

NATURAL HERITAGE RESOURCES OF VIRGINIA:

RARE PLANTS

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

List Compiled by
John F. Townsend, Staff Botanist



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INTRODUCTION

The Virginia Department of Conservation and Recreation's Division of Natural Heritage (DCR-DNH) was established in 1986 to protect Virginia's biological diversity. DCR-DNH's work focuses on science-based conservation to protect Virginia's native plant and animal life and the ecosystems upon which it depends. Scientists collect data on natural communities and rare plants and animals, develop land conservation data and online mapping tools, and provide up-to-date information to enable timely conservation decisions. Virginia's Natural Area Preserve System provides long-term protection and outdoor recreation access to some of the state and the planet's most ecologically important lands. In collaboration with our partners, DCR-DNH's work focuses on ensuring the conservation of Virginia's common, rare and endangered species and ecosystems. As a member of [NatureServe](#), DCR's Natural Heritage Program also contributes to an understanding and conservation of our global biodiversity.

The first step in conservation is identifying and prioritizing what needs protecting. DCR-DNH identifies Natural Heritage Resources (NHR) which are in need of conservation attention. NHR 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.

To prioritize this protection, DCR-DNH maintains lists of the most significant elements of our natural diversity. These lists and reports, developed for plants and lichens, animals, and natural communities, focus the Division's inventory on the elements of biodiversity 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 inform land-use decisions. In formulating this list of rare plants and lichens, the Division uses information from previous studies, museum records, the observations and opinions of experts, DCR-DNH staff scientists, and field inventories.

The first section included in this report consists of three lists: Rare Vascular Plants, Rare Nonvascular Plants, and Rare Lichens. The nonvascular (liverworts and mosses) and lichens listed herein represent an attempt at designating imperiled species within these often-neglected groups. The lists are currently small compared to the vascular plant lists because the taxonomy and distributions of nonvascular plants are generally poorly known in Virginia at this time (with some exceptions).

Taxa placed on the rare lists are considered to be sufficiently rare or threatened in Virginia to merit tracking their status and population trends and conducting field inventory to locate new occurrences or update known occurrences. 'Sufficiently rare' includes species with

conservation status ranks of G1 through G3 and/or S1 through S2 (See [NatureServe Explorer](#) for detailed definitions), and/or are listed as threatened or endangered by the Commonwealth of Virginia (see [Virginia Department of Agriculture and Consumer Services](#)) or under the U.S. Endangered Species Act (see [U.S. Fish and Wildlife Service](#)). Each list is presented with information on the conservation and legal status of each vascular (n = 628) and nonvascular plant (n = 71) and each lichen (n = 25).

The second section is the Vascular Plant Watchlist. The watchlist contains information on the conservation and legal status of 230 additional vascular taxa that are decidedly uncommon in Virginia but are not scarce enough to merit inclusion on the Rare Vascular Plant List. Plants on this list are monitored to determine general population trends and potential threats. Some species included on the Plant Watchlist were formerly on the Rare Plant List but have been determined to be more common than previously believed. Other species on the Watchlist are declining and may warrant placement on the Rare Plant List in the future if their populations continue to decline. There is no watchlist for non-vascular plants or lichens at this time.

The third section 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 48 taxa in this category.

Several appendices are provided to aid in summarizing or highlighting the status of certain species. Appendix 1 summarizes the taxa which are officially protected by federal or state endangered species acts (all are also included within the rare species lists). 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. The [Virginia Plant and Insect Species Program](#) 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. 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. As of this publication, there are 18 federal and 34 state listed plant and lichen species in Virginia. One species included in this count, *Panax quinquefolius* (Ginseng), is state listed but appears on the DCR-DNH watchlist.

Appendix 2 highlights which species have had a change in rank or status since the previous list.

Natural Heritage Resource lists are necessarily dynamic and are revised frequently, 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 removed 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 filling out the [Rare Species Sighting Form](#) (see also Appendix 3).

LIST FORMAT

Lists for each category (vascular plants, nonvascular plants, and lichens) are alphabetized by scientific name. Each list has an identical format which presents six fields: scientific name, common name, global rank, state rank, federal status, and state status. To aid in the interpretation of the lists, a brief explanation of each field and a summary of abbreviations follow.

Column 1. Scientific name:

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

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

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

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

Column 2. Common name:

A common name is provided for the convenience of the user. Common names for plants follow Weakley, A.S., J.C. Ludwig, and J.F. Townsend, 2012. *Flora of Virginia*. Bland Crowder, ed. Foundation of the Flora of Virginia Project, Inc., Richmond. Fort Worth: Botanical Research Institute of Texas Press.

Column 3. Global rank:

Global ranks are assigned by NatureServe and its member programs (including DCR-DNH) and collaborators. They use a rigorous, consistent, and transparent methodology to assess the conservation status (extinction or extirpation risk) of species of plants, animals, and fungi, as well as the conservation status (elimination or extirpation risk) of ecosystems (ecological communities and systems). For plants and lichens, global ranks (a.k.a., 'G-rank') designate a rarity rank based on the range-wide status of a species or variety. The ranks are assigned after considering a suite of factors, including number of occurrences, number of individuals, and severity of threats. Visit [NatureServe's website](https://explorer.natureserve.org/AboutTheData/Statuses) to learn more about the methodology. Each rank is defined below (Source: NatureServe Explorer, 2020. Statuses. Accessed at <https://explorer.natureserve.org/AboutTheData/Statuses>):

G1 = Critically Imperiled — At very high risk of extinction or elimination due to very restricted range, very few populations or occurrences, very steep declines, very severe threats, or other factors.

G2 = Imperiled — At high risk of extinction or elimination due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.

G3 = Vulnerable — At moderate risk of extinction or elimination due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.

G4 = Apparently Secure — At fairly low risk of extinction or elimination due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors.

G5 = Secure — At very low risk of extinction or elimination due to a very extensive range, abundant populations or occurrences, and little to no concern from declines or threats.

GH = Possibly Extinct — Known from only historical occurrences but still some hope of rediscovery. Examples of evidence include (1) that a species has not been documented in approximately 20-40 years despite some searching and/or some evidence of significant habitat loss or degradation; (2) that a species has been searched for unsuccessfully, but not thoroughly enough to presume that it is extinct or eliminated throughout its range.

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. NOTE: Whenever possible (when the range of uncertainty is three consecutive ranks or less), a range rank (e.g., G2G3) should be used to delineate the limits (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 Taxon — The status of infraspecific taxa (subspecies or varieties) are indicated by a "T-rank" following the species' global rank. Rules for assigning T-ranks follow the same principles outlined above. For example, the global rank of a critically imperiled variety of an otherwise widespread and common species would be G5T1.

GNR = Unranked – Global rank not yet assessed.

GNA = Not Applicable — A conservation status rank is not applicable because the species or ecosystem is not a suitable target for conservation activities. A global conservation status rank may be not applicable for several reasons, related to its relevance as a conservation target. For species, typically the species is a hybrid without conservation value, or of domestic origin.

Column 4. State rank:

State ranks (a.k.a., S - rank) for plants and lichens are assigned by DCR-DNH Staff Botanist and incorporate similar methods used to assign 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 in the jurisdiction due to very restricted range, very few populations or occurrences, very steep declines, severe threats, or other factors.

S2 = Imperiled — At high risk of extirpation in the jurisdiction due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.

S3 = Vulnerable— At moderate risk of extirpation in the jurisdiction due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.

S4 = Apparently Secure— At a fairly low risk of extirpation in the jurisdiction due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors.

S5 = Secure— At very low or no risk of extirpation in the jurisdiction due to a very extensive range, abundant populations or occurrences, with little to no concern from declines or threats.

SH = Possibly Extirpated – Known from only historical records but still some hope of rediscovery. There is evidence that the species or ecosystem may no longer be present in the jurisdiction, but not enough to state this with certainty. Examples of such evidence include (1) that a species has not been documented in approximately 20-40 years despite some searching and/or some evidence of significant habitat loss or degradation; (2) that a species or ecosystem has been searched for unsuccessfully, but not thoroughly enough to presume that it is no longer present in the jurisdiction.

SX = Presumed Extirpated—Species is believed to be extirpated from the state. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered. Currently, there is only one plant species with a rank of SX, *Rhynchospora pallida*.

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?).

S_S_ = Rank is uncertain, but considered to be within the indicated range of ranks (e.g., S2S4).

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 (e.g., hybrids without conservation value and non-native species).

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." (Formerly Candidate, Category 1)

_ * = 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. There is enough available information to propose the species for listing, but listing is "precluded by other pending proposals of higher priority". (Formerly Candidate, Category 1)

The following tables summarize the ranks and legal status of the rarest vascular and nonvascular plants, and lichens tracked by DCR-DNH.

Summary of the rarest vascular and nonvascular plants, and lichens by Global and State Ranks

Rank ^a	Vascular Plants	Nonvascular Plants	Lichens
GH	1	0	0
G1	22	1	2

G2	37	7	4
G3	65	14	5
SX	1	0	0
SH	82	33	6
S1	419	35	16
S2	125	3	3

a: Rounded ranks (e.g., G1G2 is combined with G1, S2S3 with S2, G2G4 is treated as G3, S1S3 is treated as S2, etc.); also T ranks are treated as equivalent to G ranks for the purposes of this table.

Summary of vascular and nonvascular plants, and lichens by federal and state legal status

Legal Status ^b	Vascular Plants	Nonvascular Plants	Lichens
FE	9	0	1
FT	8	0	0
PFE	0	0	0
SE	16	0	0
PSE	3	0	0
ST	10	0	0
PST	5	0	0

b: FE = Federally Endangered; FT = Federally Threatened; SE = State Endangered; PSE = Proposed State Endangered; ST = State Threatened; PST = Proposed State Threatened.

Acknowledgements

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. Projects such as this tracking list and all associated conservation activities are best completed in collaboration with our partners. We are grateful and privileged to work with such professionals. We are grateful to NatureServe for all they do to support us and fellow Network members. Megan Rollins was instrumental in developing this document.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
VASCULAR PLANTS					
<i>Abies balsamea</i> (L.) P. Mill.	Balsam Fir	G5	S1		
<i>Abies fraseri</i> (Pursh) Poir.	Fraser Fir	G2	S1		
<i>Acmispon helleri</i> (Britton) A.A. Heller = <i>Lotus helleri</i> Britt.	Carolina Prairie-trefoil	G5T3	S1		
<i>Actaea rubifolia</i> (Kearney) Kartesz = <i>Cimicifuga rubifolia</i> Kearney	Appalachian black cohosh	G3	S1		
<i>Adiantum capillus-veneris</i> L.	Venus'-hair fern	G5	SH		
<i>Aeschynomene virginica</i> (L.) B.S.P.	Sensitive Joint-vetch	G2	S2	LT	LT
<i>Agalinis auriculata</i> (Michx.) Blake = <i>Tomanthera auriculata</i> (Michx.) Raf.	Earleaf false foxglove	G3	S1		
<i>Aletris aurea</i> Walt.	Golden Colicroot	G5	S1		
<i>Allium allegheniense</i> Small Under <i>A. cernuum</i> Roth in Fernald (1950) and Radford et al. (1968)	Allegheny onion	G3?	S1		
<i>Allium oxyphilum</i> Wherry	Shale barren nodding onion	G2	S1		
<i>Alnus incana</i> (L.) Moench ssp. <i>rugosa</i> (Du Roi) Clausen = <i>Alnus rugosa</i> (Du Roi) Spreng.	Speckled Alder	G5T5	S2		
<i>Amaranthus pumilus</i> Raf.	Sea-beach amaranth	G2	S1	LT	LT
<i>Amelanchier nantucketensis</i> Bickn.	Nantucket shadbush	G3Q	S1		
<i>Amphicarpum amphicarpon</i> (Pursh) Nash	Pine-barrens peanut grass	G4	S1		
<i>Anagallis minima</i> (L.) Krause = <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's bluestem	G4?	SH		
<i>Anemone berlandieri</i> Pritz.	Eastern prairie anemone	G4?	S1		
<i>Anemone canadensis</i> L.	Canada Anemone	G5	SH		
<i>Anthoxanthum hirtum</i> (Schrank) Y. Schouten & Veldkamp = <i>Hierochloa odorata</i> ssp. <i>odorata</i>	Holy grass	G5	S1		
<i>Arabis patens</i> Sullivant	Spreading rock cress	G3	S1		
<i>Arabis pycnocarpa</i> M. Hopk. var. <i>adpressipilis</i> M. Hopkins = <i>Arabis hirsuta</i> var. <i>adpressipilis</i> (M. Hopkins) Rollins	Hairy rock cress	G5T4Q	S1S2		
<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>	Spreading sandwort	G5T5	SH		
<i>Arethusa bulbosa</i> L.	Dragon's-mouth	G5	SH		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
VASCULAR PLANTS					
<i>Arnoglossum reniforme</i> (Hook.) H.E. Robins. = <i>Arnoglossum muehlenbergii</i> (Schultz-Bip.) H.E. Robins.	Great Indian-plantain	G4	S2		
<i>Asclepias longifolia</i> Michx.	Long-leaf Milkweed	G4G5	S1		
<i>Asclepias purpurascens</i> L.	Purple Milkweed	G5?	S2		
<i>Asclepias rubra</i> L.	Red Milkweed	G4G5	S2		
<i>Asclepias tuberosa</i> L. var. <i>rolfsii</i> (Britton ex Vail) Shinnery	Sandhills butterfly-weed	G5TNR	S1		
<i>Asplenium bradleyi</i> D.C. Eat.	Bradley's Spleenwort	G4	S2		
<i>Astragalus distortus</i> Torr. & Gray var. <i>distortus</i>	Ozark milkvetch	G5T5?	SH		
<i>Astragalus neglectus</i> (Torr. & Gray) Sheldon	Cooper's Milkvetch	G4	S2		
<i>Atriplex glabriuscula</i> Edmondston	Maritime orach	G5	SH		
<i>Bacopa caroliniana</i> (Walt.) B.L. Robins.	Blue water-hyssop	G4G5	SH		
<i>Bacopa innominata</i> (G. Maza) Alain Virginia material formerly named <i>B. stragula</i> Fern.	Tropical Water-hyssop	G3G5	S2		
<i>Bacopa rotundifolia</i> (Michx.) Wettst. Virginia material formerly named <i>B. simulans</i> Fern.	Round-leaf water-hyssop	G5	SH		
<i>Baptisia albescens</i> Small Treated as <i>B. alba</i> (L.) R. Brown in Fernald (1950)	Narrow-pod white wild indigo	G4	S1		
<i>Baptisia cinerea</i> (Raf.) Fern. & Schub.	Gray-hairy wild indigo	G3G4	SH		
<i>Bartonia verna</i> (Michx.) Raf. ex Bart.	Spring Bartonia	G5?	S1		
<i>Betula lenta</i> L. var. <i>uber</i> Ashe = <i>Betula uber</i> (Ashe) Fern.	Virginia Roundleaf birch	G1Q	S1	LT	LE
<i>Betula papyrifera</i> Marsh. Virginia material has traditionally been treated as <i>Betula cordifolia</i> but most populations closely resemble <i>B. papyrifera</i> . They are under study.	Paper Birch	G5	S2		
<i>Betula populifolia</i> Marsh.	Gray Birch	G5	S1		
<i>Boechnera dentata</i> (Rafinesque) Al-Shehbaz & Zarucchi = <i>Arabis shortii</i> (Fern.) Gleason	Short's rock cress	G5	S1		
<i>Boechnera serotina</i> (Steele) Windham & Al-Shehbaz = <i>Arabis serotina</i> Steele	Shale barren rock cress	G2	S2	LE	LT
<i>Bolboschoenus fluviatilis</i> (Torr.) Sojak = <i>Schoenoplectus fluviatilis</i> (Torr.) Strong	River Bulrush	G5	S2		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
VASCULAR PLANTS					
<i>Boltonia asteroides</i> (L.) L'Her. var. <i>glastifolia</i> (Hill) Fern.	Eastern doll's-daisy	G5TNR	S2		
<i>Boltonia montana</i> J.F. Townsend & V. Karaman-Castro	Valley doll's-daisy	G1G2	S1		LE
<i>Botrychium lanceolatum</i> (Gmel.) Angstr. var. <i>angustisegmentum</i> Pease & Moore	Triangle grape fern	G5T4	S1		
<i>Botrychium simplex</i> E. Hitchc. var. <i>simplex</i>	Dwarf grape fern	G5T3T4	S1		
<i>Bromus ciliatus</i> L.	Fringed brome grass	G5	S1		
<i>Bromus kalmii</i> Gray	Arctic brome	G5	S1		
<i>Buchnera americana</i> L.	American bluehearts	G5?	S1S2		
<i>Buckleya distichophylla</i> (Nutt.) Torr.	Piratebush	G3	S2		
<i>Burmannia biflora</i> L.	Violet Burmannia	G4G5	S1		
<i>Cabomba caroliniana</i> Gray	Carolina Fanwort	G5	S1S2		
<i>Calamovilfa brevipilis</i> (Torr.) Scribn.	Pine barren sandreed	G4	S1		
<i>Calopogon pallidus</i> Chapman	Pale Grass-pink	G4G5	S1		
<i>Calopogon tuberosus</i> (L.) B.S.P.	Tuberous Grass-pink	G5	S1S2		
<i>Calycanthus floridus</i> L.	Sweet-shrub	G5	S1		
<i>Calystegia catesbeiana</i> Pursh	Catesby's false bindweed	G3	S1		
<i>Camassia scilloides</i> (Raf.) Cory	Wild Hyacinth	G4G5	S1		
<i>Campanula rotundifolia</i> L.	Harebell	G5	S1		
<i>Cardamine clematitis</i> Shuttlw. ex Gray	Mountain Bittercress	G3	S1		
<i>Cardamine dissecta</i> (Leavenworth) Al-Shehbaz	Fork-leaf toothwort	G4?	S1		
<i>Cardamine flagellifera</i> O.E. Schulz	Blue Ridge bittercress	G3	S1		
<i>Cardamine micranthera</i> Rollins	Small-anthered Bittercress	G2	S2	LE	LE
<i>Cardamine pratensis</i> L.	Cuckoo-flower	G5	S1		
<i>Carex aestivaliformis</i> Mackenzie = <i>Carex x aestivaliformis</i> Mackenz	Small-fruited summer sedge	GNA	S1		
<i>Carex aquatilis</i> Wahlenb.	Aquatic sedge	G5	S1		
<i>Carex arctata</i> Boott ex Hook.	Black Sedge	G5	S1		
<i>Carex atherodes</i> Spreng.	Awned Sedge	G5	S1		
<i>Carex barrattii</i> Schwein. & Torr.	Barratt's Sedge	G4	S2		
<i>Carex bebbii</i> Olney ex Fern.	Bebb's Sedge	G5	S1		
<i>Carex buxbaumii</i> Wahlenb.	Brown Bog Sedge	G5	S2		
<i>Carex conoidea</i> Schkuhr ex Willd.	Field Sedge	G5	S1S2		
<i>Carex crawei</i> Dewey	Crawe's sedge	G5	S2		
<i>Carex cristatella</i> Britt.	Crested Sedge	G5	S1		
<i>Carex crus-corvi</i> Shuttlw. ex Kunze	Crowfoot sedge	G5	S2		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
VASCULAR PLANTS					
<i>Carex davisii</i> Schwein. & Torr.	Davis's sedge	G4	S1		
<i>Carex decomposita</i> Muhl.	Cypress-knee sedge	G3G4	S1		
<i>Carex flava</i> L.	Yellow sedge	G5	S1		
<i>Carex interior</i> Bailey	Inland Sedge	G5	S1S2		
<i>Carex juniperorum</i> Catling, Reznicek, & Crins	Juniper sedge	G3	S1		LE
<i>Carex lacustris</i> Willd.	Lake-shore sedge	G5	S1		
<i>Carex lasiocarpa</i> Ehrh. var. <i>americana</i> Fern.	Slender Sedge	G5T5	S1		
<i>Carex lupuliformis</i> Sartwell ex Dewey	False Hop Sedge	G4	S1S2		
<i>Carex manhartii</i> Bryson	Blue Ridge purple sedge	G3G4	S1		
<i>Carex molesta</i> Mackenzie ex Bright	Troublesome Sedge	G4	SU		
<i>Carex ormostachya</i> Wieg.	Necklace spike sedge	G4G5	S1		
<i>Carex pallescens</i> L.	Pale Sedge	G5	S1		
<i>Carex polymorpha</i> Muhl.	Variable Sedge	G3	S2		
<i>Carex prairea</i> Dewey ex Wood	Prairie Sedge	G5	S1		
<i>Carex reniformis</i> (Bailey) Small	Kidney sedge	G4?	S1		
<i>Carex roanensis</i> F.J. Herm.	Roan Mountain Sedge	G2G3	S2		
<i>Carex schweinitzii</i> Dewey ex Schwein.	Schweinitz's Sedge	G3G4	S1		
<i>Carex silicea</i> Olney	Sea-beach Sedge	G5	S1		
<i>Carex sterilis</i> Willd.	Sterile Sedge	G4G5	S1		
<i>Carex straminea</i> Willd. ex Schkuhr	Straw Sedge	G5	S1		
<i>Carex utriculata</i> Boott	Beaked Sedge	G5	S1		
<i>Carex vesicaria</i> L.	Inflated Sedge	G5	S1S2		
<i>Carex vestita</i> Willd.	Velvet sedge	G5	S2		
<i>Carex</i> sp. 2	A Sedge	G1	S1		
<i>Carphephorus bellidifolius</i> (Michx.) Torr. & Gray	Sandy-woods Chaffhead	G4	S1S2		
<i>Carphephorus tomentosus</i> (Michx.) Torr. & Gray	Wooly Chaffhead	G4	S1		
<i>Cartrema americana</i> (L.) Nesom	Wild Olive	G5	S1		
<i>Carya carolinae-septentrionalis</i> (Ashe) Engl. & Graebn.	Carolina shagbark hickory	G5?	S1		
<i>Cerastium velutinum</i> Raf. var. <i>velutinum</i> = <i>Cerastium arvense</i> ssp. <i>velutinum</i> (Raf.) Ugborogho	Field chickweed	G5T4?	S1S2		
<i>Cheilanthes alabamensis</i> (Buckl.) Kunze	Alabama lip fern	G4G5	S1		
<i>Cheilanthes castanea</i> Maxon	Chestnut lip fern	G5?	S2		
<i>Cheilanthes feei</i> T. Moore	Slender Lipfern	G5	S1		
<i>Chelone cuthbertii</i> Small	Cuthbert's Turtlehead	G3	S2		
<i>Chelone obliqua</i> L.	Red Turtlehead	G4	S1		

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VASCULAR PLANTS					
<i>Chenopodium foggii</i> H.A. Wahl	Fogg's goosefoot	G2G3	S1?		
<i>Chrysopsis gossypina</i> (Michx.) Ell.	Cottony Golden-aster	G5	S1		
<i>Cicuta bulbifera</i> L.	Bulb-bearing Water-hemlock	G5	SH		
<i>Cirsium altissimum</i> (L.) Hill	Tall Thistle	G5	S1		
<i>Cirsium carolinianum</i> (Walt.) Fern. & Schub.	Carolina Thistle	G5	S1		
<i>Cirsium nuttallii</i> DC.	Nuttall's Thistle	G5	SH		
<i>Cirsium repandum</i> Michx.	Sandhill thistle	G5	SH		
<i>Cirsium virginianum</i> (L.) Michx.	Virginia Thistle	G3	S2		
<i>Cladium jamaicense</i> Crantz	Sawgrass	G5T5	S1S2		
<i>Cleistesiospis bifaria</i> (Fernald) Pansarin & F. Barros	Small spreading pogonia	G4?	S2		
<i>Cleistesiospis divaricata</i> (L.) Pansarin & F. Barros	Large spreading pogonia	G4	S1		
<i>Cleistesiospis oricamporum</i> P.M. Brown	Coastal Plain Small Spreading Pogonia	G3?	S1		
<i>Clematis addisonii</i> Britt.	Addison's Leatherflower	G1?	S1?		PE
<i>Clematis catesbyana</i> Pursh	Satin-curles	G4G5	S1		
<i>Clematis occidentalis</i> (Hornem.) DC. var. <i>occidentalis</i> = <i>Clematis verticillaris</i> DC.	Purple Clematis	G5T5	S1		
<i>Clematis viticaulis</i> Steele	Millboro Leatherflower	G1	S1S2		LT
<i>Clinopodium arkansanum</i> (Nutt.) House = <i>Satureja arkansana</i> (Nutt.) Briq. often confused with <i>Calamintha glabella</i> (Michx.) Benth.	Limestone calamint	G5	SH		
<i>Cocculus carolinus</i> (L.) DC. Only native Virginia populations are monitored	Carolina coralbead	G5	S1		
<i>Coelorachis rugosa</i> (Nutt.) Nash = <i>Manisuris rugosa</i> (Nutt.) Kuntze	Wrinkled Jointgrass	G5	S1		
<i>Collinsia verna</i> Nutt.	Eastern blue-eyed mary	G5	S1		
<i>Collinsonia verticillata</i> Baldw.	Whorled horsebalm	G3G4	S1		
<i>Conioselinum chinense</i> (L.) B.S.P.	Hemlock Parsley	G5	S1		
<i>Corallorhiza bentleyi</i> Freudenstein	Bentley's coralroot	G2	S2		LE
<i>Corallorhiza maculata</i> (Raf.) Raf. var. <i>occidentalis</i> (Lindl.) Ames	Western Spotted Coralroot	G5T3T5	SH		
<i>Corallorhiza trifida</i> Chatelain	Early Coralroot	G5	S1		
<i>Coreopsis delphiniifolia</i> Lam.	Larkspur coreopsis	G3?	S1		
<i>Coreopsis falcata</i> Boynt.	Pool Coreopsis	G4G5	S1		
<i>Coreopsis linifolia</i> Nutt. = <i>Coreopsis oniscicarpa</i> Fern.	Savanna coreopsis	G4Q	S1		

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VASCULAR PLANTS					
<i>Cornus canadensis</i> L.	Bunchberry	G5	S1		
<i>Cornus obliqua</i> Raf.	Silky Dogwood	G5	S1		
<i>Cornus rugosa</i> Lam.	Round-leaf dogwood	G5	S1		
<i>Crataegus calpodendron</i> (Ehrh.) Medik.	Pear Hawthorn	G5	S1		
<i>Crataegus mollis</i> Scheele var. <i>mollis</i>	Downy hawthorn	G5T5	S1		
<i>Crataegus succulenta</i> Schrad. ex Link var. <i>neofluvialis</i> Schrad. ex Link (Ashe) Palmer	New River hawthorn	G5TNR	SH		
<i>Crataegus succulenta</i> Schrad. ex Link var. <i>succulenta</i>	Fleshy Hawthorn	G5T5	S1		
<i>Crocanthemum bicknellii</i> (Fernald) Janchen	Plains Frostweed	G5	S1		
<i>Crocanthemum propinquum</i> (Bickn.) Bickn.	Low Frostweed	G4	S1		
<i>Crotalaria purshii</i> DC.	Pursh's rattlebox	G5	S1		
<i>Crotalaria rotundifolia</i> Walt. ex J.F. Gmel. var. <i>vulgaris</i> Windler = <i>Crotalaria angulata</i> P. Mill. sensu Senn	Low rattlebox	G5TNR	SH		
<i>Ctenium aromaticum</i> (Walt.) Wood	Toothache Grass	G5	S1		
<i>Cuscuta cephalanthi</i> Engelm.	Buttonbush dodder	G5	S1		
<i>Cuscuta coryli</i> Engelm.	Hazel Dodder	G5?	S2		
<i>Cuscuta indecora</i> Choisy	Big-seed Alfalfa dodder	G5	S1		
<i>Cuscuta polygonorum</i> Engelm.	Smartweed Dodder	G5	S1		
<i>Cuscuta rostrata</i> Shuttlw. ex Engelm. & Gray	Beaked Dodder	G4	S1S2		
<i>Cuthbertia graminea</i> Small = <i>Callisia graminea</i> (Small) G. Tucker = <i>Tradescantia rosea</i> var. <i>graminea</i> (Small) E.S.Anderson & Woods.	Grasslike roselings	G5	S1		
<i>Cyperus acuminatus</i> Torr. & Hook. ex Torr.	Short-point Flatsedge	G5	S1		
<i>Cyperus dentatus</i> Torr.	Toothed flatsedge	G4	S1		
<i>Cyperus diandrus</i> Torr.	Umbrella Flatsedge	G5	S1		
<i>Cyperus granitophilus</i> McVaugh	Granite flatsedge	G3G4Q	S1		
<i>Cyperus houghtonii</i> Torr.	Houghton's flatsedge	G4?	SH		
<i>Cyperus odoratus</i> L. var. <i>engelmannii</i> (Steud.) R. Carter & S.D. Jones	Slender sand sedge	G4Q	S1		
<i>Cyperus plukenetii</i> Fern.	Plukenet's flatsedge	G5	S2		
<i>Cypripedium candidum</i> Muhl. ex Willd.	Small White Lady's-slipper	G4	S1		
<i>Cypripedium kentuckiense</i> C.F. Reed	Kentucky Lady's-slipper	G3	S1		
<i>Cypripedium reginae</i> Walt.	Showy Lady's-slipper	G4G5	S1		
<i>Cystopteris tennesseensis</i> Shaver	Tennessee bladder fern	G5	S1		
<i>Dasistoma macrophyllum</i> (Nutt.) Raf.	Mullein Foxglove	G4	S1		

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VASCULAR PLANTS					
<i>Deschampsia cespitosa</i> (L.) Beauv.	Tufted Hairgrass	G5	S1		
<i>Desmodium canadense</i> (L.) DC.	Showy Tick-trefoil	G5	S1		
<i>Desmodium cuspidatum</i> (Muhl. ex Willd.) DC. ex Loud. var. <i>cuspidatum</i>	Toothed Tick-trefoil	G5T5?	S2		
<i>Desmodium ochroleucum</i> M.A. Curtis ex Canby	Cream-flowered tick-trefoil	G2G3	S1		
<i>Desmodium sessilifolium</i> (Torr.) Torr. & Gray	Sessile-leaf Tick-trefoil	G5	S2		
<i>Desmodium strictum</i> (Pursh) DC.	Pineland Tick-trefoil	G4	S2		
<i>Desmodium tenuifolium</i> Torr. & Gray	Slim-leaf Tick-trefoil	G4	S1		
<i>Diamorpha smallii</i> Britt. ex Small	Small's Stonecrop	G4	S1		
= <i>Sedum smallii</i> (Britt. ex Small) Ahles					
<i>Dichanthelium appalachiense</i> Townsend & LeBlond	Appalachian witch grass	GNR	S1		
<i>Dichanthelium caerulescens</i> (Hack. ex A.S. Hitchc.) D.S. Correll	Blue Panic Grass	G2G3	S1		
= <i>Panicum caerulescens</i> Hack ex A.S. Hitchc. Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999)					
<i>Dichanthelium consanguineum</i> (Kunth) Gould & C.A. Clark	Blood panic grass	G5	S1S2		
= <i>Panicum consanguineum</i> Kunth					
<i>Dichanthelium cryptanthum</i> (Ashe) LeBlond	Hidden-flowered panic grass	G3G4Q	S1		
= <i>Panicum scabriusculum</i> (Ell.) Gould & Clark var. <i>cryptanthum</i> (Ashe) Gleason					
<i>Dichanthelium curtifolium</i> (Nash) LeBlond	Short-leaved witchgrass	G4T3?	S1		
<i>Dichanthelium harvillii</i> Ludwig & LeBlond	Harvill's witch grass	GNR	S1		
<i>Dichanthelium ovale</i> (Ell.) Gould & C.A. Clark var. <i>ovale</i>	Oval-flowered panic grass	G5T5	S1?		
= <i>Panicum ovale</i> Ell. var. <i>ovale</i>					
<i>Dichanthelium strigosum</i> (Muhl. ex Ell.) Freckmann var. <i>strigosum</i>	Rough-hair panic grass	G5T5	SH		
= <i>Panicum strigosum</i> Muhl. ex Ell. var. <i>strigosum</i>					
<i>Didiplis diandra</i> (Nutt. ex DC.) Wood	Water-purslane	G5	S1		
= <i>Peplis diandra</i> Nutt. ex DC.					
<i>Digitaria cognata</i> (J.A. Schultes) Pilger	Fall witch grass	G5	S1		
= <i>Leptoloma cognatum</i> (Schultes) Chase					
<i>Digitaria serotina</i> (Walt.) Michx.	Dwarf Crabgrass	G5?	S1		
<i>Drymocallis arguta</i> (Pursh) Rydb.	Tall Cinquefoil	G5	S1		

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VASCULAR PLANTS					
= <i>Potentilla arguta</i> Pursh					
<i>Dryopteris clintoniana</i> (D.C. Eat.) Dowell	Clinton's wood fern	G5	SH		
<i>Echinacea laevigata</i> (C.L. Boynt. & Beadle) Blake	Smooth Coneflower	G2G3	S2	LE	LT
<i>Echinocystis lobata</i> (Michx.) Torr. & Gray	Wild cucumber	G5	SH		
<i>Echinodorus tenellus</i> (Mart.) Buch. = <i>Echinodorus parvulus</i> Engelm.	Dwarf Burhead	G5?	S1		
<i>Elatine minima</i> (Nutt.) Fisch. & C.A. Mey.	Small waterwort	G5	S1		
<i>Eleocharis baldwinii</i> (Torr.) Chapman	Baldwin's spikerush	G4G5	S1		
<i>Eleocharis bifida</i> S.G. Sm.	Glades spikerush	G3G4	S1		
<i>Eleocharis compressa</i> Sullivant var. <i>compressa</i>	Flattened spikerush	G4	S2		
<i>Eleocharis elliptica</i> Kunth	Elliptic Spikerush	G5	S1		
<i>Eleocharis equisetoides</i> (Ell.) Torr.	Horsetail spikerush	G4	S1		
<i>Eleocharis intermedia</i> J.A. Schultes	Matted Spikerush	G5	S1		
<i>Eleocharis melanocarpa</i> Torr.	Black-fruited Spikerush	G4	S2		
<i>Eleocharis radicans</i> (A. Dietr.) Kunth	Rooted Spikerush	G5	SH		
<i>Eleocharis robbinsii</i> Oakes	Robbins' spikerush	G4G5	S1		
<i>Eleocharis tricostata</i> Torr.	Three-angled spikerush	G4	S1		
<i>Eleocharis uniglumis</i> (Link) J.A. Schultes	One-scale Spikerush	G5	S1		
formerly listed as <i>Eleocharis</i> <i>halophila</i>					
<i>Eleocharis vivipara</i> Link	Viviparous Spikerush	G5	S1		
<i>Eleocharis wolfii</i> (Gray) Gray ex Britt.	Wolf's spikerush	G3G5	S1		
<i>Elymus canadensis</i> L. var. <i>canadensis</i>	Nodding wild rye	G5	S1		
<i>Elymus trachycaulus</i> (Link) Gould ex Shinners ssp. <i>trachycaulus</i> = <i>Agropyron trachycaulum</i> (Link) Malte ex H.F. Lewis	Slender Wheatgrass	G5T5	S1		
<i>Enemion biternatum</i> Raf. = <i>Isopyrum biternatum</i> (Raf.) Torr. & Gray	False Rue-anemone	G5	S1		
<i>Epilobium ciliatum</i> Raf. ssp. <i>ciliatum</i>	American willow-herb	G5T5	S1		
<i>Epilobium leptophyllum</i> Raf.	Bog willow-herb	G5	S2S3		
<i>Equisetum fluviatile</i> L.	Water Horsetail	G5	S1		
<i>Equisetum sylvaticum</i> L.	Woodland Horsetail	G5	S1		
<i>Erigeron vernus</i> (L.) Torr. & Gray	White-top Fleabane	G5	S2		
<i>Eriocaulon aquaticum</i> (Hill) Druce	Seven-angled pipewort	G5	S1		
<i>Eriocaulon decangulare</i> L. var. <i>decangulare</i>	Ten-angled pipewort	G5T5?	S2		
<i>Eriocaulon parkeri</i> B.L. Robins.	Parker's Pipewort	G3	S2		

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VASCULAR PLANTS					
<i>Eryngium integrifolium</i> Walt.	Blue-flower eryngo	G5	S1		
<i>Eryngium yuccifolium</i> Michx. var. <i>yuccifolium</i>	Northern rattlesnake-master	G5T5	S2		
<i>Erysimum capitatum</i> (Dougl. ex Hook.) Greene var. <i>capitatum</i> All Virginia <i>E. capitatum</i> is var. <i>capitatum</i>	Western Wallflower	G5TNR	S2		
<i>Erythronium albidum</i> Nutt.	White trout lily	G5	S2		
<i>Eupatorium linearifolium</i> Walt.	Narrow-leaf bushy thoroughwort	G5TNR	SH		
<i>Eupatorium maritimum</i> E.E. Schill. Newly named taxon, formerly lumped with <i>Eupatorium anomalum</i> Nash	A Eupatorium	G2?	S1		
<i>Euphorbia bombensis</i> Jacq. = <i>Chamaesyce bombensis</i> (Jacq.) Dugand	Southern seaside spurge	G4G5	S2		
<i>Euphorbia exserta</i> (Small) Coker	Maroon sandhills spurge	G4?	S1		
<i>Euphorbia purpurea</i> (Raf.) Fern.	Glade Spurge	G3	S2		
<i>Eurybia radula</i> (Ait.) Nesom = <i>Aster radula</i> Ait.	Low rough aster	G5	S1		
<i>Eurybia surculosa</i> (Michx.) Nesom = <i>Aster surculosus</i> Michx.	Creeping Aster	G4G5	S1S2		
<i>Eutrochium maculatum</i> (L.) E.E. Lamont var. <i>maculatum</i> = <i>Eupatorium maculatum</i> var. <i>maculatum</i>	Spotted Joe-pye-weed	G5T5	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>Fleischmannia incarnata</i> (Walt.) King & H.E. Robins. = <i>Eupatorium incarnatum</i> Walt.	Pink Thoroughwort	G5	S2		
<i>Fragaria vesca</i> L. var. <i>americana</i> Porter All native <i>F. vesca</i> is var. <i>americana</i>	Woodland Strawberry	G5T5	S1		
<i>Fuirena breviseta</i> (Coville) Coville Under <i>F. squarrosa</i> Michx. in Radford et al. (1968)	Short-bristled umbrella-sedge	G5	SH		

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VASCULAR PLANTS					
<i>Gaylussacia brachycera</i> (Michx.) Gray	Box Huckleberry	G3	S1		
<i>Gentiana autumnalis</i> L.	Pine barren gentian	G3	S1		
<i>Gentianella quinquefolia</i> (L.) Small var. <i>occidentalis</i> (L.) A. Gray	Western stiff gentian	G5T4T5	S1		
<i>Gentianopsis crinita</i> (Froel.) Ma	Greater fringed gentian	G5	S1		
<i>Geum aleppicum</i> Jacq.	Yellow Avens	G5	SH		
<i>Geum laciniatum</i> Murr.	Rough Avens	G5	S1		
<i>Gillenia stipulata</i> (Muhl. ex Willd.) Nutt.	American Ipecac	G5	S1		
= <i>Porteranthus stipulatus</i> (Muhl. ex Willd.) Britt.					
<i>Glyceria grandis</i> S. Wats. var. <i>grandis</i>	American Mannagrass	G5T5	S1		
<i>Glyceria laxa</i> (Scribn.) Scribn.	Northern Mannagrass	G5	S1		
<i>Gnaphalium uliginosum</i> L.	Low Cudweed	G5	S1		
<i>Goodyera repens</i> (L.) R. Br. ex Ait. f.	Dwarf Rattlesnake-plantain	G5	S1		
<i>Gratiola ramosa</i> Walt.	Branched hedge-hyssop	G4G5	S1		
<i>Harperella nodosa</i> Rose	Harperella	G2	S1	LE	LE
= <i>Ptilimnium nodosum</i> (Rose) Mathias					
<i>Helenium brevifolium</i> (Nutt.) Wood	Short-leaf sneezeweed	G4	S2		
<i>Helenium virginicum</i> Blake	Virginia Sneezeweed	G3	S2	LT	LE
<i>Helianthus occidentalis</i> Riddell ssp. <i>occidentalis</i>	Western sunflower	G5T5	S1		
<i>Heliotropium curassavicum</i> L. var. <i>curassavicum</i>	Seaside Heliotrope	G5T5	S1		
<i>Helonias bullata</i> L.	Swamp-pink	G3	S2S3	LT	LE
<i>Heteranthera pauciflora</i> C.N. Horn	Mud plantain	G3?	S1		
Formerly listed as <i>H. multiflora</i> , which was split. Our plants now classified as <i>H. pauciflora</i>					
<i>Heuchera alba</i> Rydb.	White Alumroot	G2Q	S1		
<i>Heuchera caroliniana</i> (Rosendahl, Butters & Lakela) E. Wells	Carolina alumroot	G3	S1		
<i>Hexastylis contracta</i> Blomquist	Mountain heartleaf	G3	S1		
<i>Honckenya peploides</i> (L.) Ehrh. ssp. <i>robusta</i> (Fern.) Hulten	Sea-beach Sandwort	G5T5	SH		
= <i>Honkenya peploides</i> (L.) Ehrh.					
= <i>Arenaria peploides</i> L. var. <i>robusta</i> Fern.					
<i>Hordeum jubatum</i> L. ssp. <i>jubatum</i>	Fox-tail barley	G5T5	S1		
Only native Virginia occurrences are monitored					
<i>Houstonia canadensis</i> Willd. ex Roemer & J.A. Schultes	Canada Bluets	G4G5	S2		
= <i>Hedyotis canadensis</i> (Willd. ex Roemer & J.A. Schultes) Fosberg					
<i>Houstonia montana</i> Small	Roan mountain bluet	G5T2	S1	LE	PT

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VASCULAR PLANTS					
= <i>Houstonia purpurea</i> var. <i>montana</i> (Small) Terrell					
<i>Houstonia nigricans</i> (Lam.) Fern. var. <i>nigricans</i>	Glade bluets	G5T5	S1		
= <i>Hedyotis nigricans</i> (Lam.) Fosberg					
<i>Huperzia appressa</i> (Desv.) A. Löve & D. Löve	Appalachian Fir clubmoss	G5	S2		
= <i>Huperzia appalachiana</i> Beitel & Mickel	Includes apparent hybrids between <i>H. appressa</i> and <i>H. lucidula</i>				
<i>Huperzia porophila</i> (Lloyd & Underwood) Holub	Rock Clubmoss	G4	S1		
= <i>Lycopodium porophilum</i> Lloyd & Underwood					
<i>Hydrocotyle bonariensis</i> Comm. ex Lam.	Coastal water-pennywort	G5	S2		
<i>Hypericum adpressum</i> Raf. ex W. Bart.	Bog St. John's-wort	G3	S1		
<i>Hypericum boreale</i> (Britt.) Bickn.	Northern St. John's-wort	G5	S2		
<i>Hypericum densiflorum</i> Pursh var. <i>interior</i> (Small) Sorrie & Weakley	Interior bushy St. John's-wort	G5TNR	S1		
<i>Hypericum denticulatum</i> Walt.	Coppery St. John's-wort	G5	S1		
Does not include <i>H. virgatum</i> (= <i>H. denticulatum</i> var. <i>acutifolium</i> Ell.)					
<i>Hypericum ellipticum</i> Hook.	Pale St. John's-wort	G5	S1		
<i>Hypericum fraseri</i> (Spach) Steudel	Fraser's Marsh St. John's-wort	G5	S2		
= <i>Triadenum fraseri</i> (Spach) Gleason					
<i>Hypericum lloydii</i> (Svens.) P. Adams	Sandhill St. John's-wort	G4?	SH		
<i>Hypericum setosum</i> L.	Hairy St. John's-wort	G4G5	S1S2		
<i>Hypericum tubulosum</i> Walt.	Lesser marsh St. John's-wort	G4?	S2		
= <i>Triadenum tubulosum</i> (Walt.) Gleason					
<i>Hypoxis sessilis</i> L.	Glossy-seed yellow stargrass	G4	SH		
= <i>Hypoxis longii</i> Fern.					
Includes <i>H. longii</i> Fern.					
<i>Ilex collina</i> Alexander	Long-stalked Holly	G3	S1		LE
= <i>Nemopanthus collinus</i> (Alexander) R. Clark					
<i>Ilex coriacea</i> (Pursh) Chapman	Big gallberry	G5	S1		
<i>Iliamna corei</i> Sherff	Peters Mountain mallow	G1	S1	LE	LE
<i>Iliamna remota</i> Greene	Kankakee mallow	G1Q	S1		
<i>Isoetes appalachiana</i> D.F. Brunton & D.M. Britton	Appalachian quillwort	G4	S1		
<i>Isoetes hyemalis</i> D.F. Brunton	Winter Quillwort	G2G3	S2		
<i>Isoetes lacustris</i> L.	Lake Quillwort	G5	SH		
<i>Isoetes mattaponica</i> L.J. Musselman	Mattaponi quillwort	GNR	S2		
<i>Isoetes melanopoda</i> Gay & Durieu ex Durieu	Black-footed quillwort	G5	S1		

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VASCULAR PLANTS					
<i>Isoetes piedmontana</i> (N.E. Pfeiffer) C.F. Reed	Piedmont Quillwort	G4	S1		
<i>Isoetes virginica</i> N.E. Pfeiffer	Virginia Quillwort	G1	S1		LE
<i>Isotria medeoloides</i> (Pursh) Raf.	Small Whorled Pogonia	G2G3	S2	LT	LE
<i>Iva imbricata</i> Walt.	Dune marsh-elder	G5?	S1		
<i>Juncus articulatus</i> L.	Jointed Rush	G5	S1		
<i>Juncus balticus</i> Willd. var. <i>littoralis</i> Engelm.	Baltic Rush	G5T5	S1		
<i>Juncus brachycephalus</i> (Engelm.) Buch.	Small-headed rush	G5	S2		
<i>Juncus brevicaudatus</i> (Engelm.) Fern.	Narrow-panicked Rush	G5	S2		
<i>Juncus caesariensis</i> Coville	New Jersey Rush	G2G3	S2		LT
<i>Juncus elliotii</i> Chapman	Bog Rush	G4G5	S1		
<i>Juncus megacephalus</i> M.A. Curtis	Big-headed rush	G4G5	S2		
<i>Juncus nodosus</i> L.	Knotted Rush	G5	S1		
<i>Juncus pelocarpus</i> E. Mey.	Brown-fruited Rush	G5	S2		
<i>Juncus torreyi</i> Coville	Torrey's Rush	G5	S1		
<i>Juncus trifidus</i> L.	Highland Rush	G5	S1		
<i>Juniperus communis</i> L. var. <i>depressa</i> Pursh	Ground Juniper	G5T5	S1		
At least one Virginia population thought to be var. <i>depressa</i> has been redetermined as the introduced var. <i>communis</i> . Other populations should be re-examined.					
<i>Kalmia angustifolia</i> L.	Sheep laurel	G5	S2		
<i>Kalmia carolina</i> Small	Carolina laurel	G4	S2		
= <i>Kalmia angustifolia</i> var. <i>carolina</i> (Small) Fern.					
<i>Lachnanthes caroliniana</i> (Lam.) Dandy	Redroot	G4	SH		
<i>Lachnocaulon anceps</i> (Walt.) Morong	Common bog-buttons	G5	S1		
<i>Lathyrus palustris</i> L.	Marsh pea	G5	S1		
<i>Lechea intermedia</i> Leggett ex Britt. var. <i>intermedia</i>	Round-fruit pinweed	G5T4T5	SH		
<i>Leersia hexandra</i> Sw.	Southern cutgrass	G5	SH		
<i>Lemna trisulca</i> L.	Star Duckweed	G5	S1		
<i>Leucothoe fontanesiana</i> (Steud.) Sleumer	Highland Dog-hobble	G5	S1S2		
= <i>Leucothoe axillaris</i> (Lam.) var. <i>editorum</i> (Fern. & Shub.) Ahles					
<i>Lilaeopsis carolinensis</i> Coult. & Rose	Carolina Lilaeopsis	G3G5	S1		
<i>Lilium catesbaei</i> Walt.	Pine lily	G4	S1		
<i>Lilium grayi</i> S. Wats.	Gray's Lily	G1G2	S1		

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VASCULAR PLANTS					
Includes low-elevation (< 1200 m.) occurrences, which are likely intergrades between <i>L. grayi</i> and <i>L. canadense</i>					
<i>Lilium pyrophilum</i> M.W.Skinner & Sorrie	sandhills bog lily	G2	S1		
Virginia occurrences alleged to be closer genetically to <i>Lilium superbum</i> than typical <i>L. pyrophilum</i> of the Carolinas					
<i>Limosella australis</i> R. Br.	Mudwort	G5	SH		
= <i>Limosella subulata</i> Ives					
<i>Liparis loeselii</i> (L.) L.C. Rich.	Bog twayblade	G5	S2		
<i>Lipocarpa maculata</i> (Michx.) Torr.	American halfchaff sedge	G5	S1		
<i>Lipocarpa micrantha</i> (Vahl) G. Tucker	Small-flower halfchaff sedge	G5	S2		
= <i>Hemicarpha micrantha</i> (Vahl) Pax					
<i>Lithospermum carolinense</i> (Walt. ex J.F. Gmel.) MacM.	Golden Puccoon	G4G5	S1		
<i>Lithospermum virginianum</i> L.	Virginia false gromwell	G4	S2		
= <i>Onosmodium virginianum</i> (L.) A. DC.					
<i>Litsea aestivalis</i> (L.) Fern.	Pondspice	G3?	S1		
<i>Lobelia elongata</i> Small	Long-leaf lobelia	G4G5	S1		
<i>Ludwigia alata</i> Ell.	Winged Seedbox	G3G5	S1		
<i>Ludwigia brevipes</i> (B.H. Long ex Britt., A. Braun & Small) Eames	Long Beach Seedbox	G2	S2		
<i>Ludwigia hirtella</i> Raf.	Rafinesque's seedbox	G5	S2		
<i>Ludwigia pilosa</i> Walt.	Hairy Seedbox	G5	S1		
<i>Ludwigia ravenii</i> Peng	Raven's Seedbox	G1G2	S1		PE
<i>Ludwigia virgata</i> Michx.	Savanna Seedbox	G5	SH		
<i>Lycopodiella inundata</i> (L.) Holub	Northern Bog Clubmoss	G5	S1		
= <i>Lycopodium inundatum</i> L.					
<i>Lysimachia hybrida</i> Michx.	Lowland loosestrife	G5	S2		
<i>Lysimachia quadriflora</i> Sims	Prairie loosestrife	G5?	S1		
<i>Lysimachia radicans</i> Hook.	Trailing Loosestrife	G4G5	SH		
<i>Lythrum alatum</i> Pursh	Winged loosestrife	G5	S2		
<i>Lythrum lanceolatum</i> Ell.	Lance-leaf loosestrife	G5T5	SH		
= <i>Lythrum alatum</i> 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 Solomon's-plume	G5	S1S2		
<i>Malaxis bayardii</i> Fern.	Appalachian Adder's-mouth	G1G2	SH		
<i>Malvastrum angustum</i> A. Gray	Hispid false mallow	G3G5	S1		
= <i>Malvastrum hispidum</i> (Pursh) Hochr.					

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VASCULAR PLANTS					
<i>Manfreda virginica</i> (L.) Salisb. ex Rose = <i>Agave virginica</i> L.	Eastern False-aloe	G5	S2		
<i>Marshallia legrandii</i> Weakley	Tall Barbara's-buttons	G1	S1		
<i>Marshallia obovata</i> (Walt.) Beadle & F.E. Boynt. var. <i>obovata</i>	Piedmont Barbara's-buttons	G4G5T3T5	S1		
<i>Matelea decipiens</i> (Alexander) Woods.	Old-field Milkvine	G5	S1		
<i>Matteuccia struthiopteris</i> (L.) Todaro var. <i>pennsylvanica</i> (Willd.) Morton	Ostrich Fern	G5T5	S1		
<i>Melica nitens</i> (Scribn.) Nutt. ex Piper	Three-flower Melic Grass	G5	S1		
<i>Menyanthes trifoliata</i> L.	Buckbean	G5	S1		
<i>Micranthemum micranthemoides</i> (Nutt.) Wettst.	Nuttall's Micranthemum	GH	SH		
<i>Micranthemum umbrosum</i> (J.F. Gmel.) Blake	Shade Mudflower	G5	S2		
<i>Micranthes careyana</i> (A. Gray) Small = <i>Saxifraga careyana</i> Gray	Carey's saxifrage	G3	S1		
<i>Mimosa microphylla</i> Dry. = <i>Schrankia microphylla</i> (Dry.) J.F. Macbr.	Little-leaf sensitive-brier	G5T5	S1		
<i>Mimulus moschatus</i> Dougl. ex Lindl.	Muskflower	G5	SH		
<i>Minuartia caroliniana</i> (Walt.) Mattf.	Carolina sandwort	G5	SH		
<i>Minuartia groenlandica</i> (Retz.) Ostenf.	Mountain Sandwort	G5	S1		
<i>Mitreola petiolata</i> (J.F. Gmel.) Torr. & Gray = <i>Cynoctonum mitreola</i> (L.) Britt.	Lax Hornpod	G5	S1		
<i>Mitreola sessilifolia</i> (J.F. Gmel.) G. Don = <i>Cynoctonum sessilifolium</i> J.F. Gmel.	Swamp hornpod	G4G5	S1		
<i>Moehringia lateriflora</i> (L.) Fenzl = <i>Arenaria lateriflora</i> L.	Grove Sandwort	G5	S1		
<i>Monarda fistulosa</i> L. var. <i>brevifolia</i> Fosberg & Artz	Smoke Hole Bergamot	G5T1T2	SH		
<i>Morella pumila</i> (Michaux) Small	Dwarf wax myrtle	G5TNR	S1		
<i>Muhlenbergia bushii</i> Pohl Includes <i>M. brachyphylla</i> Bush	Bush's Muhly	G5	S1		
<i>Muhlenbergia cuspidata</i> (Torr. ex Hook.) Rydb.	Plains Muhly	G5	S2		
<i>Muhlenbergia expansa</i> (Poir.) Trin. = <i>Muhlenbergia capillaris</i> var. <i>trichopodes</i> (Ell.) Vasey	Cut-over Muhly	G5T5	SH		
<i>Muhlenbergia glabriflora</i> Scribn.	Inland muhly	G4?	SH		
<i>Muhlenbergia glomerata</i> (Willd.) Trin.	Marsh Muhly	G5	S2		
<i>Myrica gale</i> L.	Sweet gale	G5	S1		
<i>Myriophyllum humile</i> (Raf.) Morong	Low Water-milfoil	G5	S1		

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VASCULAR PLANTS					
<i>Myriophyllum laxum</i> Shuttlw. ex Chapman	Loose water-milfoil	G3	SH		
<i>Nabalus autumnalis</i> (Walt.) Weakley = <i>Nuphar lutea</i> ssp. <i>sagittifolia</i> (Walt.) E.O. Beal	Slender Rattlesnake-root	G4G5	S1		
<i>Napaea dioica</i> L.	Glade Mallow	G4	SH		
<i>Nestronia umbellula</i> Raf.	Nestronia	G4	S1		
<i>Nuphar sagittifolia</i> (Walt.) Pursh	Narrow-leaved Spatterdock	G5T2	S1		LT
<i>Nymphoides aquatica</i> (J.F. Gmel.) Kuntze	Big floating heart	G5	S1		
<i>Oenothera riparia</i> Nuttall = <i>Oenothera 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	S1S2		
<i>Oldenlandia boscii</i> (DC.) Chapman = <i>Hedyotis boscii</i> DC.	Bosc's Bluet	G5	S1		
<i>Ophioglossum petiolatum</i> Hook.	Long-stem adder's-tongue	G5	S1		
<i>Ophioglossum pusillum</i> Raf. = <i>Ophioglossum vulgatum</i> var. <i>pseudopodium</i> (Blake) Farw.	Northern adder's-tongue	G5	SH		
<i>Orbexilum onobrychis</i> (Nutt.) Rydb. = <i>Psoralea onobrychis</i> Nutt.	Lance-leaf scurfpea	G5	SH		
<i>Orthilia secunda</i> (L.) House = <i>Pyrola secunda</i> L.	One-sided shinleaf	G5	SH		
<i>Oryzopsis asperifolia</i> Michx.	Rough-leaved ricegrass	G5	S1		
<i>Osmundastrum cinnamomeum</i> (L.) C. Presl var. <i>glandulosum</i> (Waters) McAvoy	Glandular Cinnamon Fern	G5TNR	S1		
<i>Oxypolis ternata</i> (Nutt.) Heller In Harvill as <i>Oxypolis filiformis</i> .	Savanna cowbane	G3	SH		
<i>Packera crawfordii</i> (Britton) A.M. Mahoney & R.R. Kowal	Crawford's ragwort	G2	S1		
<i>Packera millefolium</i> (Torr. & Gray) W.A. Weber & A. Love	Yarrow-leaved Ragwort	G3	S2		
<i>Panicum hemitomon</i> J.A. Schultes	Maidencane	G5?	S2		
<i>Parathelypteris simulata</i> (Davenport) Holttum = <i>Thelypteris simulata</i> (Davenport) Nieuwl.	Bog Fern	G4G5	S1S2		
<i>Parnassia grandifolia</i> DC.	Large-leaved grass-of-parnassus	G3	S2		
<i>Paronychia virginica</i> Spreng. var. <i>virginica</i>	Yellow Nailwort	G4T1Q	S1		
<i>Paspalum bifidum</i> (Bertol.) Nash	Pitchfork Paspalum	G5	SH		
<i>Paspalum dissectum</i> (L.) L.	Walter's paspalum	G4?	S2		
<i>Paspalum distichum</i> L.	Joint Paspalum	G5	S1		
<i>Paspalum praecox</i> Walt.	Early Paspalum	G4	S1		

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VASCULAR PLANTS					
<i>Paxistima canbyi</i> Gray = <i>Pachistima canbyi</i> Gray	Canby's Mountain-lover	G2?	S2		PT
<i>Pedimelum canescens</i> (Michx.) Rydb. = <i>Psoralea canescens</i> Michx.	Buckroot	G4	S1		
<i>Penstemon australis</i> Small	Southern beard-tongue	G5	S1?		
<i>Penstemon calycosus</i> Small	Calico beard-tongue	G5	SH		
<i>Phacelia covillei</i> S. Wats.	Coville's phacelia	G3	S1		
<i>Phacelia fimbriata</i> Michx.	Fringed phacelia	G4	S2		
<i>Phalaris caroliniana</i> Walt.	Carolina canary grass	G5?	SH		
<i>Phanopyrum gymnocarpon</i> (Ell.) Nash = <i>Panicum gymnocarpon</i> Ell.	Savanna panic-grass	G5	S1		
<i>Phemeranthus piedmontanus</i> Ware	Piedmont fameflower	G1	S1		PE
<i>Phlox amplifolia</i> Britt.	Large-leaf phlox	G3G5	S1		
<i>Phlox buckleyi</i> Wherry	Sword-leaf phlox	G2	S2		PT
<i>Phlox pilosa</i> L.	Downy Phlox	G5	S1		
<i>Phyla nodiflora</i> (L.) Greene = <i>Lippia nodiflora</i> (L.) Michx.	Sawtooth frogfruit	G5	S1		
<i>Pinus palustris</i> P. Mill.	Longleaf pine	G5	S1		
<i>Pityopsis graminifolia</i> (Michx.) Nutt. var. <i>tenuifolia</i> (Torr.) Semple & Bowers	Narrowleaf silk-grass	G5T5?	S1		
<i>Plantago cordata</i> Lam.	King-root	G4	SH		
<i>Plantago maritima</i> L. var. <i>juncooides</i> (Lam.) Gray	Seaside Plantain	G5T5	S1		
<i>Platanthera blephariglottis</i> (Willd.) Lindl. var. <i>blephariglottis</i>	Small white fringed orchid	G5T4T5	S2		
<i>Platanthera grandiflora</i> (Bigelow) Lindl.	Large purple fringed orchid	G5	S2		
<i>Platanthera leucophaea</i> (Nutt.) Lindl.	Prairie fringed orchid	G2G3	SH	LT	LT
<i>Platanthera peramoena</i> (Gray) Gray	Purple Fringeless Orchid	G5	S1		
<i>Platanthera shriveri</i> P.M. Brown	Shriver's frilly orchid	G1	S1		
<i>Poa languida</i> A.S. Hitchc.	Drooping Bluegrass	G5T4Q	S1		
<i>Poa paludigena</i> Fern. & Wieg.	Bog Bluegrass	G3G4	S2		
<i>Poa palustris</i> L.	Fowl Bluegrass	G5	S1S2		
<i>Poa saltuensis</i> Fern. & Wieg.	Weak bluegrass	G5T5	S2		
<i>Polanisia dodecandra</i> (L.) DC. var. <i>dodecandra</i>	Common Clammy-weed	G5T5?	S2		
<i>Polygala ramosa</i> Ell.	Low pine barren milkwort	G5	SH		
<i>Polygonella polygama</i> (Vent.) Engelm. & Gray var. <i>polygama</i>	October-flower	G4TNR	S1		
<i>Polygonum glaucum</i> Nutt.	Sea-beach Knotweed	G3	S2		

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VASCULAR PLANTS					
<i>Populus tremuloides</i> Michx.	Quaking Aspen	G5	S1		
<i>Portulaca smallii</i> P. Wilson	Small's Purslane	G3	S1		
<i>Potamogeton amplifolius</i> Tuckerman	Bigleaf Pondweed	G5	S1		
<i>Potamogeton bicipulatus</i> Fern.	Snailseed pondweed	G4	S1		
<i>Potamogeton friesii</i> Rupr.	Fries' pondweed	G5	SH		
<i>Potamogeton hillii</i> Morong	Hill's Pondweed	G3	S1		
<i>Potamogeton oakesianus</i> J.W. Robbins	Oakes' pondweed	G5	S1		
<i>Potamogeton robbinsii</i> Oakes	Flatleaf Pondweed	G5	SH		
<i>Potamogeton spirillus</i> Tuckerman	Spiral Pondweed	G5	SH		
<i>Potamogeton strictifolius</i> Benn.	Straightleaf pondweed	G5	SH		
<i>Potamogeton tennesseensis</i> Fern.	Tennessee Pondweed	G2G3	S1		
<i>Potamogeton zosteriformis</i> Fern.	Flatstem Pondweed	G5	S1		
<i>Prunus maritima</i> Marsh.	Beach plum	G4	S1?		
<i>Prunus nigra</i> Ait.	Canada Plum	G4G5	S1?		
<i>Prunus susquehanae</i> hort. ex Willd. = <i>Prunus pumila</i> var. <i>susquehanae</i> (hort. ex Willd.) Jaeger	Susquehanna sand cherry	G5T4T5	S1		
<i>Pseudognaphalium helleri</i> (Britt.) A. Anderb.	Heller's cudweed	G4G5	S1		
<i>Pseudognaphalium macounii</i> (Greene) Kartesz = <i>Gnaphalium viscosum</i> Kunth	Clammy everlasting	G5	S1		
<i>Pseudognaphalium micradenium</i> (Weatherby) Nesom	Small rabbit tobacco	G4G5T3?	S1		
<i>Pseudolycopodiella caroliniana</i> (Linnaeus) Holub = <i>Lycopodiella caroliniana</i> (L.) Pichi Sermolli = <i>Lycopodium carolinianum</i> L.	Carolina bog clubmoss	G5	SH		
<i>Puccinellia fasciculata</i> (Torr.) Bickn.	Eastern alkali grass	G3G5	SH		
<i>Pycnanthemum clinopodioides</i> Torr. & Gray	Basil Mountain-mint	G1G2	S1		
<i>Pycnanthemum setosum</i> Nutt.	Awned Mountain-mint	G4	S1		
<i>Pycnanthemum torreyi</i> Benth.	Torrey's Mountain-mint	G2	S2		PT
<i>Pyrola chlorantha</i> Sw. = <i>Pyrola virens</i> Schreb.	Green pyrola	G5	SH		
<i>Pyrola elliptica</i> Nutt.	Shinleaf	G5	S1		
<i>Pyxidanthra barbulata</i> Michx. var. <i>barbulata</i>	Common pyxie-moss	G4	S1		
<i>Quercus hemisphaerica</i> Bartr. ex Willd. Under <i>Q. laurifolia</i> Michx. in Radford et al. (1968)	Sand laurel oak	G5	S1		
<i>Quercus incana</i> Bartr.	Bluejack oak	G5	S2		

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VASCULAR PLANTS					
<i>Quercus macrocarpa</i> Michx.	Bur Oak	G5	S1		
<i>Quercus prinoides</i> Willd.	Dwarf Chinquapin Oak	G5	S1		
<i>Ranunculus ambigens</i> S. Wats.	Water-plantain crowfoot	G4	S1		
<i>Ranunculus flabellaris</i> Raf.	Yellow Water Crowfoot	G5	S2		
<i>Ranunculus hederaceus</i> L.	Ivy-leaved water crowfoot	G5	SH		
<i>Ranunculus laxicaulis</i> (Torr. & Gray) Darby	Mississippi Buttercup	G5?	SH		
<i>Ranunculus longirostris</i> Godr.	Long-beaked buttercup	G5	SH		
= <i>Ranunculus aquatilis</i> var. <i>diffusus</i> Withering					
<i>Rhamnus alnifolia</i> L'Hér.	Alder-leaved buckthorn	G5	S1		
<i>Rhexia petiolata</i> Walt.	Fringed meadow beauty	G5?	S1		
<i>Rhododendron arborescens</i> (Pursh) Torr.	Sweet azalea	G4G5	S2		
<i>Rhus michauxii</i> Sarg.	Michaux's Sumac	G2G3	S1	LE	LT
<i>Rhynchospora alba</i> (L.) Vahl	Northern white beaksedge	G5	S2		
<i>Rhynchospora capillacea</i> Torr.	Needle beaksedge	G4G5	S1		
<i>Rhynchospora cephalantha</i> Gray var. <i>attenuata</i> Gale	Small bunched beaksedge	G5T3?	S1		
<i>Rhynchospora colorata</i> (L.) H. Pfeiffer	Narrow-leaf whitetop sedge	G5	S1		
= <i>Dichromena colorata</i> (L.) A.H. Hitchc.					
<i>Rhynchospora debilis</i> Gale	Savannah beaksedge	G4?	S1		
<i>Rhynchospora distans</i> (Michx.) Chapm.	Narrow-fruited fascicled beaksedge	G5T4?	S1		
<i>Rhynchospora fascicularis</i> (Michx.) Vahl	Fascicled Beaksedge	G5	S2		
<i>Rhynchospora filifolia</i> Gray	Thread-leaved beaksedge	G5	SH		
<i>Rhynchospora grayi</i> Kunth	Gray's beaksedge	G4	SH		
<i>Rhynchospora harveyi</i> W. Boott	Harvey's beaksedge	G4	S1		
<i>Rhynchospora miliacea</i> (Lam.) Gray	Millet beaksedge	G5	SH		
<i>Rhynchospora nitens</i> (Vahl) Gray	Short-beaked beaksedge	G4?	SH		
= <i>Psilocarya nitens</i> (Vahl) Wood					
<i>Rhynchospora oligantha</i> Gray	Feather-bristled beaksedge	G4	S1		
<i>Rhynchospora pallida</i> M.A. Curtis	Pale beaksedge	G3	SX		
<i>Rhynchospora scirpoides</i> (Torr.) Gray	Long-beaked beaksedge	G4	S1		
= <i>Psilocarya scirpoides</i> Torr.					
<i>Rhynchospora stenophylla</i> Chapman	Coastal bog beaksedge	G4	S1		
<i>Rhynchospora wrightiana</i> Boeckl.	Wright's beaksedge	G5	S1		
<i>Ribes americanum</i> P. Mill.	Wild Black Currant	G5	S1		
<i>Rorippa aquatica</i> (Eat.) Palmer & Steyermark	Lake Cress	G4?	SH		
= <i>Neobeckia aquatica</i> (Eat.) Greene					

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VASCULAR PLANTS					
<i>Rorippa sessiliflora</i> (Nutt.) A.S. Hitchc.	Stalkless yellow cress	G5	S2		
<i>Rosa setigera</i> Michx.	Climbing prairie rose	G5	S1		
<i>Rosa virginiana</i> P. Mill.	Virginia rose	G5	SH		
<i>Rubus dalibarda</i> L. = <i>Dalibarda repens</i> L.	Dewdrop	G5	S1		
<i>Rubus idaeus</i> L. var. <i>strigosus</i> (Michx.) Maxim.	Red raspberry	G5T5	S2		
<i>Rubus setosus</i> Bigelow	Bristly blackberry	G4G5	S1		
<i>Rudbeckia heliopsis</i> Torr. & Gray	Sun-facing Coneflower	G2	S1		PT
<i>Rudbeckia laciniata</i> L. var. <i>bipinnata</i> Perdue	Northeastern cutleaf coneflower	G5TNR	S1		
<i>Rudbeckia triloba</i> L. var. <i>beadlei</i> (Small) Fern = <i>Rudbeckia triloba</i> var. <i>pinnatiloba</i> Torr. & Gray	Pinnate-lobed coneflower	G5TNR	S1		
<i>Sabatia campanulata</i> (L.) Torr.	Slender Marsh Pink	G5	S2		
<i>Sabatia difformis</i> (L.) Druce	Lance-leaved rose-gentian	G4G5	S1		
<i>Saccharum coarctatum</i> (Fern.) R. Webster = <i>Erianthus coarctatus</i> Fern. = <i>Erianthus coarctatus</i> var. <i>elliottianus</i> Fern.	Compressed plumegrass	G5?	S1		
<i>Sagittaria brevirostra</i> Mackenzie & Bush	Short-beak arrowhead	G5	SH		
<i>Sagittaria calycina</i> Engelm.	Long-lobed arrowhead	G5	S1		
<i>Sagittaria engelmanniana</i> J.G. Sm.	Engelmann's arrowhead	G5?	SH		
<i>Sagittaria rigida</i> Pursh	Sessile-fruited Arrowhead	G5	S1		
<i>Sagittaria spatulata</i> (J.G. Sm.) Buch. = <i>Sagittaria calycina</i> var. <i>spongiosa</i> Engelm.	Tidal arrowhead	G5T4	S1		
<i>Salix discolor</i> Muhl.	Pussy Willow	G5	S1		
<i>Salix exigua</i> Nutt. var. <i>sericans</i> (Nees) Dorn	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.	Purple pitcher plant	G5	S2		
<i>Sceptridium jenmanii</i> (Underwood) Lyon = <i>Botrychium jenmanii</i> Underwood	Alabama grape fern	G3G4	SH		
<i>Sceptridium multifidum</i> (S.G. Gmelin) M. Nishida = <i>Botrychium multifidum</i> (Gmel.) Trev.	Leathery grape fern	G5	S1		
<i>Sceptridium oneidense</i> (Gilbert) Holub = <i>Botrychium oneidense</i> (Gilbert) House	Blunt-lobed grape fern	G4	S1		
<i>Schizachne purpurascens</i> (Torr.) Swallen	Purple oatgrass	G5	S1		

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VASCULAR PLANTS					
<i>Schoenoplectus acutus</i> (Muhlenberg ex Bigelow) Löve & Löve var. <i>acutus</i>	Hard-stem bulrush	G5T5	S1		
<i>Schoenoplectus etuberculatus</i> (Steudel) Sojak	Swamp bulrush	G3G4	SH		
<i>Schoenoplectus smithii</i> (Gray) Sojak	Smith's Bulrush	G5?	SH		
<i>Schoenoplectus subterminalis</i> (Torr.) Sojak	Water Bulrush	G5	S1		
<i>Schoenoplectus torreyi</i> (Olney) Palla	Torrey's Bulrush	G5?	S1		
<i>Schwalbea americana</i> L.	Chaffseed	G2	SH	LE	
<i>Scirpus ancistrochaetus</i> Schuyler	Northeastern Bulrush	G3	S2	LE	LE
<i>Scirpus flaccidifolius</i> (Fern.) Schuyler	Reclining Bulrush	G2	S1S2		LT
<i>Scleria ciliata</i> Michx. var. <i>ciliata</i>	Hairy nutrush	G5TNR	S1		
<i>Scleria minor</i> W. Stone	Slender Nutrush	G4	S2		
<i>Scleria verticillata</i> Muhl. ex Willd.	Whorled Nutrush	G5	S2		
<i>Sclerolepis uniflora</i> (Walt.) B.S.P.	One-flowered sclerolepis	G4	S1		
<i>Scutellaria galericulata</i> L.	Hooded Skullcap	G5	S1		
= <i>Scutellaria epilobiifolia</i> A. Hamilton					
<i>Scutellaria incana</i> Biehler	Hoary Skullcap	G5	S2		
<i>Scutellaria parvula</i> Michx.	Dwarf Skullcap	G4	S1		
<i>Sedum pulchellum</i> Michx.	Widow's-cross	G5	S1		
<i>Senecio suaveolens</i> (Linnaeus) Elliot	Sweet-scented Indian-plantain	G4	S2		
= <i>Hasteola suaveolens</i> (L.) Pojark.					
<i>Seymeria cassioides</i> (J.F. Gmel.) Blake	Senna seymeria	G5	S1S2		
<i>Sibbaldia tridentata</i> (Ait.) Paule & Sojak	Three-toothed Cinquefoil	G5	S2		
= <i>Potentilla tridentata</i> Ait.					
<i>Sida elliotii</i> Torr. & Gray var. <i>elliotii</i>	Elliott's sida	G4G5TNR	S1		
Virginia material is referable to <i>Sida inflexa</i> Fern., but treated here as an anomalous form of <i>S. elliotii</i> var. <i>elloittii</i> .					
<i>Sida hermaphrodita</i> (L.) Rusby	Virginia sida	G3	S1		
<i>Silene nivea</i> (Nutt.) Muhl. ex Otth	Snowy Campion	G4?	S1		
<i>Silene ovata</i> Pursh	Mountain catchfly	G3	S1		
<i>Silene rotundifolia</i> Nutt.	Round-leaf catchfly	G4	S2		
<i>Silphium terebinthinaceum</i> Jacq.	Prairie rosin weed	G4G5	S1		
<i>Sisyrinchium albidum</i> Raf.	White Blue-eyed-grass	G5?	S2		
<i>Smilax ecirrata</i> (Engelm. ex Kunth) S. Wats.	Upright carrion-flower	G5	S1		
also spelled <i>ecirrhata</i>					
<i>Solidago lancifolia</i> Torr. & Gray	Lance-leaf Goldenrod	G2	S1		

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VASCULAR PLANTS					
Under <i>S. curtissii</i> Torr. & Gray in Kartesz (1999) Radford et al. (1968). Recent research has affirmed taxonomic status and rarity					
<i>Solidago latissimifolia</i> P. Mill.	Elliott's goldenrod	G5	S2		
= <i>Solidago elliotii</i> Torr. & Gray					
<i>Solidago racemosa</i> Greene	Sticky Goldenrod	G5T3?	S1		
= <i>Solidago simplex</i> ssp. <i>randii</i> var. <i>racemosa</i> (Greene) Ringius					
= <i>Solidago simplex</i> var. <i>racemosa</i> (Greene) Kartesz & Gandhi					
<i>Solidago randii</i> (Porter) Britt.	Rand's Goldenrod	G5T4	S2		
= <i>Solidago simplex</i> ssp. <i>randii</i> var. <i>randii</i> (Porter) Kartesz & Gandhi					
= <i>Solidago simplex</i> var. <i>randii</i> (Porter) Kartesz & Gandhi					
<i>Solidago rigida</i> L. var. <i>rigida</i>	Stiff Goldenrod	G5T5	S2		
= <i>Oligoneuron rigidum</i> var. <i>rigidum</i>					
<i>Solidago rigida</i> L. var. <i>glabrata</i> E.L. Braun	Southeastern stiff goldenrod	G5T4	S1		
= <i>Oligoneuron rigidum</i> var. <i>glabratum</i> (E.L. Braun) Nesom					
<i>Solidago rupestris</i> Raf.	Riverbank goldenrod	G4?	S1		
Under <i>S. altissima</i> L. in Radford et al. (1968)					
<i>Solidago salicina</i> Ell.	Southern rough-leaved Goldenrod	G5T5	SH		
= <i>Solidago patula</i> var. <i>strictula</i> Torr. & Gray					
<i>Solidago stricta</i> Ait.	Pine barren bog goldenrod	G5	S1		
Includes <i>S. gracillima</i> Torr. & Gray, <i>S. perlonga</i> Fern.					
<i>Solidago tortifolia</i> Ell.	Twisted leaf goldenrod	G4G5	S1		
<i>Solidago uliginosa</i> Nutt. var. <i>uliginosa</i>	Bog Goldenrod	G5T4T5	S2		
All Virginia <i>S. uliginosa</i> is var. <i>uliginosa</i>					
<i>Sparganium emersum</i> Rehmann	Narrow-leaf bur-reed	G5	S1		
<i>Spartina pectinata</i> Link	Freshwater Cordgrass	G5	S2		
<i>Spermacoce glabra</i> Michx.	Smooth false buttonweed	G4G5	S1		
<i>Spermolepis divaricata</i> (Walt.) Raf. ex Ser.	Rough-fruit scale-seed	G5	S1?		
<i>Sphenopholis filiformis</i> (Chapman) Scribn.	Long-leaf wedgegrass	G4?	S1		
<i>Spiraea virginiana</i> Britt.	Virginia Spiraea	G2	S1	LT	LE
<i>Spiranthes eatonii</i> Ames ex P.M. Brown	Eaton's Ladies'-tresses	G3Q	S1		
<i>Spiranthes lucida</i> (H.H. Eat.) Ames	Shining Ladies'-tresses	G4	S1S2		
<i>Spiranthes magnicamporum</i> Sheviak	Great Plains Ladies'-tresses	G3G4	S1		
<i>Sporobolus compositus</i> (Poir.) Merr. var. <i>compositus</i>	Tall dropseed	G5T5	S2		

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

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VASCULAR PLANTS					
<i>Symphotrichum pratense</i> (Raf.) Nesom = <i>Aster pratensis</i> Raf. = <i>Aster sericeus</i> var. <i>microphyllus</i> DC.	Western silvery aster	G4?	S1		
<i>Symphotrichum schistosum</i> (E.S. Steele) G.L. Nesom = <i>Aster schistosus</i> Steele = <i>Aster x schistosus</i> Steele (pro sp.) John Townsend doesn't believe this to be a hybrid, hence the scientific name as full species.	Millboro Aster	GNA	S1		
<i>Symphotrichum shortii</i> (Lindl.) Nesom = <i>Aster shortii</i> Lindl.	Short's Aster	G5	S1		
<i>Synandra hispidula</i> (Michx.) Baill.	Gyandotte Beauty	G4	S2		
<i>Taxodium ascendens</i> Brongn. Largest population contains trees transitional to <i>T. distichum</i>	Pondcypress	G5	S1		
<i>Tetragonotheca helianthoides</i> L.	Squarehead	G5	S1		
<i>Thalictrum macrostylum</i> Small & Heller	Small-leaved meadow-rue	G3G4	S1		
<i>Tillandsia usneoides</i> (L.) L.	Spanish-moss	G5	S1S2		
<i>Toxicodendron rydbergii</i> (Small ex Rydb.) Greene	Western Poison Ivy	G5	S1		
<i>Triantha glutinosa</i> (Michx.) Baker = <i>Tofieldia glutinosa</i> (Michx.) Pers.	Sticky false asphodel	G5	S1		
<i>Triantha racemosa</i> (Walt.) Small = <i>Tofieldia racemosa</i> (Walt.) B.S.P.	Coastal false asphodel	G5	SH		
<i>Trichostema setaceum</i> Houtt.	Narrow-leaf blue curls	G5	S2		
<i>Tridens chapmanii</i> (Small) Chase = <i>Tridens flavus</i> var. <i>chapmanii</i> (Small) Shinnars	Chapman's purpletop	G5T3	S1		
<i>Trifolium calcaricum</i> Collins & Wieboldt	Running Glade Clover	G1	S1		LE
<i>Trifolium reflexum</i> L.	Buffalo Clover	G3G4	S1		
<i>Trillium cernuum</i> L.	Nodding Trillium	G5	S2		
<i>Trillium flexipes</i> Raf.	Drooping Trillium	G5	SH		
<i>Trillium nivale</i> Riddell	Snow Trillium	G4	S1		
<i>Trillium pusillum</i> Michx. var. <i>virginianum</i> Fern. Includes var. <i>moniticulum</i> Bodkin & Reveal	Virginia Least Trillium	G3T2	S2		
<i>Triphora trianthophora</i> (Sw.) Rydb. ssp. <i>trianthophora</i>	Three birds orchid	G4?T4?	S1		
<i>Trisetum spicatum</i> (L.) Richter	Narrow False Oats	G5	S1		
<i>Turritis glabra</i> L. = <i>Arabis glabra</i> (L.) Bernh.	Tower mustard	G5	S1		
<i>Utricularia juncea</i> Vahl	Southern Bladderwort	G5	S1		

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VASCULAR PLANTS					
<i>Utricularia olivacea</i> C. Wright ex Griseb.	Dwarf bladderwort	G4	SH		
<i>Utricularia purpurea</i> Walt.	Purple Bladderwort	G5	S2		
<i>Utricularia striata</i> LeConte ex Torrey = <i>Utricularia fibrosa</i> Walt.	Fibrous Bladderwort	G4G5	S1		
<i>Vaccinium crassifolium</i> Andr.	Creeping Blueberry	G4G5	S1		
<i>Vaccinium macrocarpon</i> Ait.	Large Cranberry	G5	S2		
<i>Vaccinium myrtilloides</i> Michx.	Velvetleaf Blueberry	G5	S1		
<i>Valeriana pauciflora</i> Michx.	Pink valerian	G4	S1		
<i>Valerianella chenopodiifolia</i> (Pursh) DC.	Goosefoot corn-salad	G4	S1		
<i>Vandenboschia boschiana</i> (Sturm) Ebihara & K. Iwatsuki = <i>Trichomanes boschianum</i> Sturm	Appalachian filmy fern	G4	S1		
<i>Verbena scabra</i> Vahl	Rough vervain	G5	S1		
<i>Veronica scutellata</i> L.	Marsh speedwell	G5	S1		
<i>Viburnum lentago</i> L.	Nannyberry	G5	S1		
<i>Vicia americana</i> Muhl. ex Willd. var. <i>americana</i>	American vetch	G5T5	S1		
<i>Viola tripartita</i> Ell. var. <i>glaberrima</i> (DC.) Harper	Three-parted violet	G5T3?	S1		
<i>Viola walteri</i> House var. <i>walteri</i>	Prostrate Blue Violet	G4G5	S2		
<i>Viola</i> sp. 1	A violet	G1	S1		
Unnamed taxon of shale barrens and woodlands, similar in appearance to <i>Viola pedatifida</i> G. Don					
<i>Vitis rupestris</i> Scheele	Sand Grape	G3	S1		
<i>Wisteria frutescens</i> (L.) Poir.	American Wisteria	G5	S1		
<i>Wolffia columbiana</i> Karst.	Columbian Watermeal	G5	S1		
<i>Xyris caroliniana</i> Walt.	Carolina yellow-eyed grass	G4G5	S1		
<i>Xyris curtissii</i> Malme = <i>Xyris difformis</i> var. <i>curtissii</i> (Malme) Kral	Curtiss' yellow-eyed grass	G5T5	S1		
<i>Xyris fimbriata</i> Ell.	Fringed yellow-eyed grass	G5	S1		
<i>Xyris iridifolia</i> Chapman = <i>Xyris laxifolia</i> var. <i>iridifolia</i> (Chapman) Kral	Iris-leaf yellow-eyed grass	G4G5T4T5	S1		
<i>Xyris platylepis</i> Chapman	Tall yellow-eyed grass	G5	S2		
<i>Yucca aloifolia</i> L.	Spanish dagger	G5	S1		
<i>Yucca flaccida</i> Haw.	Weakleaf yucca	G5	S1		
<i>Zenobia pulverulenta</i> (Bartr. ex Willd.) Pollard	Dusty Zenobia	G4?	S1		
<i>Zigadenus glaberrimus</i> Michx.	Large death-camass	G5	S1		
<i>Zornia bracteata</i> J.F. Gmel.	Viperina	G5?	S1		

**Rare Vascular Plants, Nonvascular Plants
and
Lichens of Virginia**



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
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VASCULAR PLANTS

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
NONVASCULAR PLANTS					
LIVERWORTS					
<i>Aneura sharpii</i> Inoue & N.G. Mill.	A liverwort	GNR	S1		
<i>Apopellia megaspora</i> (R. M. Schust.) Nebel & D. Quandt = <i>Pellia megaspora</i> Schust.	Endive pellia	GNR	SH		
<i>Bazzania nudicaulis</i> Evans	A liverwort	G2G3	S1		
<i>Bazzania tricrenata</i> (Wahlenb.) Lindb.	Three-toothed whip liverwort	G4T4	S1		
<i>Cephaloziella spinicaulis</i> Douin	A liverwort	G3G4	S1		
<i>Crossocalyx hellerianus</i> (Nees ex Lindenb.) Meyl.	Heller's Notchwort	G5	SH		
<i>Diplophyllum andrewsii</i> Evans	Andrew's Earwort	G3	SH		
<i>Diplophyllum taxifolium</i> (Wahlenb.) Dum.	Yew-leaved earwort	G5	SH		
<i>Drepanolejeunea appalachiana</i> Schust.	Appalachian threadwort	G2?	S1		
<i>Frullania caulisequa</i> (Nees) Nees	A liverwort	G5	SH		
<i>Lejeunea blomquistii</i> Schuster	Blomquist's leafy liverwort	G1G2	S1		
<i>Lejeunea ruthii</i> (Evans) Schust.	A liverwort	G3G4T3T4	S1		
<i>Leptoscyphus cuneifolius</i> (Hook.) Mitt.	Wedge flapwort	G4G5T4T5	SH		
<i>Marsupella paroica</i> Schust.	A liverwort	G3	SH		
<i>Metzgeria consanguinea</i> Schiffn. = <i>Metzgeria temperata</i> Kuwahara	Whiskered veilwort	G4	S1		
<i>Neoorthocaulis attenuatus</i> (Mart.) L.Söderstr., De Roo & Hedd. = <i>Barbilophozia attenuata</i> (Mart.) Loeske	A liverwort	G5	SH		
<i>Plagiochasma rupestre</i> (Forst.) Steph.	A flapwort	G5T5	S1		
<i>Plagiochila exigua</i> (Taylor) Taylor	A liverwort	G4?	SH		
<i>Plagiochila sullivantii</i> Gottsche ex. Evans	Sullivant's leafy liverwort	G2	SH		
<i>Schistochilopsis incisa</i> (Schrader) Konstantinova = <i>Lophozia incisa</i> (Schrader) Dum.	Jagged notchwort	G5	S1		
<i>Solenostoma appalachianum</i> R. M. Schust. ex Bakalin = <i>Solenostoma pyriflorum</i> Steph.	A liverwort	GNR	SH		
<i>Sphenolobopsis pearsonii</i> (Spruce) Schust.	Horsehair threadwort	G2?	S1		
<i>Sphenolobus minutus</i> (Schreb. ex D. Crantz) Berggr. = <i>Anastrophyllum minutum</i> (Schreb.) Schust.	Comb notchwort	G5	SH		
<i>Syzygiella nipponica</i> (S. Hatt.) K. Feldberg, Vána, Hentschel & Heinrichs	A liverwort	G3G4	SH		
<i>Tritomaria exsecta</i> (Schrader) Loeske	Cut notchwort	G5	SH		
<i>Tritomaria exsectiformis</i> (Breidler) Loeske	Large cut notchwort	G5	SH		

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NONVASCULAR PLANTS					
MOSSES					
<i>Blindia acuta</i> (Hedw.) Bruch & Schimp. in B.S.G.	Sharp's blindleaf moss	G5	S1		
<i>Bryoerythrophyllum ferruginascens</i> (Stirt.) Giac.	Bryoerythrophyllum moss	G3G4	SH		
<i>Calliergon cordifolium</i> (Hedw.) Kindb.	Calliergon moss	G5	S1		
<i>Campylopus carolinae</i> Grout	A moss	G2	S1		
<i>Campylopus surinamensis</i> C. Mull.	A moss	G4G5	S1		
<i>Cirriphyllum piliferum</i> (Hedw.) Grout	Cirriphyllum moss	G5	S1		
<i>Codriophorus aduncooides</i> (Bednarek-Ochyra) Bednarek-Ochyra & Ochyra	A moss	GNR	SH		
<i>Conardia compacta</i> (C. Mull.) Robins.	A moss	G5	SH		
<i>Coscinodon cribrosus</i> (Hedw.) Spruce	Copper coscinodon	G3G4	S1		
<i>Cryphaea nervosa</i> (Hook. & Wils. in Drumm.) C. Mull.	A Moss	G4?	S1		
<i>Dicranoweisia crispula</i> (Hedw.) Lindb. ex Milde	Mountain thatch moss	G5	S1		
<i>Dicranum muehlenbeckii</i> Bruch & Schimp. in B.S.G.	A moss	G5	SH		
<i>Entodon sullivantii</i> (C. Mull.) Lindb.	Sullivant's Entodon moss	G3G4	S2		
<i>Forsstroemia producta</i> (Hornsch.) Par.	A moss	G5?	S1		
<i>Grimmia alpestris</i> (Web. & Mohr) Schleich. ex Nees	A moss	GNR	S1		
<i>Herpetineuron toccoae</i> (Sull. & Lesq. in Sull.) Card.	A moss	G4G5	S1		
<i>Heterocladium macounii</i> Best	A moss	G4	S1		
<i>Homalia trichomanoides</i> (Hedw.) Schimp. in B.S.G. var. <i>trichomanoides</i>	Lime homalia moss	G5T5	SH		
<i>Homaliadelphus sharpii</i> (Williams) Sharp	Sharp's Homaliadelphus moss	G3?	S1		
<i>Hylocomiastrum umbratum</i> (Hedw.) Fleisch. in Broth.	A Moss	G5	SH		
<i>Imbribryum gemmiparum</i> (De Not.) J.R. Spence	Bud-tipped bryum	G3G5	S1		
<i>Leptodontium viticulosoides</i> P.Beauv.) Wijk & Margad. var. <i>sulphureum</i> (Lorentz) R. H. Zander	Grandfather Mountain Leptodontium	GNRT2	SH		
<i>Neckera complanata</i> (Hedw.) Hub.	A Moss	G5	S1		
<i>Oncophorus rauei</i> (Austin) Grout	A Moss	G3	S1		
<i>Orthotrichum elegans</i> Schwagrichen ex Hooker & Greville	A moss	G5	S1		
<i>Orthotrichum keeverae</i> Crum & Anderson	Keever's Bristle-moss	G2	S1		

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NONVASCULAR PLANTS					
MOSSES					
<i>Plagiothecium latebricola</i> Schimp. in B.S.G.	Lurking Leskea	G3G4	SH		
<i>Platydictya minutissima</i> (Sull. & Lesq. in Sull.) Crum	Small willow moss	G3	SH		
<i>Polytrichastrum alpinum</i> (Hedw.) G.L. Sm. var. <i>alpinum</i>	Alpine haircap moss	G5TNR	SH		
<i>Polytrichastrum formosum</i> (Hedw.) G. L. Sm. var. <i>densifolium</i> (Mitten) Z. Iwatsuki & A. Noguchi	A haircap moss	G5TNR	SH		
<i>Pseudobryum cinclidioides</i> (Hub.) T. Kop.	River thyme moss	G5	SH		
<i>Rhabdoweisia crenulata</i> (Mitt.) Jameson	Himalayan ribbed weissia	G3G5	S1		
<i>Schistidium dupretii</i> (Ther.) W.A. Weber	A moss	GNR	SH		
<i>Schlotheimia rugifolia</i> (Hook.) Schwaegr.	A Moss	G3G5	SH		
<i>Sphagnum angustifolium</i> (C. Jens. ex Russ.) C. Jens. in Tolf	Narrowleaf Peatmoss	G5	S1S2		
<i>Sphagnum contortum</i> Schultz	A peatmoss	G5	S1		
<i>Sphagnum fuscum</i> (Schimp.) Klinggr.	Brown Peatmoss	G5	SH		
<i>Sphagnum girgensohnii</i> Russ.	Girgensohn's Peatmoss	G5	S1S2		
<i>Sphagnum macrophyllum</i> Brid. var. <i>macrophyllum</i>	Large-leaf Peatmoss	G5T3?	S2		
<i>Sphagnum portoricense</i> Hampe	Puerto Rico Peatmoss	G5	S1		
<i>Sphagnum rubellum</i> Wils.	Red Peatmoss	G5	S2		
<i>Syntrichia amphidiacea</i> (Müller Hal.) R. H. Zander	A moss	G3G5	SH		
<i>Syrrhopodon incompletus</i> Schwaegr.	A Moss	G5	SH		
<i>Tuerckheimia svihlae</i> (Bartr.) Zand.	A moss	GNR	S1		
<i>Ulota hutchinsiae</i> (Sm.) Hammar var. <i>rufescens</i> (Britt.) Dix.	A Moss	G5T3	SH		

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

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VASCULAR PLANTS					
<i>Acalypha deamii</i> (Weatherby) Ahles	Deam's Copperleaf	G4?	S3		
<i>Aconitum reclinatum</i> Gray	White Monkshood	G3G4	S3		
<i>Adlumia fungosa</i> (Ait.) Greene ex B.S.P.	Climbing Fumitory	G4	S3		
<i>Agrostis scabra</i> Willd.	Rough bentgrass	G5	S3?		
<i>Amelanchier sanguinea</i> (Pursh) DC.	Roundleaf Serviceberry	G5	S3		
<i>Amsonia tabernaemontana</i> Walt. var. <i>tabernaemontana</i>	Eastern Blue-star	G5T5	S3		
<i>Andropogon perangustatus</i> Nash	Narrow-leaved Bluestem	G5T4	S3		
= <i>Andropogon gyrans</i> var. <i>stenophyllus</i> (Hack.) C. Campbell					
<i>Andropogon virginicus</i> L. var. <i>decipiens</i> C. Campbell	Deceptive Bluestem	G5T4	S3		
Under <i>A. virginicus</i> L. in Radford et al. (1968) Under <i>A. virginicus</i> L. var. <i>virginicus</i> in Fernald (1950)					
<i>Anemone quinquefolia</i> L. var. <i>minima</i> (DC.) Frodin	Dwarf Anemone	G5T3	S3		
<i>Anticlea glauca</i> (Nutt.) Kunth	White Death-camas	G5T4T5	S3		
= <i>Zigadenus elegans</i> ssp. <i>glaucus</i> (Nutt.) Hulten					
<i>Aristida lanosa</i> Muhl. ex Ell.	Woolly Three-awn Grass	G5	S3		
<i>Aristida tuberculosa</i> Nutt.	Sea-beach Needlegrass	G5	S3		
<i>Asclepias incarnata</i> L. var. <i>incarnata</i>	Swamp Milkweed	G5T5	S3		
<i>Asclepias lanceolata</i> Walt.	Few-flower Milkweed	G5	S3		
<i>Asimina parviflora</i> (Michx.) Dunal	Dwarf Pawpaw	G5	S3		
<i>Bacopa monnieri</i> (L.) Pennell	Coastal Water-hyssop	G5?	S3		
<i>Baptisia australis</i> (L.) R. Br. ex Ait. f. var. <i>australis</i>	Blue Wild Indigo	G5T3T4	S3		
<i>Bartonia paniculata</i> (Michx.) Muhl. ssp. <i>paniculata</i>	Twining Bartonia	G5T5	S3		
<i>Blephilia hirsuta</i> (Pursh) Benth.	Hairy Wood Mint	G5	S3		
<i>Bolboschoenus novae-angliae</i> (Britt.) S.G. Sm.	New England Bulrush	G5	S3		
= <i>Schoenoplectus novae-angliae</i> (Britt.) M. T. Strong					
<i>Bulbostylis ciliatifolia</i> (Ell.) Fern.	Savanna Hairsedge	G5	S3?		
<i>Bulbostylis coarctata</i> (Ell.) Fern.	Elliott's Hairsedge	G5T3T5	S3		
= <i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i> (Ell.) Kral					
<i>Callitriche palustris</i> L.	Vernal Water-starwort	G5	S3		
= <i>Callitriche verna</i> L.					
<i>Cardamine douglassii</i> Britt.	Purple Cress	G5	S3		
<i>Carex austrodeflexa</i> P.D. McMillan, Sorrie, & van Eerden	Canebrake Sedge	G3G4	S3S4		
<i>Carex canescens</i> L. var. <i>disjuncta</i> Fern.	Silvery Sedge	G5T5	S3		

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VASCULAR PLANTS					
<i>Carex careyana</i> Torr. ex Dewey	Carey's Sedge	G4G5	S3		
<i>Carex collinsii</i> Nutt.	Collins's Sedge	G4	S3		
<i>Carex conjuncta</i> Boott	Soft Fox Sedge	G4G5	S3		
<i>Carex floridana</i> Schwein.	Florida Sedge	G5?	S3		
= <i>Carex nigromarginata</i> var. <i>floridana</i> (Schwein.) Kükenth.					
<i>Carex fraseriana</i> Ker-Gawl.	Fraser's Sedge	G4	S3		
= <i>Cymophyllus fraserianus</i> (Ker-Gawl.) Kartesz & Gandhi					
<i>Carex leptonervia</i> (Fern.) Fern.	Finely-nerved Sedge	G5	S3		
<i>Carex lucorum</i> Willd. ex Link var.	Appalachian Woodland	G5T3T4	S3		
<i>australucorum</i> J. Rettig	Sedge				
= <i>Carex pensylvanica</i> var. <i>distans</i> Willd. ex Link					
<i>Carex meadii</i> Dewey	Mead's Sedge	G4G5	S3		
<i>Carex pedunculata</i> Muhl. ex Willd.	Long-stalk Sedge	G5TNR	S3		
var. <i>pedunculata</i>					
<i>Carex pellita</i> Muhl. ex Willd.	Woolly Sedge	G5	S3		
<i>Carex purpurifera</i> Mackenzie	Limestone Purple Sedge	G4?	S3		
<i>Carex ruthii</i> Mackenzie	Ruth's Sedge	G3G4	S3		
<i>Carex shortiana</i> Dewey	Short's Sedge	G5	S3		
<i>Carex striata</i> Michx. var. <i>brevis</i> Bailey	Walter's Sedge	G4G5T4?	S3		
= <i>Carex walteriana</i> var. <i>brevis</i> (Bailey) Bailey					
<i>Carex suberecta</i> (Olney) Britt.	Prairie Straw Sedge	G4	S3		
<i>Carex superata</i> Naczi, Reznicek, & B.A. Ford	Limestone Forest Sedge	G4?	S3		
<i>Carex tetanica</i> Schkuhr	Rigid Sedge	G4G5	S3		
<i>Carex trisperma</i> Dewey var. <i>trisperma</i>	Three-seeded Sedge	G5T5	S3		
<i>Carex venusta</i> Dewey	Dark Green Sedge	G4	S3?		
<i>Castilleja coccinea</i> (L.) Spreng.	Eastern Indian-paintbrush	G5	S3		
<i>Cenchrus incertus</i> M.A. Curtis	Coastal Sandbur	G5	S3		
= <i>Cenchrus spinifex</i> Cav.					
<i>Chaerophyllum procumbens</i> (L.) Crantz var. <i>shortii</i> Torr. & Gray	Short's Spreading Chervil	G5T3T4Q	S3?		
<i>Chamaecrista fasciculata</i> (Michx.) Greene var. <i>macrosperma</i> (Fern.) C. F. Reed	Marsh Senna	G5T3	S3		
<i>Chamaecyparis thyoides</i> (L.) B.S.P.	Atlantic White-cedar	G4	S3		
<i>Chenopodium simplex</i> (Torr.) Raf.	Maple-leaf Goosefoot	G5	S3		
= <i>Chenopodium gigantospermum</i> Aellen Under <i>C. hybridum</i> L. in Fernald (1950)					
<i>Chrysogonum virginianum</i> L. var. <i>brevistolon</i> Nesom	Carolina Green-and-gold	G5TNR	S3		
<i>Cinna latifolia</i> (Trev. ex Goepp.) Griseb.	Slender Wood Reedgrass	G5	S3		

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

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VASCULAR PLANTS					
<i>Dicliptera brachiata</i> (Pursh) Spreng.	Branched Dicliptera	G5	S3		
<i>Diphyllaea cymosa</i> Michx.	Umbrella-leaf	G4	S3		
<i>Drosera brevifolia</i> Pursh	Dwarf Sundew	G5	S3		
= <i>Drosera leucantha</i> Shinnars					
<i>Drosera capillaris</i> Poir.	Pink Sundew	G5	S3		
<i>Drosera intermedia</i> Hayne	Water Sundew	G5	S3		
<i>Dryopteris campyloptera</i> Clarkson	Mountain Wood Fern	G5	S3		
= <i>Dryopteris spinulosa</i> var. <i>americana</i> (O.F. Muell.) Watt (Fisch.) Fern.					
<i>Echinodorus cordifolius</i> (L.) Griseb.	Creeping Burhead	G5	S3		
<i>Eleocharis albida</i> Torr.	White Spikerush	G4G5	S3		
<i>Eleocharis palustris</i> (L.) Roemer & J.A. Schultes	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 Cottongrass	G5	S3		
<i>Eurybia spectabilis</i> (Ait.) Nesom	Showy Aster	G5	S3		
= <i>Aster spectabilis</i> var. <i>spectabilis</i>					
Under <i>A. spectabilis</i> Ait. in Radford et al. (1968)					
= <i>Aster spectabilis</i> var. <i>suffultus</i> Fern.					
Under <i>A. spectabilis</i> Ait. in Radford et al. (1968)					
<i>Fallopia cilinodis</i> (Michx.) Holub	Fringed Bindweed	G5	S3		
= <i>Polygonum cilinode</i> Michx.					
<i>Floerkea proserpinacoides</i> Willd.	False Mermaid	G5	S3		
<i>Fraxinus nigra</i> Marsh.	Black Ash	G5	S3		
<i>Fraxinus quadrangulata</i> Michx.	Blue Ash	G5	S3		
<i>Galium boreale</i> L.	Northern Bedstraw	G5	S3		
<i>Galium hispidulum</i> Michx.	Coastal Bedstraw	G5	S3		
<i>Gentiana austromontana</i> Pringle & Sharp	Appalachian Gentian	G3	S3?		
<i>Geranium robertianum</i> L.	Herb Robert	G5	S3		
<i>Glyceria acutiflora</i> Torr.	Sharp-scaled Mannagrass	G5	S3		
<i>Glyceria canadensis</i> (Michx.) Trin.	Canada Mannagrass	G5	S3		
<i>Gymnocarpium appalachianum</i> Pryer	Appalachian Oak Fern	G3	S3		
<i>Gymnocladus dioica</i> (L.) K. Koch	Kentucky Coffee-tree	G5	S3		
<i>Gymnopogon brevifolius</i> Trin.	Short-leaf Bear Grass	G5	S3		
<i>Helianthus hirsutus</i> Raf.	Hairy Sunflower	G5	S3		
<i>Heuchera hispida</i> Pursh	Purple Alumroot	G5T3?	S3?		
<i>Heuchera parviflora</i> Bartl.	Small-flowered Alumroot	G4	S3		

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VASCULAR PLANTS					
<i>Hexalectris spicata</i> (Walt.) Barnh. var. <i>spicata</i>	Crested Coralroot	G5T4T5	S3		
<i>Hexastylis lewisii</i> (Fern.) Blomquist & Oosting	Lewis's Heartleaf	G3	S3		
<i>Hottonia inflata</i> Ell.	Featherfoil	G4	S3		
<i>Hydrastis canadensis</i> L.	Golden-seal	G3G4	S3		
<i>Hydrolea quadrivalvis</i> Walt.	Waterpod	G5	S3		
<i>Hypericum drummondii</i> (Grev. & Hook.) Torr. & Gray	Nits-and-lice	G5	S3		
<i>Hypericum mitchellianum</i> Rydb.	Blue Ridge St. John's-wort	G3	S3		
<i>Hypericum virgatum</i> Lam. = <i>Hypericum denticulatum</i> var. <i>acutifolium</i> (Ell.) Blake	Sharp-leaf St. John's-wort	G4?	S3		
<i>Hypoxis curtissii</i> Rose	Curtiss' yellow stargrass	G4?	S3		
<i>Ilex vomitoria</i> Ait.	Yaupon	G5	S3		
<i>Iresine rhizomatosa</i> Standl.	Eastern Bloodleaf	G5	S3		
<i>Iris prismatica</i> Pursh ex Ker-Gawl.	Slender Blue Iris	G4G5	S3		
<i>Iris versicolor</i> L.	Larger Blue Flag	G5	S3		
<i>Isoetes riparia</i> Engelm. ex A. Braun	Shore Quillwort	G5	S3		
<i>Juglans cinerea</i> L.	Butternut	G3	S3?		
<i>Juncus longii</i> Fern.	Long's Rush	G3Q	S3?		
<i>Justicia ovata</i> (Walt.) Lindau var. <i>ovata</i>	Coastal Plain Water-willow	G5T4T5	S3		
<i>Lechea maritima</i> Leggett ex B.S.P. var. <i>virginica</i> Hodgdon	Virginia Beach Pinweed	G5T3Q	S3		
<i>Leptochloa fascicularis</i> (Lam.) Gray = <i>Leptochloa fusca</i> ssp. <i>fascicularis</i> (Lam.) N. Snow	Bearded Sprangletop	G5T5	S3		
<i>Leucospora multifida</i> (Michx.) Nutt.	Narrow-leaf paleseed	G5	S3		
<i>Liatris helleri</i> Porter	Heller's Blazing Star	GNR	S3		
<i>Lilium philadelphicum</i> L.	Wood Lily	G5	S3		
<i>Linum sulcatum</i> Riddell	Grooved Yellow Flax	G5	S3		
<i>Listera smallii</i> Wieg.	Appalachian Twayblade	G4	S3		
<i>Lithospermum latifolium</i> Michx.	American Gromwell	G4	S3		
<i>Lithospermum tuberosum</i> Rugel ex DC.	Tuberous Gromwell	G4	S3		
<i>Lonicera canadensis</i> Bartr. ex Marsh.	American Fly-honeysuckle	G5	S3		
<i>Ludwigia glandulosa</i> Walt.	Cylindric-fruited Primrose-willow	G5	S3		
<i>Ludwigia leptocarpa</i> (Nutt.) Hara	Angle-stem Primrose-willow	G5	S3		
<i>Ludwigia sphaerocarpa</i> Ell.	Globe-fruited Seedbox	G5	S3		
<i>Lygodium palmatum</i> (Bernh.) Sw.	American Climbing Fern	G4	S3		
<i>Malaxis spicata</i> Sw. = <i>Malaxis floridana</i> (Chapman) Kuntze	Florida Adder's-mouth	G4?	S3		

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VASCULAR PLANTS					
<i>Meehania cordata</i> (Nutt.) Britt.	Meehan's Mint	G5	S3		
<i>Micranthes caroliniana</i> (A. Gray) Small	Carolina Saxifrage	G3	S3		
= <i>Saxifraga caroliniana</i> Gray					
<i>Milium effusum</i> L. var. <i>cisatlanticum</i> Fern.	Tall Millet Grass	G5T5	S3		
<i>Minuartia patula</i> (Michx.) Mattf.	Pitcher's Stitchwort	G4	S3		
<i>Monotropsis odorata</i> Schwein. ex Ell.	Sweet Pinesap	G3	S3		
<i>Myriophyllum pinnatum</i> (Walt.) B.S.P.	Cut-leaf Water-milfoil	G5	S3		
<i>Nabalus roanensis</i> Chickering	Roan Mountain Rattlesnake-root	G3	S3		
= <i>Prenanthes roanensis</i> (Chickering) Chickering					
<i>Nelumbo lutea</i> Willd.	American Lotus	G4	S3		
<i>Ophioglossum engelmannii</i> Prantl	Engelmann's Adder's-tongue	G5	S3		
<i>Packera paupercula</i> (Michx.) A. & D. Love var. <i>paupercula</i>	Balsam ragwort	G5	S3?		
= <i>Senecio pauperculus</i> Michx.					
<i>Panax quinquefolius</i> L.	Ginseng	G3G4	S3S4		LT
<i>Paronychia baldwinii</i> (Torr. & Gray) Fenzl ex Walp. ssp. <i>riparia</i> (Chapman) Chaudhri	Baldwin's Nailwort	G4T4?	S3		
<i>Parthenium integrifolium</i> L. var. <i>mabryanum</i> Mears	Mabry's Wild Quinine	G5T3	S3?		
<i>Paspalum boscianum</i> Fluegge	Bull Paspalum	G5	S3		
<i>Pedicularis lanceolata</i> Michx.	Swamp Lousewort	G5	S3		
<i>Pellaea glabella</i> Mett. ex Kuhn ssp. <i>glabella</i>	Smooth Cliff-brake	G5T5	S3		
<i>Penstemon hirsutus</i> (L.) Willd.	Hairy Beard-tongue	G4	S3		
<i>Phacelia purshii</i> Buckl.	Miami-mist	G5	S3		
<i>Philadelphus hirsutus</i> Nutt.	Hairy Mockorange	G5	S3		
<i>Phlox nivalis</i> Lodd. ex Sweet	Trailing Phlox	G4	S3		
<i>Phragmites australis</i> (Cav.) Trin. ex Steud. ssp. <i>americanus</i> Saltonstall, P.M. Peterson & Soreng	American Common Reed	G5T5	S3		
This taxon is not treated by Kartesz 1999, and is for the native strain of <i>Phragmites australis</i> in North America. Saltonstall, Peterson, and Soreng (2004) published the name <i>Phragmites australis</i> ssp. <i>americanus</i> for this taxon, which has been shown to be distinct based on morphological and genetic analyses.					
<i>Physalis walteri</i> Nutt.	Dune Ground-cherry	G4	S3		

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VASCULAR PLANTS					
= <i>Physalis maritima</i> M.A. Curtiss					
= <i>Physalis viscosa</i> ssp. <i>maritima</i> L. (M.A. Curtiss)	Waterfall				
<i>Physostegia leptophylla</i> Small	Slender-leaf False Dragonhead	G4?	S3		
<i>Platanthera flava</i> (L.) Lindl. var. <i>herbiola</i> (R. Br. ex Ait. f.) Luer	Tubercled Rein Orchid	G4?T4Q	S3?		
<i>Platanthera flava</i> (L.) Lindl. var. <i>flava</i>	Southern Rein Orchid	G4?T4?Q	S3?		
<i>Pogonia ophioglossoides</i> (L.) Ker-Gawl.	Rose Pogonia	G5	S3		
<i>Polygala cruciata</i> L.	Cross-leaved Milkwort	G5	S3?		
<i>Polygonella articulata</i> (L.) Meisn.	Coastal Jointweed	G5	S3		
<i>Polygonum ramosissimum</i> Michx.	Bushy Knotweed	G5	S3		
<i>Ponthieva racemosa</i> (Walt.) C. Mohr	Shadow Witch Orchid	G4G5	S3		
<i>Potamogeton perfoliatus</i> L.	Perfoliate Pondweed	G5	S3		
Treated as <i>P. perfoliatus</i> L. var. <i>bupleuroides</i> (Fern.) Farw. in Radford et al. (1968), and Fernald (1950)					
<i>Prosartes maculata</i> A. Gray	Spotted Mandarin	G4	S3		
= <i>Disporum maculatum</i> (Buckl.) Britt.					
<i>Prunus alleghaniensis</i> Porter var. <i>alleghaniensis</i>	Allegheny Plum	G4T4	S3		
<i>Quercus laevis</i> Walt.	Turkey Oak	G5	S3		
<i>Quercus margarettae</i> Ashe ex Small	Sand Post Oak	G5	S3		
= <i>Quercus stellata</i> var. <i>margaretta</i> (Ashe ex Small) Sarg.					
<i>Quercus virginiana</i> P. Mill.	Live Oak	G5	S3		
<i>Rhamnus lanceolata</i> Pursh	Lance-leaved Buckthorn	G5	S3		
<i>Rhododendron cumberlandense</i> E.L. Braun	Cumberland Azalea	G4?	S3		
<i>Rhynchospora caduca</i> Ell.	Angle-stem Beaksedge	G5	S3		
<i>Rhynchospora cephalantha</i> Gray var. <i>cephalantha</i>	Common bunched beaksedge	G5T4T5	S3		
<i>Rhynchospora macrostachya</i> Torr. ex Gray	Horned Beaksedge	G4	S3		
<i>Rhynchospora perplexa</i> Britt.	Pineland Beaksedge	G5	S3		
<i>Rhynchospora rariflora</i> (Michx.) Ell.	Few-flowered Beaksedge	G5	S3		
<i>Ribes glandulosum</i> Grauer	Skunk Currant	G5	S3		
<i>Ruellia humilis</i> Nutt.	Low Wild-petunia	G5	S3		
<i>Ruellia purshiana</i> Fern.	Pursh's Wild-petunia	G3	S3		
<i>Sabatia brachiata</i> Ell.	Narrow-leaf Rose-pink	G5?	S3		
<i>Sabatia calycina</i> (Lam.) Heller	Coastal Rose-pink	G5?	S3		
<i>Sabatia dodecandra</i> (L.) B.S.P.	Large Marsh-pink	G5?	S3		
<i>Scirpus divaricatus</i> Ell.	Spreading Bulrush	G5	S3		

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VASCULAR PLANTS					
<i>Scirpus hattorianus</i> Makino	Northern Bulrush	G5	S3		
<i>Scirpus lineatus</i> Michx.	Drooping Bulrush	G4	S3		
= <i>Scirpus fontinalis</i> Harper					
<i>Scutellaria saxatilis</i> Riddell	Rock Skullcap	G3G4	S3		
<i>Sesuvium maritimum</i> (Walt.) B.S.P.	Small Sea-purslane	G5	S3		
<i>Sideroxylon lycioides</i> L.	Buckthorn Bumelia	G5	S3		
= <i>Bumelia lycioides</i> (L.) Pers.					
<i>Sisyrinchium fuscum</i> Bickn.	Coastal Plain Blue-eyed-grass	G5?	S3		
= <i>Sisyrinchium arenicola</i> Bickn.					
<i>Solidago faucibus</i> Wieboldt	Gorge Goldenrod	G2G4	S3		
<i>Solidago flaccidifolia</i> Small	Mountain goldenrod	G5	S3?		
= <i>Solidago curtisii</i> var. <i>flaccidifolia</i> (Small) R.E. Cook & Semple					
<i>Solidago hispida</i> Muhl. ex Willd.	Hairy Goldenrod	G5	S3		
<i>Solidago tarda</i> Mackenzie	Sandhill Goldenrod	G4?Q	S3?		
= <i>Solidago ludoviciana</i> (Gray) Small					
Under <i>S. arguta</i> in Radford et al. (1968) Under <i>S. arguta</i> var. <i>arguta</i> in Kartesz (1999)					
<i>Sparganium eurycarpum</i> Engelm. ex Gray	Giant Bur-reed	G5	S3		
<i>Spinulum annotinum</i> (Linnaeus) A. Haines	Stiff Clubmoss	G5	S3?		
= <i>Lycopodium annotinum</i> L.					
<i>Spiranthes ochroleuca</i> (Rydb.) Rydb.	Yellow Nodding Ladies'-tresses	G4	S3		
<i>Spiranthes odorata</i> (Nutt.) Lindl.	Fragrant Ladies'-tresses	G5	S3		
= <i>Spiranthes cernua</i> var. <i>odorata</i> (Nutt.) Correll					
<i>Stachys hyssopifolia</i> Michx.	Hyssop-leaf Hedge-nettle	G4G5	S3		
<i>Stachys latidens</i> Small ex Britt.	Broad-toothed Hedge Nettle	G4G5	S3		
<i>Stellaria corei</i> Shinnery	Tennessee Starwort	G4	S3		
= <i>Stellaria pubera</i> var. <i>sylvatica</i> Michx. (Berguinot) Weath.					
<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 var. <i>ericoides</i>	White Heath Aster	G5T5	S3		
= <i>Aster ericoides</i> L.					
<i>Symphotrichum urophyllum</i> (Lindl.) Nesom	Arrow-leaved Aster	G4G5	S3		
= <i>Aster sagittifolius</i> Wedemeyer ex. Willd.					
<i>Taenidia montana</i> (Mackenzie) Cronq.	Mountain Pimpernel	G3	S3		

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VASCULAR PLANTS					
<i>Taxus canadensis</i> Marsh.	Canada Yew	G5	S3		
<i>Thermopsis mollis</i> (Michx.) M.A. Curtis ex Gray	Appalachian Golden-banner	G3G4	S3		
<i>Tradescantia subaspera</i> Ker-Gawl.	Zigzag Spiderwort	G5	S3		
<i>Tragia urticifolia</i> Michx.	Nettle-leaf Noseburn	G5	S3		
<i>Trifolium virginicum</i> Small ex Small & Vail	Kates Mountain Clover	G3	S3		
<i>Triglochin striata</i> Ruiz & Pavon	Southern Arrowgrass	G5	S3		
<i>Triosteum aurantiacum</i> Bickn. var. <i>aurantiacum</i>	Orange-fruited Horse-gentian	G5T5	S3		
<i>Tsuga caroliniana</i> Engelm.	Carolina Hemlock	G2G3	S3		
<i>Typha domingensis</i> Pers.	Southern Cattail	G4G5	S3?		
<i>Uniola paniculata</i> L.	Sea Oats	G5	S3		
<i>Utricularia geminiscapa</i> Benj.	Two-flowered Bladderwort	G4G5	S3		
<i>Utricularia macrorhiza</i> Le Conte = <i>Utricularia vulgaris</i> L.	Common Bladderwort	G5	S3		
<i>Utricularia radiata</i> Small = <i>Utricularia inflata</i> var. <i>minor</i> Chapman	Floating Bladderwort	G4	S3		
<i>Verbesina virginica</i> L. var. <i>virginica</i> All Virginia <i>V. virginica</i> is var. <i>virginica</i>	White Crownbeard	G5?T5?	S3		
<i>Viola brittoniana</i> Pollard	Coast Violet	G4G5	S3?		
<i>Viola esculenta</i> Ell. = <i>Viola x esculenta</i> Ell. (pro sp.) Under <i>V. septemloba</i> Le Conte in Radford et al. (1968)	Salad Violet	G4G5	S3		
<i>Viola macloskeyi</i> Lloyd var. <i>pallens</i> (Banks ex DC.) C.L. Hitchc.	Smooth White Violet	G5T5	S3		
<i>Viola septentrionalis</i> Greene	Northern Blue Violet	G5	S3		
<i>Wolffiella gladiata</i> (Hegelm.) Hegelm. = <i>Wolffiella floridana</i> (J.D. Sm.) C.H. Thompson	Sword Bogmat	G5	S3		
<i>Zanthoxylum americanum</i> P. Mill.	Toothache Tree	G5	S3		
<i>Zanthoxylum clava-herculis</i> L.	Hercules'-club	G4	S3		

Vascular Plant Review List

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Scientific Name	Common Name	Global Rank	State Rank
<i>Agalinis fasciculata</i> (Ell.) Raf. = <i>Gerardia fasciculata</i> Ell.	Tall False Foxglove	G5	SU
<i>Agrostis altissima</i> (Walt.) Tuckerman	Coastal Bog Bentgrass	G4	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 Grass	G5T5	SU
<i>Ampelopsis cordata</i> Michx.	Heart-leaf Peppervine	G5	SU
<i>Andropogon tenuispatheus</i> (Nash) Nash = <i>Andropogon glomeratus</i> var. <i>pumilus</i> Vasey ex Dewey	Maritime Bushy Bluestem	G5T5	SU
<i>Antennaria howellii</i> Greene ssp. <i>petaloidea</i> (Fern.) Bayer	Small Pussytoes	G5T4T5	SU
<i>Arisaema triphyllum</i> (L.) Schott ssp. <i>stewardsonii</i> (Britt.) Huttleston = <i>Arisaema stewardsonii</i> Britt.	Bog Jack-in-the-pulpit	G5T5	SU
<i>Asarum canadense</i> L. var. <i>acuminatum</i> Ashe	Wild ginger	G5TNRQ	SU
<i>Asplenium trichomanes</i> L. ssp. <i>quadrivalens</i> D.E. Mey.	Limestone Maidenhair	G5T5?	SU
<i>Boechera burkii</i> (Porter) Windham & Al-Shehbaz	Burk's Smooth Rock Cress	G5T3T5	SU
<i>Calystegia silvatica</i> (Kit.) Griseb. ssp. <i>fraterniflora</i> (Mackenzie & Bush) Brummitt = <i>Convolvulus sepium</i> L. var. <i>fraterniflorus</i> Mackenzie & Bush	Large Bindweed	G5T5	SU
<i>Carex cherokeensis</i> Schwein.	Cherokee Sedge	G4G5	SU
<i>Coleataenia anceps</i> (Michx.) Soreng ssp. <i>rhizomata</i> (A.S. Hitchc. & Chase) Soreng = <i>Panicum anceps</i> var. <i>rhizomatum</i> (A.S. Hitchc. & Chase) Fern.	Small Beaked Panic Grass	G5TNR	SU
<i>Crataegus disperma</i> Ashe	Two-seed Hawthorn	G4G5	SU
<i>Crataegus iracunda</i> Beadle Included in <i>C. flabellata</i> (Bosc.) K. Koch. in Radford et al. (1968)	Forest Hawthorn	G5	SU
<i>Crataegus vailiae</i> Britt.	Vail's Hawthorn	G4?Q	SU
<i>Crepidomanes intricatum</i> (Farrar) Ebihara & Weakley = <i>Trichomanes intricatum</i> Farrar	Grotto-felt	G4G5	SU
<i>Desmodium paniculatum</i> (L.) DC. var. <i>epetiolatum</i> Schub.	Narrow-leaf Tick-trefoil	G5T1Q	SU
<i>Dichanthelium spretum</i> (J.A. Schultes) Freckmann = <i>Panicum spretum</i> J.A. Schultes	Eaton's Panic Grass	G5	SU
<i>Digitaria villosa</i> (Walt.) Pers. = <i>Digitaria filiformis</i> (L.) Koeler var. <i>villosa</i> (Walt.) Fern.	Shaggy Crabgrass	G5T5	SU
<i>Eupatorium cordigerum</i> (Fern.) Fern.	Clasping Round-leaf Thoroughwort	G5TNR	SU

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= <i>Eupatorium rotundifolium</i> var. <i>cordigerum</i> Fern.			
<i>Eupatorium vaseyi</i> Porter	Vasey's Thoroughwort	G5T3T5	SU
= <i>Eupatorium album</i> L. var. <i>monardifolia</i> Fern.			
= <i>Eupatorium sessilifolium</i> var. <i>vaseyi</i> (Porter) Fern. & Grisc.			
<i>Euphorbia pubentissima</i> Michx.	False Flowering Spurge	G5	SU
<i>Euphorbia spathulata</i> Lam.	Woodland Spurge	G5	SU
Included with <i>E. obtusata</i> Pursh in Harvill et al. (1992).			
<i>Euthamia hirtipes</i> (Fern.) Sieren (pro hybr.)	Marsh Flat-top Goldenrod	G5TNR	SU
= <i>Euthamia graminifolia</i> var. <i>hirtipes</i> (Fern.) C.& J. Taylor			
<i>Galium orizabense</i> Hemsl. ssp. <i>laevicaule</i> (Weatherby & Blake) Dempster	Bald Bedstraw	G5?T4?	SU
= <i>Galium pilosum</i> Ait. var. <i>laevicaule</i> Weatherby & Blake			
<i>Glandularia canadensis</i> (L.) Nutt.	Rose Vervain	G5	SU
= <i>Verbena canadensis</i> (L.) Britt.			
<i>Gratiola virginiana</i> L. var. <i>aestuariorum</i> Pennell	Roundfruit hedge-hyssop	G5T2T4	SU
<i>Isolepis carinata</i> Hook. & Arn. ex Torr.	Keeled Bulrush	G5	SU
= <i>Isolepis koilolepis</i> Steudel			
= <i>Scirpus koilolepis</i> (Steud.) Gleason			
<i>Lathyrus pusillus</i> Ell.	Tiny Pea	G5?	SU
<i>Lemna minuta</i> Kunth	Pale duckweed	G4	SU
<i>Leptochloa panicea</i> (Retz.) Ohwi ssp. <i>brachiata</i> (Steudl.) N. Snow	Red Sprangletop	GNRT5	SU
<i>Liatris squarrulosa</i> Michx.	Appalachian Blazing Star	G4G5	SU
= <i>Liatris earlei</i> (Greene) K. Schum			
Under <i>L. aspera</i> Michx. in Harvill et al. (1992)			
<i>Ludwigia polycarpa</i> Short & Peter	A Seedbox	G4	SU
<i>Lycopus angustifolius</i> Ell.	Narrow-leaf Bugleweed	G4?Q	SU
Under <i>M. unifolia</i> Michx. in Radford et al. (1968)			
<i>Melampyrum lineare</i> Desr. var. <i>pectinatum</i> (Pennell) Fern.	Pine Barren Cow-wheat	G5T5	SU
<i>Orobancha riparia</i> L.T. Collins	River Broomrape	G4?	SU
<i>Pycnanthemum beadleii</i> (Small) Fern.	Beadle's Mountain-mint	G2G3	SU
<i>Pycnanthemum loomisii</i> Nutt.	Loomis' Mountain-mint	G4?	SU
= <i>Pycnanthemum incanum</i> var. <i>loomisii</i> (Nutt.) Fern.			
Under <i>P. incanum</i> (L.) Michx. in Radford et al. (1968)			
<i>Rosa blanda</i> Ait.	Smooth rose	G5	SU

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Scientific Name	Common Name	Global Rank	State Rank
<i>Rudbeckia laciniata</i> L. var. <i>humilis</i> Gray Under <i>R. laciniata</i> L. in Radford et al. (1968)	Southeastern Cutleaf Coneflower	G5T3?	SU
<i>Sagittaria platyphylla</i> (Engelm.) J.G. Sm.	Delta Arrowhead	G5	SU
<i>Sisyrinchium capillare</i> Bickn. Under <i>S. albidum</i> Raf. in Radford et al. (1968)	Wiry Blue-eyed-grass	GNR	SU
<i>Spiranthes lacera</i> (Raf.) Raf. var. <i>lacera</i>	A ladies'-tresses	G5T5	SU
<i>Symphyotrichum ontarionis</i> (Wieg.) Nesom var. <i>ontarionis</i>	Bottomland aster	G5T4	SU
<i>Viola incognita</i> Brainerd = <i>Viola blanda</i> var. <i>palustriformis</i> Gray	Large-leaved White Violet	G5T4T5	SU
<i>Vittaria appalachiana</i> Farrar & Mickel	Appalachian Shoestring Fern	G4	SU

Scientific Name	Common Name	Global Rank	State Rank	Legal Status (Date listed)	
				Federal	State
VASCULAR PLANTS					
<i>Aeschynomene virginica</i>	Sensitive Joint-vetch	G2	S2	LT (05-1992)	LT (01-2001)
<i>Amaranthus pumilus</i>	Sea-beach amaranth	G2	S1	LT (04-1993)	LT (02-2004)
<i>Betula lenta</i> var. <i>uber</i> = <i>Betula uber</i>	Virginia Roundleaf birch	G1Q	S1	LT (11-1994)	LE (02-2004)
<i>Boechera serotina</i> = <i>Arabis serotina</i>	Shale barren rock cress	G2	S2	LE (07-1989)	LT (02-2004)
<i>Boltonia montana</i>	Valley doll's-daisy	G1G2	S1		LE (12-2013)
<i>Cardamine micranthera</i>	Small-anthered Bittercress	G2	S2	LE (09-1989)	LE (02-2004)
<i>Carex juniperorum</i>	Juniper sedge	G3	S1		LE (02-2004)
<i>Clematis addisonii</i>	Addison's Leatherflower	G1?	S1?		PE (07-2019)
<i>Clematis viticaulis</i>	Millboro Leatherflower	G1	S1S2		LT (12-2013)
<i>Corallorhiza bentleyi</i>	Bentley's coralroot	G2	S2		LE (02-2004)
<i>Echinacea laevigata</i>	Smooth Coneflower	G2G3	S2	LE (09-1992)	LT (02-2004)
<i>Fimbristylis perpusilla</i>	Harper's fimbry	G2	S1		LE (02-2004)
<i>Harperella nodosa</i> = <i>Ptilimnium nodosum</i>	Harperella	G2	S1	LE (09-1988)	LE (02-2004)
<i>Helenium virginicum</i>	Virginia Sneezeweed	G3	S2	LT (11-1998)	LE (02-2004)
<i>Helonias bullata</i>	Swamp-pink	G3	S2S3	LT (09-1988)	LE (02-2004)
<i>Houstonia montana</i> = <i>Houstonia purpurea</i> var. <i>montana</i>	Roan mountain bluet	G5T2	S1	LE (04-1990)	PT (07-2019)
<i>Ilex collina</i> = <i>Nemopanthus collinus</i>	Long-stalked Holly	G3	S1		LE (02-2004)
<i>Iliamna corei</i>	Peters Mountain mallow	G1	S1	LE (05-1986)	LE (02-2004)
<i>Isoetes virginica</i>	Virginia Quillwort	G1	S1		LE (12-2013)
<i>Isotria medeoloides</i>	Small Whorled Pogonia	G2G3	S2	LT (10-1994)	LE (02-2004)
<i>Juncus caesariensis</i>	New Jersey Rush	G2G3	S2		LT (02-2004)
<i>Ludwigia ravenii</i>	Raven's Seedbox	G1G2	S1		PE (07-2019)
<i>Nuphar sagittifolia</i>	Narrow-leaved Spatterdock	G5T2	S1		LT (02-2004)
<i>Panax quinquefolius</i>	Ginseng	G3G4	S3S4		LT (01-2004)
<i>Paxistima canbyi</i> = <i>Pachistima canbyi</i>	Canby's Mountain-lover	G2?	S2		PT (07-2019)
<i>Phemeranthus piedmontanus</i>	Piedmont fameflower	G1	S1		PE (07-2019)
<i>Phlox buckleyi</i>	Sword-leaf phlox	G2	S2		PT (07-2019)
<i>Platanthera leucophaea</i>	Prairie fringed orchid	G2G3	SH	LT (09-1989)	LT (02-2004)
<i>Pycnanthemum torreyi</i>	Torrey's Mountain-mint	G2	S2		PT (07-2019)
<i>Rhus michauxii</i>	Michaux's Sumac	G2G3	S1	LE (09-1989)	LT (02-2004)
<i>Rudbeckia heliopsidis</i>	Sun-facing Coneflower	G2	S1		PT (07-2019)
<i>Schwalbea americana</i>	Chaffseed	G2	SH	LE (09-1992)	
<i>Scirpus ancistrochaetus</i>	Northeastern Bulrush	G3	S2	LE (05-1991)	LE (01-2001)
<i>Scirpus flaccidifolius</i>	Reclining Bulrush	G2	S1S2		LT (02-2004)

APPENDIX 1. Federal and State Listed Plants and Lichens of Virginia



Scientific Name	Common Name	Global Rank	State Rank	Legal Status (Date listed)	
				Federal	State
<i>Spiraea virginiana</i>	Virginia Spiraea	G2	S1	LT (06-1990)	LE (01-2001)
<i>Trifolium calcaricum</i>	Running Glade Clover	G1	S1		LE (01-2001)
LICHENS					
<i>Cetradonia linearis</i>	Rock gnome lichen	G3	S1	LE (01-1995)	
= <i>Gymnoderma lineare</i>					

Changes to Plant List Since January 2019

Below are summaries of changes made to plant and lichen species on the tracking list. Changes to the watchlist and review list are not noted.

Additions to the rare plant and lichen lists

Scientific Name	Common Name	Old Rank	New Rank
<i>Blindia acuta</i> (Hedw.) Bruch & Schimp. in B.S.G.	Sharp's blindleaf moss	N/A	S1
<i>Crossocalyx hellerianus</i> (Nees ex Lindenb.) Meyl.	Heller's Notchwort	N/A	SH
<i>Syzigiella nipponica</i> (S. Hatt.) K. Feldberg, Vana, Hentschel & Heinrichs	A liverwort	N/A	SH
<i>Rubus setosus</i> Bigelow	Bristly blackberry	N/A	S1

Removals from the rare plant and lichen tracking lists-

Rhamnus lanceolata Pursh var. *glabrata* Gleason Varieties of this species are no longer recognized.

Rank changes to the rare plant and lichen tracking lists

Scientific Name	Common Name	Old Rank	New Rank
<i>Oncophorus rauei</i> (Aust.) Grout	A moss	SNR	SH
<i>Botrychium lanceolatum</i> (Gmel.) Angstr. var. <i>angustisegmentum</i> Pease & Moore	Triangle grape fern	SH	S1
<i>Burmannia biflora</i> L.	Violet Burmannia	SH	S1
<i>Lilium grayi</i> S. Wats.	Gray's Lily	S2	S1

<i>Platanthera leucophaea</i> (Nutt.) Lindl.	Prairie fringed orchid	S1	SH
<i>Valerianella chenopodiifolia</i> (Pursh) DC.	Goosefoot corn-salad	SH	S1

Taxonomic changes to the rare plant and lichen tracking lists

Dichantherium sp. 12 now listed as *Dichantherium appalachiense* Townsend & LeBlond

Dichantherium sp. 13 now listed as *Dichantherium harvillii* Ludwig & LeBlond

Heteranthera multiflora (Griseb.) C.N. Horn Formerly listed as *H. multiflora*, which was split.

Our plants are now classified as *H. pauciflora* C.N. Horn



Rare Species Sighting Form

Please print this form and mail it to:

Virginia Department of Conservation and Recreation
Division of Natural Heritage
600 East Main Street; 24th Floor
Richmond, VA 23219
(804) 786-7951

Species Name: _____

Date Observed: _____

County: _____

USGS Quadrangle Name (if known): _____

Location: (Provide a detailed description. Include a topographic map showing the location or sketch a map on the back of this form): _____

Habitat Description: (Include associated species, elevation, natural features, natural community type, etc.) _____

Population Data: (Include data such as number of individuals, age, size, spatial distribution, evidence of reproduction) _____

Owner: _____

Threats or evidence of Disturbance: _____

Protection Information: (Under present conditions, will this population maintain itself over a long period of time? Why or why not?) _____

Reported By: _____

Address: _____

Phone: _____

E-Mail: _____

Date: _____