5	S3		
<i>Carex floridana</i> Schwein.	A sedge	G5?	S3		
syn: <i>Carex nigromarginata</i> Schwein. var. <i>floridana</i> (Schwein.) Kukenth.					

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Carex leptonevia</i> (Fern.) Fern.	Finely-nerved sedge	G4	S3		
<i>Carex lucorum</i> Willd. ex Link var. <i>australucorum</i> J. Rettig	Appalachian woodland sedge	G4T3T5	S3		
syn: <i>C. pennsylvanica</i> Lam. var. <i>distans</i> Peck					
<i>Carex meadii</i> Dewey	Mead's sedge	G4G5	S3		
<i>Carex pedunculata</i> Muhl. ex Willd.	Longstalk sedge	G5	S3		
<i>Carex pellita</i> Muhl. ex Willd.	Wooly sedge	G5	S3		
<i>Carex purpurifera</i> Mackenzie	Purple sedge	G4?	S3		
<i>Carex ruthii</i> Mackenzie	Ruth's sedge	G3	S3		
Under <i>C. muricata</i> L. in Harvill <i>et al.</i> (1992) and Radford <i>et al.</i> (1968)					
<i>Carex shortiana</i> Dewey	Short's sedge	G5	S3		
<i>Carex striata</i> Michx. var. <i>brevis</i> Bailey	A sedge	G4G5T4?	S3		
syn: <i>C. walteriana</i> Bailey var. <i>brevis</i> (Bailey) Bailey					
All Virginia <i>C. striata</i> is var. <i>brevis</i>					
<i>Carex</i> sp. 4 sp. nov.	A sedge	G?	S3S4		
Coastal plain species in Section <i>Acrocystis</i> (<i>Montanae</i>)					
<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-seed sedge	G5T5	S3		
<i>Carex venusta</i> Dewey var. <i>minor</i> Boeckl.	Dark green sedge	G4T4	S3?		
<i>Carex venusta</i> Dewey var. <i>venusta</i>	Dark green sedge	G4T4?	S3?		
<i>Castilleja coccinea</i> (L.) Spreng.	Eastern Indian-paintbrush	G5	S3		
<i>Cenchrus spinifex</i> Cav.	Coastal sandbur	GNR	S3		
syn: <i>C. incertus</i> M.A. Curtis					
<i>Chamaecrista fasciculata</i> (Michx.) Greene var. <i>macroperma</i> (Fern.) C.F. Reed	Marsh senna	G5T3	S3		
syn: <i>Cassia fasciculata</i> Michx. var. <i>macroperma</i> Fern.					
<i>Chamaecyparis thyoides</i> (L.) B.S.P.	Atlantic white-cedar	G4	S3		
Under <i>C. pratericola</i> Rydberg in Harvill <i>et al.</i> (1992)					
<i>Chenopodium simplex</i> (Torr.) Raf.	Giant-seed goosefoot	G5	S3		
Under <i>C. hybridum</i> L. in Fernald (1950), syn: <i>C. gigantospermum</i> Aellen					
<i>Cinna latifolia</i> (Trev. ex Goepp.) Griseb.	Slender wood reedgrass	G5	S3		
<i>Clematis coactilis</i> (Fern.) Keener	Virginia white-haired leatherflower	G3	S3		
<i>Clematis crispa</i> L.	Southern leatherflower	G5	S3		
<i>Corallorrhiza wisteriana</i> Conrad	Spring coralroot	G5	S3		

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Crataegus pruinosa</i> (Wendl. f.) K. Koch	A hawthorn	G5	S3		
Under <i>C. flabellata</i> (Spach.) Kirchn. in Radford et al. (1968)					
<i>Croptilon divaricatum</i> (Nutt.) Raf.	Scratch-daisy	G4G5	S3		
syn: <i>Haplopappus divaricatus</i> (Nutt.) Gray					
<i>Croton monanthogynus</i> Michx.	Prairie-tea	G5	S3		
<i>Cymophyllus fraserianus</i> (Ker-Gawl.) Kartesz & Ghandi	Fraser's sedge	G4	S3		
syn: <i>C. fraseri</i> (Andr.) Mackenzie ex Britt.					
<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	Treelike clubmoss	G5	S3		
syn: <i>Lycopodium dendroideum</i> Michx.					
<i>Dendrolycopodium hickeyi</i> (W.H. Wagner, Beitel & Moran) A. Haines	Hickey's clubmoss	G5	S3?		
syn: <i>Lycopodium hickeyi</i> W.H. Wagner, Beitel, & Moran					
<i>Descurainia pinnata</i> (Walt.) Britt. var. <i>pinnata</i>	Pinnate tansy-mustard	G5T5	S3?		
<i>Desmodium fernaldii</i> Schub.	Fernald's tick-trefoil	G4	S3		
<i>Desmodium lineatum</i> DC.	A tick-trefoil	G5	S3		
<i>Diarrhena americana</i> Beauv.	American beakgrain	G4G5	S3		
Does not include <i>D. obovata</i> (Gleason) Brandenburg					
<i>Dichanthelium fusiforme</i> (Hitchcock) Harvill	Spindle-fruited panic grass	GNR	S3		
syn: <i>Panicum fusiforme</i> A.S. Hitchc., Under <i>D. aciculare</i> (Desv. ex Poir.) Gould & C.A. Clark in Kartesz (1999)					
<i>Dichanthelium oligosanthos</i> (J.A. Schultes) Gould var. <i>oligosanthos</i>	Few-flowered panic grass	G5T5?	S3		
syn: <i>Panicum oligosanthos</i> J.A. Schultes					
<i>Dichanthelium ravenelii</i> (Scribn. & Merr.) Gould	Ravenel's panic grass	G5	S3		
syn: <i>Panicum ravenelii</i> Scribn. & Merr.					
<i>Dichanthelium sabulorum</i> (Lam.) Gould & C.A. Clark var. <i>patulum</i> (Scribn. & Merr.) Gould & C.A. Clark	A panic grass	G5T5	S3		
syn: <i>Panicum lancearium</i> Trin.					

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Dichanthelium scabriusculum</i> (Ell.) Gould & C.A. Clark syn: <i>Panicum scabriusculum</i> Ell. syn: <i>Panicum aculeatum</i> A.S. Hitchc. & Chase,	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.	Wild mudwort	G5	S3		
<i>Diphylleia cymosa</i> Michx.	Umbrella-leaf	G4	S3		
<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	Spoon-leaved 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.	Upright burhead	G5	S3		
<i>Eleocharis albida</i> Torr.	White spikerush	G4G5	S3		
<i>Eleocharis palustris</i> (L.) Roemer & J.A. Schultes	Creeping spikerush	G5	S3?		
<i>Eleocharis rostellata</i> (Torr.) Torr.	Beaked spikerush	G5	S3		
<i>Erigenia bulbosa</i> (Michx.) Nutt.	Harbinger-of-spring	G5	S3		
<i>Eriophorum virginicum</i> L.	Tawny cotton-grass	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 cilinodis</i> (Michx.) Holub syn: <i>Polygonum cilinode</i> Michx.	Fringed black bindweed	G5	S3		
<i>Floerkea proserpinacoides</i> Willd.	False mermaid-weed	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.	Coast 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 Under <i>G. dryopteris</i> (L.) Newman in Harvill <i>et al.</i> (1992)	Appalachian oak fern	G3	S3		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Gymnocladus dioicus</i> (L.) K. Koch	Kentucky coffee-tree	G5	S3		
<i>Gymnopogon brevifolius</i> Trin.	Short-leaved beardgrass	G5	S3		
<i>Helianthus hirsutus</i> Raf.	Stiff-hair sunflower	G5	S3		
<i>Heuchera hispida</i> Pursh	Purple alumroot	G5T3?	S3?		
<i>Heuchera parviflora</i> Bartl. var. <i>parviflora</i>	Small-flowered alumroot	G4T4	S3		
<i>Hexalectris spicata</i> (Walt.) Barnh.	Crested coralroot	G5	S3		
<i>Hexastylis lewisii</i> (Fern.) Blomquist & Oosting	Lewis' heartleaf	G3	S3		
<i>Hottonia inflata</i> Ell.	Featherfoil	G4	S3		
<i>Hydrastis canadensis</i> L.	Golden-seal	G4	S3		
<i>Hydrolea quadrivalvis</i> Walt.	Water-pod	G5	S3		
<i>Hypericum drummondii</i> (Grev. & Hook.) Torr. & Gray	Drummond's St. John's-wort	G5	S3		
<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	A St. John's-wort	G4?	S3		
<i>Ilex vomitoria</i> Ait.	Yaupon holly	G5	S3		
<i>Iresine rhizomatosa</i> Standl.	Eastern bloodleaf	G5	S3		
<i>Iris prismatica</i> Pursh ex Ker-Gwal.	Slender blueflag	G4G5	S3		
<i>Iris versicolor</i> L.	Blueflag	G5	S3		
<i>Isoetes riparia</i> Engelm. ex A. Braun	River-bank 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> Given as <i>J. lanceolata</i> (Chapman) Small in Harvill et al. (1992)	Ovate 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 fusca</i> (L.) Kunth ssp. <i>fascicularis</i> (Lam.) N. Snow syn: <i>L. fascicularis</i> is var. <i>maritima</i>	Long-awned sprangletop	G5T5	S3		
<i>Liatris aspera</i> Michx. var. <i>intermedia</i> (Lunell) Gaiser	Tall blazing-star	G4G5T4T5	S3		
<i>Liatris helleri</i> T.C. Porter	Shale-barren blazing-star	G3	S3		
<i>Lilium philadelphicum</i> L. var. <i>philadelphicum</i>	Wood lily	G5T4T5	S3		

All Virginia *L. philadelphicum* is var. *philadelphicum*

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Linum sulcatum</i> Riddell var. <i>sulcatum</i> All Virginia <i>L. sulcatum</i> is var. <i>sulcatum</i>	Grooved yellow flax	G5T5	S3		
<i>Listera smallii</i> Wieg.	Kidneyleaf twayblade	G4	S3		
<i>Lithospermum latifolium</i> Michx.	American gromwell	G5	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 seedbox	G5	S3		
<i>Ludwigia leptocarpa</i> (Nutt.) Hara	River seedbox	G5	S3		
<i>Ludwigia sphaerocarpa</i> Ell.	Globe-fruited seedbox	G5	S3		
<i>Lygodium palmatum</i> (Bernh.) Sw.	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.	Heartleaf meehania	G5	S3		
<i>Milium effusum</i> L.	Tall millet-grass	G5	S3		
<i>Minuartia patula</i> (Michx.) Mattf. var. <i>patula</i> syn: <i>Arenaria patula</i> Michx. All Virginia <i>M. patula</i> is var. <i>patula</i>	Pitcher's stitchwort	G4T?	S3		
<i>Monotropsis odorata</i> Schwein. ex Ell.	Sweet pinesap	G3	S3		
<i>Myriophyllum pinnatum</i> (Walt.) B.S.P.	Cutleaf water-milfoil	G5	S3		
<i>Nelumbo lutea</i> Willd.	American lotus	G4	S3		
<i>Oenothera nutans</i> Atkinson & Bartlett syn: <i>O. austromontana</i> (Munz.) Raven, W. Dietr. & Stubbe	Nodding evening-primrose	G4	S3		
<i>Ophioglossum engelmannii</i> Prantl	Limestone adder's-tongue	G5	S3		
<i>Packera paupercula</i> (Michx) Á. & D. Löve syn: <i>Senecio pauperculus</i> Michx.	Balsam ragwort	G5	S3?		
<i>Panax quinquefolius</i> L.	American ginseng	G3G4	S3S4		LE
<i>Panicum rigidulum</i> Bosc ex Nees var. <i>combsii</i> (Scribn. & Ball) Lelong syn: <i>P. longifolium</i> Swallen var. <i>combsii</i> (Scribn. & Ball) Fern.	A panic grass	G5T5?	S3?		
<i>Paronychia baldwinii</i> (Torr. & Gray) Fenzl ex Walp.ssp. <i>riparia</i> (Chapman) Chaudhri syn: <i>P. riparia</i> Torr. & Gray, All Virginia <i>P. baldwinii</i> is ssp. <i>riparia</i>	Baldwin's nailwort	G4T4?	S3		
<i>Parthenium integrifolium</i> L. var. <i>mabryanum</i> Mears	A feverfew	G5T3	S3?		
<i>Paspalum bosceanum</i> Fluegge	Bull paspalum	G5	S3		
<i>Pedicularis lanceolata</i> Michx.	Swamp lousewort	G5	S3		

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Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Pellaea glabella</i> Mett. ex Kuhn ssp. <i>glabella</i>	Smooth cliff-brake	G5T5	S3		
All Virginia <i>P. glabella</i> is ssp. <i>glabella</i>					
<i>Penstemon hirsutus</i> (L.) Willd.	Hairy beardtongue	G4	S3		
<i>Phacelia purshii</i> Buckl.	Miami-mist	G5	S3		
<i>Philadelphus hirsutus</i> Nutt.	Streambank mock-orange	G5	S3		
<i>Phlox nivalis</i> Lodd. ex Sweet var. <i>henzii</i> (Nutt.) Wherry	Trailing phlox	G4T4	S3		
All Virginia <i>P. nivalis</i> is var. <i>henzii</i>					
<i>Phragmites australis</i> (Cav.) Trin. ex Steud. ssp. <i>americanus</i> Saltonstall, P.M. Peterson, & Soreng	American common reed	G5T4	S3		
<i>Physostegia leptophylla</i> Small	Slender-leaved dragon-head	G4?	S3		
Given as <i>P. purpurea</i> (Walt.) Blake in Harvill et al. (1992), Given as <i>Dracocephalum purpureum</i> (Walt.) McClintock ex Gleason in Radford et al. (1968)					
<i>Platanthera flava</i> (L.) Lindl. var. <i>flava</i>	Southern rein orchid	G4T4?Q	S3?		
syn: <i>Habenaria flava</i> (L.) R. Br. var. <i>flava</i>					
<i>Platanthera flava</i> (L.) Lindl. var. <i>herbiola</i> (R. Br. ex Ait. f.) Luer	Tubercled rein orchid	G4T4Q	S3?		
syn: <i>Habenaria flava</i> (L.) R. Br. var. <i>herbiola</i> (R. Br.) Ames & Correll					
<i>Pogonia ophioglossoides</i> (L.) Ker-Gawl.	Rose pogonia	G5	S3		
<i>Polygala cruciata</i> L. var. <i>aquilonia</i> Fern. & Schub.	Crossleaf milkwort	G5T4	S3?		
Included within <i>P. cruciata</i> L. in Radford et al. (1968)					
<i>Polygala cruciata</i> L. var. <i>cruciata</i>	Crossleaf milkwort	G5T4T5	S3?		
Included within <i>P. cruciata</i> L. in Radford et al. (1968)					
<i>Polygonella articulata</i> (L.) Meisn.	Eastern jointweed	G5	S3		
<i>Polygonum ramosissimum</i> Michx. var. <i>prolificum</i> Small	Bushy knotweed	G5T4T5	S3		
syn: <i>P. prolificum</i> (Small) Robins.					
<i>Ponthieva racemosa</i> (Walt.) C. Mohr	Shadow-witch orchid	G4G5	S3		
<i>Potamogeton perfoliatus</i> L.	Clasping-leaf pondweed	G5	S3		
Given as <i>P. perfoliatus</i> L. var. <i>bupleuroides</i> (Fern.) Farw. in Harvill et al. (1992), Radford et al. (1968), and Fernald (1950)					
<i>Prenanthes roanensis</i> (Chickering) Chickering	Mountain rattlesnake-root	G3	S3		

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Prosartes maculata</i> (Buckl.) Gray	Nodding mandarin	G3G4	S3		
syn: <i>Disporum maculatum</i> (Buckl.) Britt.					
<i>Prunus alleghaniensis</i> Porter var. <i>alleghaniensis</i>	Alleghany plum	G4T4	S3		
All Virginia <i>P. alleghaniensis</i> is var. <i>alleghaniensis</i>					
<i>Quercus laevis</i> Walt.	Turkey oak	G5	S3		
<i>Quercus margarettiae</i> Ashe ex Small	Sand post oak	G5	S3		
syn: <i>Q. stellata</i> Wengen. var. <i>margaretta</i> (Ashe ex Small) Sarg.					
<i>Quercus virginiana</i> P. Mill.	Live oak	G5	S3		
<i>Ranunculus flabellaris</i> Raf.	Yellow water crowfoot	G5	S3		
<i>Rhamnus lanceolata</i> Pursh var. <i>lanceolata</i>	Lance-leaved buckthorn	G5T4T5	S3		
<i>Rhododendron cumberlandense</i> E.L. Braun	Cumberland flame azalea	G4?	S3		
<i>Rhynchospora caduca</i> Ell.	Falling beakrush	G5	S3		
<i>Rhynchospora cephalantha</i> Gray var. <i>pleiocephala</i> Fern. & Gale	Many-headed bunched beakrush	G5TNR	S3		
<i>Rhynchospora perplexa</i> Britt.	A beakrush	G5	S3		
<i>Rhynchospora rariflora</i> (Michx.) Ell.	Few-flowered beakrush	G5	S3		
<i>Ribes glandulosum</i> Grauer	Skunk currant	G5	S3		
<i>Ruellia humilis</i> Nutt.	Hairy 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	Coastal rose-pink	G5?	S3		
<i>Sabatia dodecandra</i> (L.) B.S.P.	Large marsh rose-pink	G5?	S3		
<i>Sanicula trifoliata</i> Bickn.	Large-fruited sanicle	G4	S3		
<i>Saxifraga caroliniana</i> Gray	Carolina saxifrage	G3	S3		
Under <i>S. careyana</i> Gray in Harvill et al. (1992)					
<i>Schoenoplectus novae-angliae</i> (Britt.) M.T. Strong	Salt-marsh bulrush	G5	S3		
syn: <i>Bolboschoenus novae-angliae</i> (Britt.) S.G. Sm.					
syn: <i>Scirpus cylindricus</i> (Torr.) Britt.					
syn: <i>Scirpus novae-angliae</i> Britt.					
<i>Scirpus divaricatus</i> Ell.	Spreading bulrush	G5	S3		
<i>Scirpus hattorianus</i> Makino	A bulrush	G5	S3		

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Scirpus lineatus</i> Michx. syn: <i>S. fontinalis</i> Harper Does not include <i>S. pendulus</i> Muhl.	Drooping bulrush	G4	S3		
<i>Scutellaria saxatilis</i> Riddell	Rock scullcap	G3	S3		
<i>Sesuvium maritimum</i> (Walt.) B.S.P.	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.	Sandplain blue-eyed-grass	G5?	S3		
<i>Solidago hispida</i> Muhl. ex Willd. var. <i>hispida</i> All Virginia <i>S. hispida</i> is var. <i>hispida</i>	Hairy goldenrod	G5T5	S3		
<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	A goldenrod	G4?Q	S3?		
<i>Sparganium eurycarpum</i> Engelm. ex Gray	Giant burreed	G5	S3		
<i>Spinulum annotinum</i> (L.) A. Haines syn: <i>Lycopodium annotinum</i> L.	Stiff clubmoss	G5	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. syn: <i>Stachys hyssopifolia</i> Michx. var. <i>hyssopifolia</i>	Hyssop-leaf hedgenettle	G4G5	S3		
<i>Stachys latidens</i> Small ex Britt.	Broad-toothed Hedge nettle	G4G5	S3		
<i>Stellaria corei</i> Shinnery syn: <i>Stellaria pubera</i> Michx. var. <i>sylvatica</i> (Beguinot) Weath.	Tennessee chickweed	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>Symphotrichum ericoides</i> (L.) Nesom syn: <i>Aster ericoides</i> L.	White heath aster	G5	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	Soft-haired false lupine	G3G4	S3		

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Tradescantia subaspera</i> Ker-Gawl. var. <i>montana</i> (Shuttlew. ex Britt.) E.S. Anderson & Woods Under <i>T. subaspera</i> Ker-Gawl in Radford et al. (1968)	Zigzag spiderwort	G5T3T5Q	S3		
<i>Tragia urticifolia</i> Michx.	Nettle-leaf noseburn	G5	S3		
<i>Trifolium virginicum</i> Small ex Small & Vail Only piedmont occurrences are tracked.	Kate's-mountain clover	G3	S3		
<i>Triglochin striata</i> Ruiz & Pavon	Three-ribbed arrowgrass	G5	S3		
<i>Triosteum aurantiacum</i> Bickn.	Coffee tinker's-weed	G5	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.	Hidden-fruited bladderwort	G4G5	S3		
<i>Utricularia macrorhiza</i> Le Conte syn: <i>U. vulgaris</i> L.	Greater bladderwort	G5	S3		
<i>Utricularia radiata</i> Small syn: <i>U. inflata</i> Walt. var. <i>minor</i> Chapman	Small swollen 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 var. <i>brittoniana</i>	Coast violet	G4G5T4T5	S3?		
<i>Viola esculenta</i> Ell. syn: <i>Viola</i> × <i>esculenta</i> Ell. (pro sp.) Under <i>V. septemloba</i> Le Conte in Radford et al. (1968) and Harvill et al. (1992)	Salad violet	G4G5	S3		
<i>Viola palmata</i> L. var. <i>dilatata</i> Ell. syn: <i>V. triloba</i> Schwein. var. <i>dilatata</i> (Ell.) Brainerd	Cleft violet	G5T5?	S4?		
<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. syn: <i>Xanthoxylum americanum</i> P. Mill.	Northern prickly-ash	G5	S3		
<i>Zanthoxylum clava-herculis</i> L. syn: <i>Xanthoxylum clava-herculis</i> L.	Southern prickly-ash	G4	S3		

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Zigadenus elegans</i> Pursh ssp. <i>glaucus</i> (Nutt.) Hulten	White camas	G5T4T5	S3		

All Virginia *Z. elegans* is ssp. *glaucus*,

syn: *Z. glaucus* Nutt.

PART THREE:

REVIEW LIST
(Taxa of Uncertain Status)

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.	Fascicled false-foxtail	G5	SU		
<i>Agalinis virgata</i> Raf. syn: <i>Gerardia racemulosa</i> Pennell, under <i>A. fasciculata</i> (Ell.) Raf. in Kartesz (1999), under <i>A. purpurea</i> (L.) Pennell in Harvill et al. (1992)	Pine-barren false-foxtail	G3G4Q	SNR		
<i>Agrostis altissima</i> (Walt.) Tuckerman Under <i>A. perennans</i> (Walt.) Tuckerman in Radford et al. (1968) and Kartesz (1999)	Tall bentgrass	G4	SNR		
<i>Allium allegheniense</i> Small Under <i>A. cernuum</i> Roth in Fernald (1950) and Radford et al. (1968)	Alleghany nodding onion	G3?	SU		
<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	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 et al. (1968)	Chalky bluestem	G5T3T5	SNR		
<i>Andropogon tenuispathus</i> (Nash) Nash syn: <i>A. glomeratus</i> (Walt.) Britt. var. <i>pumilus</i> Vasey ex Dewey Under <i>A. virginicus</i> L. in Radford et al. (1968)	A bluestem	G5T5	SU		
<i>Andropogon virginicus</i> L. var. <i>decipiens</i> C. Campbell Under <i>A. virginicus</i> L. in Radford et al. (1968), Under <i>A. virginicus</i> L. var. <i>virginicus</i> in Fernald (1950)	A bluestem	G5T4	SU		
<i>Antennaria howellii</i> Greene ssp. <i>petaloidea</i> (Fern.) Bayer syn: <i>A. petaloidea</i> (Fern.) Fern.	Field pussytoes	G5T4T5	SU		
<i>Arisaema triphyllum</i> (L.) Schott ssp. <i>stewardsonii</i> (Britt.) Huttleston syn: <i>A. stewardsonii</i> Britt. Under <i>A. triphyllum</i> (L.) Schott in Radford et al. (1968)	Swamp jack-in-the-pulpit	G5T4	SU		
<i>Aruncus dioicus</i> (Walt.) Fern. var. <i>pubescens</i> (Rydb.) Fern. Under <i>A. dioicus</i> (Walt.) Fern. in Radford et al. (1968)	Midwestern goatsbeard	G5TNR	SU		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Asarum canadense</i> L. var. <i>acuminatum</i> Ashe Under <i>A. canadense</i> L. in Kartesz (1999) and Radford <i>et al.</i> (1968)	Wild ginger	G5T?	SU		
<i>Asplenium trichomanes</i> L. ssp. <i>quadrivalens</i> D.E. Meyer emend. Lovis	Limestone maidenhair spleenwort	G5T5?	SU		
<i>Aureolaria pedicularia</i> (L.) Raf. var. <i>austromontana</i> Pennell syn: <i>Gerardia pedicularia</i> L. var. <i>intercedens</i> (Pennell) Fern. Under <i>A. pedicularia</i> (L.) Raf. in Radford <i>et al.</i> (1968)	Fern-leaved yellow foxglove	G5T3T5	SU		
<i>Aureolaria pedicularia</i> (L.) Raf. var. <i>pedicularia</i> syn: <i>Gerardia pedicularia</i> L. var. <i>pedicularia</i> Under <i>A. pedicularia</i> (L.) Raf. in Radford <i>et al.</i> (1968)	Fern-leaved yellow foxglove	G5T4	SU		
<i>Bulbostylis ciliatifolia</i> (Ell.) Fern. var. <i>coarctata</i> (Ell.) Kral Under <i>B. ciliatifolia</i> (Ell.) Fern. in Radford <i>et al.</i> (1968) syn: <i>B. coarctata</i> (Ell.) Fern.	A hairsedge	G5T3T5	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	Bindweed	G5T5	SU		
<i>Calystegia soldanella</i> (L.) R. Br. ex Roemer & J.A. Schultes	Seashore bindweed	G5	SNA		
<i>Carex cherokeensis</i> Schweinitz	Cherokee sedge	G4G5	SNA		
<i>Carex debilis</i> Michx. var. <i>intercurva</i> Fern.	A sedge	G5TNR	SU		
<i>Carex debilis</i> Michx. var. <i>interjecta</i> Bailey	White-edge sedge	G5TNR	SU		
<i>Carex gravida</i> Bailey var. <i>lunelliana</i> (Mackenzie) F.J. Herm.	Heavy sedge	G5T3T5Q	SNA		
<i>Carex mesochorea</i> Mackenzie	Midland sedge	G4G5	SNR		
<i>Carex molesta</i> Mackenzie ex Bright	Troublesome sedge	G4	SNR		
<i>Carex muehlenbergii</i> Schkuhr ex Willd. var. <i>enervis</i> Boott Under <i>C. muehlenbergii</i> Schkuhr ex Willd. in Radford <i>et al.</i> (1968)	A sedge	G5T5	SNR		
<i>Carex tribuloides</i> Wahlenberg var. <i>sangamonensis</i> Clokey	A sedge	G5T4T5	SNR		
<i>Ceanothus americanus</i> L. var. <i>intermedius</i> (Pursh) Torr. & Gray	New Jersey tea	G5T?	SNR		
<i>Chaerophyllum procumbens</i> (L.) Crantz var. <i>shortii</i> Torr. & Gray	Short's spreading chervil	G5T3T4Q	SNR		
<i>Chenopodium desiccatum</i> A. Nels. Under <i>C. pratericola</i> Rydberg in Harvill <i>et al.</i> (1992)	Narrow-leaf goosefoot	G5	SU		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Cicuta mexicana</i> Coult. & Rose Under <i>C. maculata</i> L. var. <i>maculata</i> in Kartesz (1999), Under <i>C. maculata</i> L. var. <i>curtissii</i> (Coult. & Rose) Fern. in Fernald (1950)	Mexican water-hemlock	G?	SNR		
<i>Coreopsis pubescens</i> Ell. var. <i>pubescens</i>	Star tickseed	G5?T4T5	SNR		
<i>Coreopsis pubescens</i> Ell. var. <i>robusta</i> Gray & Eames	Star tickseed	G5?T3T5	SNR		
<i>Crataegus chrysocarpa</i> Ashe	Fineberry hawthorn	G5	SU		
<i>Crataegus disperma</i> Ashe	A hawthorn	G4G5	SU		
<i>Crataegus iracunda</i> Beadle Included in <i>C. flabellata</i> (Bosc.) K. Koch. In Radford <i>et al.</i> (1968)	A hawthorn	G5	SU		
<i>Crataegus margarettiae</i> Ashe	A hawthorn	G5?	SNR		
<i>Crataegus vailiae</i> Britt.	A hawthorn	G4?Q	SU		
<i>Cypripedium parviflorum</i> Salisb. var. <i>parviflorum</i> Under <i>C. calceolus</i> L. in Harvill <i>et al.</i> (1992), Under <i>C. calceolus</i> L. var. <i>pubescens</i> (Willd.) Correll in Radford <i>et al.</i> (1968), syn: <i>C. parviflorum</i> Salisb., syn: <i>C. calceolus</i> L. var. <i>parviflorum</i> (Salisb.) Fern.	Small yellow lady's-slipper	G5T3T5	SNR		
<i>Desmodium ciliare</i> (Muhl. ex Willd.) DC. var. <i>lancifolium</i> Fern. & Schub.	Hairy small-leaved tick-trefoil	G5T1T3Q	SNR		
<i>Desmodium paniculatum</i> (L.) DC. var. <i>epetiolatum</i> Schub.	Narrow-leaf tick-trefoil	G5T1Q	SNR		
<i>Dichanthelium leucothrix</i> (Nash) Freckmann syn: <i>Panicum leucothrix</i> Nash	Roughish panic grass	G4?Q	SNA		
<i>Dichanthelium sp.</i> (= <i>Panicum cryptanthum</i> Ashe)	Hidden-flowered witch grass	GNR	SNR		
<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>Dodecatheon meadia</i> L. var. <i>brachycarpum</i> (Small) Fassett syn: <i>D. meadia</i> L. ssp. <i>brachycarpum</i> (Small) R. Kunth.	A shooting-star	G5TNR	SU		
<i>Eleocharis elliptica</i> Kunth	Elliptic spike-rush	G5	SU		
<i>Eleocharis tenuis</i> (Willd.) J.A. Schultes var. <i>verrucosa</i> (Svens.) Svens. syn: <i>E. verrucosa</i> (Svens.) L. Harms	Slender spike-rush	G5T3T5	SNR		
<i>Eragrostis pectinacea</i> (Michx.) Nees ex Steud.	Western lovegrass	G5	SNR		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Erigeron strigosus</i> Muhl. ex Willd. var. <i>beyrichii</i> (Fisch. & C.A. Mey.) Torr. & Gray ex Gray Under <i>E. strigosus</i> Muhl. ex Willd. in Radford <i>et al.</i> (1968)	Daisy fleabane	G5T4T5	SU		
<i>Eupatorium linearifolium</i> Walt. Under <i>E. glaucescens</i> Ell. in Kartesz (1999), Under <i>E. cuneifolium</i> Willd. in Radford <i>et al.</i> (1968)	A thoroughwort	GNR	SU		
<i>Eupatorium rotundifolium</i> L. var. <i>cordigerum</i> Fern. syn: <i>E. cordigerum</i> (Fern.) Fern.	A thoroughwort	G5TNR	SU		
<i>Eupatorium sessilifolium</i> L. var. <i>vaseyi</i> (Porter) Fern. & Grisc. Under <i>E. godfreyanum</i> Cronq. in Harvill <i>et al.</i> (1992) syn: <i>E. sessilifolium vaseyi</i> Porter, syn: <i>E. album</i> L. var. <i>monardifolia</i> Fern.	Vasey's thoroughwort	G5T3T5	SU		
<i>Euphorbia pubentissima</i> Michx.	Southern flowering spurge	G5	SU		
<i>Euphorbia spathulata</i> Lam. Included with <i>E. obtusata</i> Pursh in Harvill <i>et al.</i> (1992).	Reticulate-seeded spurge	G5	SU		
<i>Euthamia graminifolia</i> (L.) Greene var. <i>hirtipes</i> (Fern.) C. & J. Taylor syn: <i>E. graminifolia</i> (L.) Nutt. var. <i>hirtipes</i> (Fern.) C.&J. Taylor	Grass-leaved goldenrod	G5TNR	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	A bedstraw	G5?T4?	SU		
<i>Galium tinctorium</i> (L.) Scop. var. <i>floridanum</i> Wieg. Included within <i>Galium tinctorium</i> by Radford <i>et al.</i> (1968) and Kartesz (1999)	Stiff marsh bedstraw	G5T?	SU		
<i>Gaylussacia dumosa</i> (Andr.) Torr. & Gray var. <i>bigeloviana</i> Fern. Included within <i>Gaylussacia dumosa</i> by Radford <i>et al.</i> (1968)	Huckleberry	G5T?	SNR		
<i>Gentiana linearis</i> Froel.	Narrow-leaved-gentian	G4G5	SNA		
<i>Glandularia canadensis</i> (L.) Nutt. syn: <i>Verbena canadensis</i> (L.) Britt.	Rose vervain	G5	SNA		
<i>Glaux maritima</i> L.	Sea milkwort	G5	SU		
<i>Gratiola virginiana</i> L. var. <i>aestuariorum</i> Pennell	Roundfruit hedge-hyssop	G5T2T4	SU		
<i>Habenaria repens</i> Nutt.	Water-spider orchis	G5	SNA		
<i>Heliopsis helianthoides</i> (L.) Sweet var. <i>scabra</i> (Dunal) Fern.	Smooth oxeye	G5T5	SU		
<i>Humulus lupulus</i> L. var. <i>pubescens</i> E. Small	Midwestern hops	G5T4?	SNA		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Isoetes mattaponica</i> L.J. Musselman & W.C. Taylor	A quillwort	GU	SNR		
<i>Isolepis carinata</i> Hooker & Arnott ex Torr. syn: <i>Isolepis koilolepis</i> Steud. syn: <i>Scirpus koilolepis</i> (Steud.) Gleason	Clubrush	G5	SNA		
<i>Juncus validus</i> Coville var. <i>validus</i> syn: <i>J. crassifolius</i> Buch.	A rush	G5	SNA		
<i>Lathyrus pusillus</i> Ell.	Low peavine	G5?	SNA		
<i>Lechea maritima</i> Leggett ex B.S.P. var. <i>maritima</i>	Beach pinweed	G5T5?	SNA		
<i>Lemna minuta</i> Kunth	Pale duckweed	G4	SU		
<i>Leptochloa panicea</i> (Retz) Ohwi ssp. <i>mucronata</i> (Michx.) Nowack syn: <i>L. filiformis</i> (Lam.) Beauv.	Red sprangletop	G5	SNA		
<i>Leptochloa panicoides</i> (J. Presl) A.S. Hitchc. syn: <i>Diplachne panicoides</i> (J. Presl) McNeill	Amazon sprangletop	G5	SNA		
<i>Liatris squarrosa</i> (L.) Michx. var. <i>gracilentata</i> Gaiser Under <i>L. squarrosa</i> (L.) Michx. var. <i>squarrosa</i> in Kartesz (1999)	Scaly blazing star	G5T?	SU		
<i>Liatris squarrosa</i> (L.) Michx. var. <i>hirsuta</i> (Rydb.) Gaiser	Scaly blazing star	G5T4?	SU		
<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>Linum floridanum</i> (Planch.) Trel. syn: <i>L. virginianum</i> L. var. <i>floridanum</i> Planch.	Florida yellow flax	G5?	SU		
<i>Lobelia glandulosa</i> Walt.	Glandular lobelia	G4G5	SU		
<i>Ludwigia polycarpa</i> Short & Peter	A seedbox	G4	SU		
<i>Lycopus angustifolius</i> Ell.	Southern bog bugleweed	G4?Q	SU		
<i>Malaxis bayardii</i> Fern. Under <i>M. unifolia</i> Michx. in Radford et al. (1968)	Appalachian adder's-mouth	G1G2	SU		
<i>Melampyrum lineare</i> Desr. var. <i>pectinatum</i> (Pennell) Fern.	Cow-wheat	G5T5	SU		
<i>Monarda fistulosa</i> L. var. <i>brevis</i> Fosberg & Artz syn: <i>Monarda fistulosa</i> L. ssp. <i>brevis</i> (Fosberg & Artz) Scora, comb. nov. ined.	Smoke Hole bergamot	G5T1	SU		
<i>Myriophyllum sibiricum</i> Komarov	Common water-milfoil	G5	SNR		
<i>Nothoscordum bivalve</i> (L.) Britt. syn: <i>Allium bivalve</i> (L.) Kuntze	Crow-poison	G4	SNA		
<i>Oenothera linifolia</i> Nutt.	Flax-leaved sundrops	G5	SNA		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Oenothera oakesiana</i> (Gray) J.W. Robbins ex S. Wats. & Coult. syn: <i>O. parviflora</i> L. var. <i>oakesiana</i> (Gray) Fern.	Evening-primrose	G4G5Q	SNR		
<i>Oenothera riparia</i> Nuttall 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)	Riverbank evening-primrose	G2G3	SU		
<i>Oligoneuron riddellii</i> (Frank ex Riddell) Rydberg syn: <i>Solidago riddellii</i> Frank ex Riddell	Riddell Goldenrod	G5	SNA		
<i>Orobanche ludoviciana</i> Nutt.	Louisiana broomrape	G5	SU		
<i>Oxalis priceae</i> Small ssp. <i>colorea</i> (Small) Eiten	A wood-sorrel	G3G5TNR	SNR		
<i>Panicum anceps</i> Michx. var. <i>rhizomatum</i> (A.S. Hitchc. & Chase) Fern. Under <i>P. anceps</i> Michx. in Kartesz (1999)	A panic grass	G5TNR	SU		
<i>Panicum gattingeri</i> Nash	Gattinger's panic grass	G4	SNR		
<i>Parthenocissus vitacea</i> (Knerr) A.S. Hitchc.	Woodbine	G5	SU		
<i>Physalis angulata</i> L. var. <i>angulata</i> All Virginia <i>P. angulata</i> is var. <i>angulata</i>	Cut-leaf ground-cherry	G5TNR	SNA		
<i>Plantago heterophylla</i> Nutt.	Slender plantain	G5	SNA		
<i>Platanthera integrilabia</i> (Correll) Luer syn: <i>Habenaria blephariglottis</i> (Willd.) Hook. var. <i>integrilabia</i> Correll	White fringeless orchid	G2G3	SU		
<i>Potamogeton bicupulatus</i> Fern.	Snail-seed pondweed	G4	SNR		
<i>Proserpinaca intermedia</i> Mackenzie	Intermediate mermaid-weed	G4?Q	SU		
<i>Pycnanthemum beadlei</i> (Small) Fern.	Beadle's Mountain-mint	G2G4	SU		
<i>Pycnanthemum loomisii</i> Nutt. 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.	Loomis' mountain-mint	G4?	SU		
<i>Rhynchospora cephalantha</i> Gray var. <i>cephalantha</i> Does not include <i>R. cephalantha</i> Gray var. <i>attenuata</i> Gale (see rare list) or <i>R. cephalantha</i> Gray var. <i>pleiocephala</i> Fern. & Gale (watch list)	Capitate beakrush	G5T4T5	SNA		
<i>Ribes missouriense</i> Nutt.	Missouri gooseberry	G5	SNA		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Robinia hispida</i> L. var. <i>kelseyi</i> (Cowell ex Hutchinson) Isely Under <i>R. hispida</i> L. in Harvill et al. (1992) syn: <i>R. kelseyi</i> Cowell ex Hutchinson	Kelsey's locust	G4T1	SU		
<i>Robinia viscosa</i> Vent.	Clammy locust	G3	SU		
<i>Rosa blanda</i> Aiton var. <i>blanda</i>	Smooth rose	G5T5	SU		
<i>Rubus alumnus</i> Bailey	Blackberry	G5	SU		
<i>Rubus baileyanus</i> Britt. Under <i>R. flagellaris</i> in Radford et al. (1968)	A bramble	G5	SU		
<i>Rubus fecundus</i> Bailey	A bramble	G5	SU		
<i>Rubus frondosus</i> Bigelow	A bramble	G5	SU		
<i>Rubus recurvicaulis</i> Blanch	A bramble	G4?	SU		
<i>Rubus setosus</i> Bigelow	Small bristleberry	G5	SU		
<i>Rudbeckia laciniata</i> L. var. <i>humilis</i> Gray Under <i>R. laciniata</i> L. in Radford et al. (1968)	Cut-leaved coneflower	G5T3?	SU		
<i>Sagittaria platyphylla</i> (Engelm.) J.G. Sm.	An arrowhead	G5	SU		
<i>Salix lucida</i> Muhl.	Shining willow	G5	SNA		
<i>Sanicula canadensis</i> L. var. <i>grandis</i> Fern.	Black snakeroot	G5T3T5	SU		
<i>Scutellaria ovata</i> Hill ssp. <i>pseudoarguta</i> Epling Given as <i>S. ovata</i> Hill var. <i>versicolor</i> (Nutt.) Fern. in Fernald (1950)	A heart-leaved skullcap	G5THQ	SU		
<i>Sibara virginica</i> (L.) Rollins	Virginia rockcress	G5	SNR		
<i>Silphium trifoliatum</i> L. var. <i>latifolium</i> Gray	Broad-leaved whorled rosin-weed	G4?T4?	SNR		
<i>Sisyrinchium capillare</i> Bickn. Under <i>S. albidum</i> Raf. in Radford et al. (1968)	Wiry blue-eyed-grass	GNR	SU		
<i>Sisyrinchium montanum</i> Greene var. <i>crebrum</i> Fern. Under <i>S. mucronatum</i> Michx. var. <i>mucronatum</i> in Radford et al. (1968)	Strict blue-eyed-grass	G5T4T5	SU		
<i>Solidago canadensis</i> L. var. <i>canadensis</i>	Canadian goldenrod	G5T5	SU		
<i>Solidago canadensis</i> L. var. <i>gilvocanescens</i> Rydb.	Great Plains common goldenrod	G5T5	SU		
<i>Solidago flaccidifolia</i> Small Under <i>S. caesia</i> in Radford et al. (1968)	Appalachian goldenrod	G5	SNR		
<i>Solidago lancifolia</i> Torr. & Gray Under <i>S. curtissii</i> Torr. & Gray in Kartesz (1999) Radford et al. (1968)	Broad-leaf goldenrod	G3G4Q	SU		
<i>Spartina patens</i> (Ait.) Muhl. var. <i>monogyna</i> (M.A. Curtis) Fern. Under <i>S. patens</i> (Ait.) Muhl. in Kartesz (1999)	Saltmeadow cordgrass	G5TNR	SU		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Spiranthes lacera</i> (Raf.) Raf. var. <i>lacera</i> Does not include <i>S. gracilis</i> (Bigelow) Beck or <i>S. lacera</i> (Raf.) Raf. var. <i>gracilis</i> (Bigelow) Luer Given as <i>S. lacera</i> Raf. in Fernald (1950)	A ladies'-tresses	G5T5	SU		
<i>Stellaria prostrata</i> Baldw.	Prostrate starwort	G4?	SU		
<i>Stylodon carneus</i> (Medik.) Moldenke syn: <i>S. caroliniensis</i> (Walt.) Small, syn: <i>Verbena carnea</i> Medic.	Carolina vervain	G4?	SNA		
<i>Symphotrichum x schistosum</i> (Steele) Nesom syn: <i>Aster schistosus</i> Steele syn: <i>A. x schistosus</i> (Steele) Nesom in Kartesz (1999)	Millboro aster	GNA	SNA		
<i>Tephrosia hispidula</i> (Michx.) Pers.	Sprawling hoary-pea	G4G5	SNA		
<i>Thermopsis villosa</i> (Walt.) Fern. & Schub.	Hairy false lupine	G3?	SNA		
<i>Trichomanes intricatum</i> Farrar	A filmy-fern	G4G5	SU		
<i>Tridens strictus</i> (Nutt.) Nash syn: <i>Triodia stricta</i> (Nutt.) Benth. ex Vasey	Long-spike fluff-grass	G5	SNA		
<i>Trillium luteum</i> (Muhl.) Harbison	Yellow trillium	G4	SE?		
<i>Uvularia puberula</i> Michx. var. <i>nitida</i> (Britton) Fern. Under <i>U. puberula</i> Michx. in Kartesz (1999) syn: <i>U. pudica</i> (Walt.) Fern. var. <i>nitida</i> (Britt.) Fern.	Pine barren bellwort	G5T2?	SNR		
<i>Verbena rigida</i> (L.) Sprengel	A vervain	GNR	SNR		
<i>Viola blanda</i> Willd. var. <i>palustriformis</i> Gray Under <i>V. blanda</i> Willd. in Radford et al. (1968), syn.: <i>Viola incognita</i> Brainerd	Large-leaf white violet	G4G5T4T5	SNR		
<i>Vittaria appalachiana</i> Farrar & Mickel	Appalachian vittaria	G4	SU		

PART FOUR:

RARE NON-VASCULAR PLANT LIST

Rare Non-Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
LICHENS					
<i>Arctoparmelia centrifuga</i> (L.) Hale	Concentric ring lichen	G3G5	S1		
Artic/Boreal species disjunct in higher Appalachians of VA and WVA					
<i>Buellia stellulata</i> (Taylor) Mudd	Button lichen	GNR	S1		
Disjunct from western U.S.					
<i>Calvitmela talayana</i> (Haugen & Timdal) Andreev	A lichen	GNR	S1		
<i>Cetradonia linearis</i> (Evans) J.-C. Wei & Ahti	Rock-gnome lichen	G2	S1	LE	
syn: <i>Gymnoderma lineare</i> (A.Evans) Yoshim. & Sharp					
<i>Cetrelia monachorum</i> (Zahlbr.) Culb. & C. Culb.	Sea-storm lichen	G2G4	SU		
<i>Cladonia coccifera</i> (L.) Willd.	A Cladonia	G5	S1?		
Artic/Boreal species disjunct in higher Appalachians of VA, NC, GA					
<i>Heterodermia appalachensis</i> (Kurok.) Culb.	Appalachian fringe lichen	G2?	S1		
syn: <i>Anaptychia appalachiensis</i> Korok.					
<i>Hydrothyria venosa</i> J.L. Russell	Waterfan	G3G5	S1		
<i>Hypotrachyna oostingii</i> (J.P. Dey) Hale	Oosting's loop lichen	G2?	SU		
<i>Hypotrachyna virginica</i> (Hale) Hale	A loop lichen	G1G2	S1		
syn: <i>Parmelia virginica</i> Hale					
<i>Melanelia culbersonii</i> (Hale) Thell	Appalachian camouflage lichen	G2G4	S3		
<i>Melanelia stygia</i> (L.) Essl.	Alpine camouflage lichen	G4G5	S3		
<i>Parmelia omphalodes</i> (L.) Ach.	Smoky crottle	G2G4	S2?		
Artic/Boreal species disjunct in higher Appalachians of VA, WVA, NC, TN					
<i>Porpidia lowiana</i> Gowan	A boulder lichen	G2G3	S1		
Artic/Boreal species disjunct from northern NY					
<i>Porpidia tuberculosa</i> (Sm.) Hertel & Knoph	A boulder lichen	G2G4	S1		
Artic/Boreal species disjunct in higher Appalachians of VA, NC					
<i>Punctelia graminicola</i> (B. de Lesd.) Egan	Speckled shield lichen	G?	S1		
<i>Stereocaulon glaucescens</i> Tuck.	Bony foam lichen	G3	S2?		
<i>Teloschistes flavicans</i> (Sw.) Norman	Powdered orange bush lichen	G4G5	SH		
LIVERWORTS					
<i>Lejeunea ruthii</i> (Evans) Schust.	A liverwort	G3G4	SU		
<i>Nardia lescurii</i> (Aust.) Underw.	A liverwort	G3?	SU		
<i>Radula tenax</i> Lindb.	A liverwort	G3G4	SU		

Rare Non-Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
MOSSES					
<i>Astomum phascoides</i> (Hook. ex Drumm.) Grout	A moss	G3G4	SU		
<i>Campylopus carolinae</i> Grout	A moss	G2	S1		
<i>Orthotrichum keeverae</i> Crum & Anders.	Keever's bristle-moss	G2	S1		
<i>Plagiothecium latebricola</i> BSG	Lurking leskea	G3G4	SU		
<i>Sphagnum angustifolium</i> (C. Jens. ex Russ.) C. Jens.	Narrowleaf peatmoss	G5	S1S2		
<i>Sphagnum capillifolium</i> (Ehrh.) Hedw.	Pom - pom peatmoss	G5	S1S2		
<i>Sphagnum carolinianum</i> Andrus	Carolina peatmoss	G3	S2		
<i>Sphagnum cyclophyllum</i> Sull. & Lesq. ex Sull.	Circular-leaved peatmoss	G3	S1S2		
<i>Sphagnum fimbriatum</i> Wils. ex Wils. & J.D. Hook.	A peatmoss	G5	S1		
<i>Sphagnum flavicomans</i> (Card.) Warnst.	A peatmoss	G3	SU		
<i>Sphagnum flexuosum</i> Dozy & Molk.	Flexuose peatmoss	G5	S1S2		
<i>Sphagnum fuscum</i> (Schimp.) Klinggr.	Brown peatmoss	G5	S1		
<i>Sphagnum girgensohnii</i> Russ.	Girgensohn's peatmoss	G5	S1S2		
<i>Sphagnum inundatum</i> Russ.	Inundated peatmoss	G4	S1S2		
<i>Sphagnum macrophyllum</i> Bernh. ex Brid. var. <i>macrophyllum</i>	Large-leaf peatmoss	G3T3?	S2		
<i>Sphagnum molle</i> Sull.	Soft peatmoss	G4	S2		
<i>Sphagnum portoricense</i> Hampe	Puerto Rico peatmoss	G5	S1S2		
<i>Sphagnum quinquefarium</i> (Lindb. ex Braithw.) Warnst.	Five-rowed peatmoss	G5	S2S3		
<i>Sphagnum rubellum</i> Wils.	Red peatmoss	G5	S2		
<i>Sphagnum russowii</i> Warnst.	Russow's peatmoss	G5	S1S2		
<i>Sphagnum strictum</i> Sull.	Straight peatmoss	G5	S2		
<i>Sphagnum subsecundum</i> Nees ex Sturm	Subsecund peatmoss	G5	S1		
<i>Sphagnum subtile</i> (Russ.) Warnst.	Delicate peatmoss	G5?Q	S1S2		
<i>Sphagnum torreyanum</i> Sull.	Torrey's peatmoss	G3G4	S2		
<i>Sphagnum trinitense</i> C.M.	Trinidad peatmoss	G4	S2S3		

APPENDIX 1: CHANGES TO THE 2007 LISTS

Below is a summary of the changes to the plant lists since the 2007 edition:

1) Additions to the rare vascular plant list which have not previously appeared on any other list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Hexastylis contracta</i> Blomquist	S1	N/A
<i>Hypericum lloydii</i> (Svenson) P. Adams	SH	N/A
<i>Platanthera shriveri</i> P.M. Brown	S1	N/A
<i>Symphytichum ontarionis</i> (Wiegand) Nesom var. <i>ontarionis</i>	S1	N/A

2) Taxa which have been removed from the review list and placed on the rare vascular plant list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Eupatorium anomalum</i> Nash	S1	SU
<i>Potamogeton friesii</i> Rupr.	SH	SU
<i>Spiranthes eatonii</i> Ames ex P.M. Brown	SH	SNR

3) Additions to the vascular plant watchlist which have not previously appeared on any other list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Scutellaria saxatilis</i> Riddell	S3	S3

4) Additions to the review list which have not previously appeared on any other list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Dichantherium</i> sp. (= <i>Panicum cryptanthum</i> Ashe)	SNR	N/A

5) Additions to the rare non-vascular plant list which have not previously appeared on any other list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Cetradonia linearis</i> (Evans) J.-C. Wei & Ahti	G2/S1/Federally	N/A
(syn= <i>Gymnoderma lineare</i> (A. Evans) Yoshim. & Sharp)	Endangered	
<i>Calvitimela talayana</i> (Haugen & Timdel) Andreev	GNR/S1	N/A

6) Taxa which have been removed from the rare vascular plant list and placed on the vascular plant watchlist:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Saxifraga caroliniana</i> Gray	G3/S3	G2/S2

7) Taxa which were found on the rare vascular plant list, vascular plant watchlist, or review list but are no longer considered a conservation target of any sort:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Amelanchier arborea</i> (Michx.) Ashe	S5	SU
<i>Axonopus furcatus</i> (Fluegge) A.S. Hitchc.	S4	S3
<i>Crataegus marshallii</i> (Engelm.) Morong	S4	S3
<i>Cystopteris fragilis</i> (L.) Bernh.	N/A	S1?
<i>Fimbristylis caroliniana</i> (Lam.) Fern.	S4	S3
<i>Lindera subcoriacea</i> B.E. Wofford	N/A	S2?
<i>Lycopodiella margueritiae</i> J.G. Bruce, W.H. Wagner, & Beitel	N/A	S1
<i>Sparganium androcladum</i> (Engelm.) Morong	N/A	SH

8) Taxa whose ranks have changed but are still found on the rare vascular plant list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Cabomba caroliniana</i> Gray	S2	S1
<i>Cardamine micranthera</i> Rollins	G2	G1
<i>Collinsonia verticillata</i> Baldw.	G3G4	G3
<i>Crataegus spathulata</i> Michx.	SH	S1
<i>Cuscuta coryli</i> Engelm.	G5?	G5
<i>Cyperus granitophilus</i> McVaugh	G3G4Q	G3Q
<i>Echinacea laevigata</i> (C.L. Boynton & Beadle) Blake	G2G3	G2
<i>Echinocystis lobata</i> (Michx.) Torr. & Gray	SH	S1?
<i>Eryngium yuccifolium</i> Michx. var. <i>yuccifolium</i>	G5T5	G5T?
<i>Glyceria grandis</i> S. Wats. var. <i>grandis</i>	G5T5	G5T?
<i>Lechea intermedia</i> Leggett ex Britt. var. <i>intermedia</i>	SH	S1?
<i>Malvastrum hispidum</i> (Pursh) Hochr.	G3G5	G5
<i>Rhynchospora cephalantha</i> Gray var. <i>attenuata</i> Gale	G5TNR	G5?
<i>Rhynchospora harveyi</i> W. Boott	S1	SH
<i>Rhynchospora macrostachya</i> Torr. ex Gray var. <i>macrostachya</i>	G4TNR	G4T?
<i>Sarracenia purpurea</i> L. var. <i>venosa</i> (Raf.) Fern.	G5TNR	G5T?
<i>Schwalbea americana</i> L.	G2G3	G2
<i>Scutellaria arguta</i> Buckl.	G1?Q	G2?Q
<i>Sphenopholis filiformis</i> (Chapman) Scribn.	SH	S1
<i>Tridens chapmanii</i> (Small) Chase	G5T3	G5T3T5
<i>Trifolium reflexum</i> L.	G3G4	G5
<i>Viburnum lentago</i> L.	SH	S1

9) Taxa whose ranks have changed but are still found on the vascular plant watchlist:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Amsonia tabernaemontana</i> Walt. var. <i>tabernaemontana</i>	G5T5	G5
<i>Baptisia australis</i> (L.) R. Br. ex Ait. F. var. <i>australis</i>	G5T3T4	G5TNR
<i>Carex lucorum</i> Willd. Ex Link var. <i>australucorum</i> J. Rettig	G4T3T5	G4T3?
<i>Carex striata</i> Michx. Ex Link var. <i>brevis</i> Bailey	G4G5T4?	G4T4?
<i>Diarrhena americana</i> Beauv.	G4G5	G4?
<i>Juglans cinerea</i> L.	G4	G3G4
<i>Lithospermum latifolium</i> Michx.	G4	G5
<i>Stachys hyssopifolia</i> Michx.	G4G5/S3	G5?/S3?
<i>Stachys latidens</i> Small ex Britton	S3	S4?
<i>Zanthoxylum clava-herculis</i> L.	G4	G5

10) Taxa whose ranks have changed but are still found on the review list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Andropogon tenuispathus</i> (Nash) Nash	G5T5	G5
<i>Antennaria howellii</i> Greene ssp. <i>petaloidea</i> (Fern.) Bayer	G5T4T5	G5T3T5
<i>Coreopsis pubescens</i> Ell. var. <i>robusta</i> Gray & Eames	G5?T3T5	G5?T3?
<i>Eupatorium sessilifolium</i> L. var. <i>vaseyi</i> (Porter) Fern. & Grisc.	G5T3T5	G3G5
<i>Rosa blanda</i> Aiton var. <i>blanda</i>	G5T5	G5
<i>Sanicula canadensis</i> L. var. <i>grandis</i> Fern.	G5T3T5	G5TU
<i>Scutellaria ovata</i> Hill ssp. <i>pseudoarguta</i> Epling	G5THQ	G5T1Q
<i>Trichomanes intricatum</i> Farrar	G4G5	G3G4

11) Taxa whose ranks have changed but are still found on the rare non-vascular plant list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Hydrothyria venosa</i> J.L. Russell	G3G5	G3
<i>Teloschistes flavicans</i> (Sw.) Norman	G4G5	G?
<i>Campylopus carolinae</i> Grout	G2	G1G2
<i>Orthotrichum keeverae</i> Crum & Anders.	G2	G1G2

12) Taxonomic changes made on the rare vascular plant list:

<u>Old Scientific Name</u>	<u>New Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Eleocharis halophila</i> (Fern. & Brack.) Fern. & Brack.	<i>Eleocharis uniglumis</i> (Link) Schultes	S1	S1
<i>Helianthemum bicknellii</i> Fern.	<i>Crocانthemum bicknellii</i> (Fern.) Barnhart	S1	S1
<i>Helianthemum propinquum</i> Bickn.	<i>Crocانthemum propinquum</i> (Bickn.) Bickn.	S1	S1
<i>Oxypolis ternata</i> (Nutt.) Heller	<i>Oxypolis denticulata</i> (Baldwin) J.R. Edmondson	SH	SH
<i>Pyxidantha barbulate</i> Michx. var. <i>barbulata</i>	<i>Pyxidantha barbulate</i> Michx.	G4	G4T4
<i>Stachys pilosa</i> Nutt. var. <i>arenicola</i> (Britt.) Mulligan & Monroe	<i>Stachys arenicola</i> Britt.	S1	S1
<i>Talinum mengesii</i> W. Wolf.	<i>Phemeranthus</i> sp. 1	S1	S1
<i>Tofieldia glutinosa</i> (Michx.) Pers.	<i>Triantha glutinosa</i> (Michx.) Pers.	G4G5	G5
<i>Tofieldia racemosa</i> (Walt.) B.S.P.	<i>Triantha racemosa</i> (Walt.) B.S.P.	G5	G5

13) Taxonomic changes made on the vascular plant watchlist:

<u>Old Scientific Name</u>	<u>New Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Brachyelytrum septentrionale</i> (Babel) G. Tucker	<i>Brachyelytrum aristosum</i> (Michx.) Trelease in Branner & Coville	S3	S3
<i>Dichantherium</i> sp. (= <i>Panicum lancearium</i> Trin.)	<i>Dichantherium sabulorum</i> (Lam.) Gould & C.A. Clark var. <i>patulum</i> (Scribn. & Merr. Gould & C.A. Clark	S3	S3
<i>Liatris turgida</i> Gaiser	<i>Liatris helleri</i> T.C. Porter	S3	S3
<i>Lycopodium annotinum</i> L.	<i>Spinulum annotinum</i> (L.) A. Haines	S3?	S3?
<i>Lycopodium dendroideum</i> Michx.	<i>Dendrolycopodium dendroideum</i> (Michx.) A. Haines	S3	S3
<i>Lycopodium hickeyi</i> W.H. Wagner, Beitel, & Moran	<i>Dendrolycopodium hickeyi</i> (W.H. Wagner, Beitel, & Moran) A. Haines	S3?	S3?
<i>Polygonum cilinode</i> Michx.	<i>Fallopia cilinodis</i> (Michx.) Holub	S3	S3

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 to staff botanist John Townsend at: Department of Conservation and Recreation, Division of Natural Heritage, 217 Governor Street, 3rd 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** showing the location or sketch a map of 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 if available.)

DATE OF THIS REPORT: