

# NATURAL HERITAGE RESOURCES OF VIRGINIA:

## RARE PLANTS

Published: Jun 2025

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This report should be cited as:

Townsend, John F., 2025. Natural Heritage Resources of Virginia: Rare Plants. Natural Heritage Rare Species Lists (2025-Summer). Virginia Department of Conservation and Recreation, Division of Natural Heritage, Richmond, Virginia. 9 pp. plus rare species lists and appendices.



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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 = 646) and nonvascular plant (n = 87) and each lichen (n = 32).

The second section is the Vascular Plant Watchlist. The watchlist contains information on the conservation and legal status of 235 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 45 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 19 federal and 35 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](mailto: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, J.F. Townsend, and G.P. Fleming. 2020. Flora of Virginia. With significant additions and updates. Bland Crowder, ed. Mobile app. Foundation of the Flora of Virginia Project Inc., Richmond, and High Country Apps, Bozeman, Montana. 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](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, J.F. Townsend, and G.P. Fleming. 2020. Flora of Virginia. With significant additions and updates. Bland Crowder, ed. Mobile app. Foundation of the Flora of Virginia Project Inc., Richmond, and High Country Apps, Bozeman, Montana.

## **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 <sup>a</sup>	Vascular Plants	Nonvascular Plants	Lichens
GH	1	0	0
G1	26	0	1
G2	38	5	4
G3	79	24	8
SX	1	0	0
SH	85	34	6
S1	435	49	23
S2	125	4	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 <sup>b</sup>	Vascular Plants	Nonvascular Plants	Lichens
FE	8	0	1
FT	9	0	0
PFE	0	0	0
SE	19	0	0
PSE	0	0	0
ST	15	0	0

PST	0	0	0
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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
<b>VASCULAR PLANTS</b>					
<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>Agalinis fasciculata</i> (Ell.) Raf. = <i>Gerardia fasciculata</i> Ell.	Fascicled False foxglove	G5	SH		
<i>Agave virginica</i> L. = <i>Manfreda virginica</i> (L.) Salisb. ex Rose	Eastern False-aloe	G5	S2		
<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 noddling onion	G2	S1		
<i>Alnus rugosa</i> (Du Roi) Spreng. = <i>Alnus incana</i> ssp. <i>rugosa</i> (Du Roi) Clausen	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	G3G4	S1		
<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>Anemonastrum canadense</i> (L.) Mosyakin = <i>Anemone canadensis</i> L.	Canada Anemone	G5	SH		
<i>Anemone berlandieri</i> Pritz.	Eastern prairie anemone	G4G5	S1		
<i>Arabis adpressipilis</i> (M. Hopkins) Al-Shehbaz = <i>Arabis hirsuta</i> var. <i>adpressipilis</i> (M. Hopkins) Rollins	Hairy rock cress	G5T4	S1S2		
<i>Arabis patens</i> Sullivant	Spreading rock cress	G3	S1		
<i>Aralia hispida</i> Vent.	Bristly Sarsaparilla	G5	S2		
<i>Arctostaphylos uva-ursi</i> (L.) Spreng.	Bearberry	G5	S1		
<i>Arenaria lanuginosa</i> (Michx.) Rohrb. var. <i>lanuginosa</i>	Spreading sandwort	G5T5	SH		
<i>Arethusa bulbosa</i> L.	Dragon's-mouth	G5	SH		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<b>VASCULAR PLANTS</b>					
<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 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?	S1		
<i>Astragalus neglectus</i> (Torr. & Gray) Sheldon	Cooper's Milkvetch	G4	S2		
<i>Athyrium angustum</i> (Willd.) K. Presl	Northern Lady Fern	G5T5	S1		
<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	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>Boechera dentata</i> (Rafinesque) Al-Shehbaz & Zarucchi = <i>Arabis shortii</i> (Fern.) Gleason	Short's rock cress	G5	S1		
<i>Boechera 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		
<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	G2	S1		LE
<i>Botrychium angustisegmentum</i> (Pease & Moore) Fern.	Triangle grape fern	G5T4T5	S1		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<b>VASCULAR PLANTS</b>					
<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	G4G5	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	G4	S1		
<i>Calopogon tuberosus</i> (L.) B.S.P. var. <i>tuberosus</i>	Tuberosus Grass-pink	G5T5	S1S2		
<i>Calycanthus floridus</i> L.	Sweet-shrub	G5	S1		
<i>Calystegia catesbeiana</i> Pursh	Catesby's false bindweed	G4	S1		
<i>Camassia scilloides</i> (Raf.) Cory	Wild Hyacinth	G5	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. var. <i>palustris</i> Wimm. & Grab.	Cuckoo-flower	G5	S1		
<i>Carex aestivaliformis</i> Mackenzie = <i>Carex x aestivaliformis</i> Mackenzie	Small-fruited summer sedge	GNA	S1		
<i>Carex aquatilis</i> Wahlenb. var. <i>substricta</i> Kukenth.	Aquatic sedge	G5T5	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 buxbaumii</i> Wahlenb.	Brown Bog Sedge	G5	S2		
<i>Carex conoidea</i> Schkuhr ex Willd.	Field Sedge	G5	S1S2		
<i>Carex crawei</i> Dewey	Crawe's sedge	G5	S2		
<i>Carex cristatella</i> Britt.	Crested Sedge	G5	S1		
<i>Carex crus-corvi</i> Shuttlw. ex Kunze	Crowfoot sedge	G5	S2		
<i>Carex davisii</i> Schwein. & Torr.	Davis's sedge	G5	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

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<b>VASCULAR PLANTS</b>					
<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	G5	S1S2		
<i>Carex manhartii</i> Bryson	Blue Ridge purple sedge	G3G4	S1		
<i>Carex ormostachya</i> Wieg.	Necklace spike sedge	G4G5	S1		
<i>Carex pallescens</i> L.	Pale Sedge	G5	S1		
<i>Carex polymorpha</i> Muhl.	Variable Sedge	G3	S2		
<i>Carex prairea</i> Dewey ex Wood	Prairie Sedge	G5	S1		
<i>Carex reniformis</i> (Bailey) Small	Kidney sedge	G4?	S1		
<i>Carex roanensis</i> F.J. Herm.	Roan Mountain Sedge	G3	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	G4	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	G4	S2		
<i>Carex</i> sp. 3	A Sedge	G1	S1		
<i>Carphephorus bellidifolius</i> (Michx.) Torr. & Gray	Sandy-woods Chaffhead	G4	S1S2		
<i>Carphephorus tomentosus</i> (Michx.) Torr. & Gray	Woolly Chaffhead	G4	S1		
<i>Cartrema americanum</i> (Linnaeus) Nesom	Wild Olive	G5	S1		
= <i>Osmanthus americanus</i> (L.) Benth. & Hook. f. ex Gray					
<i>Carya carolinae-septentrionalis</i> (Ashe) Engl. & Graebn.	Carolina shagbark hickory	G5?	S1		
<i>Centunculus minimus</i> L.	Chaffweed	G5	S1		
= <i>Anagallis minima</i> (L.) Krause					
<i>Cerastium velutinum</i> Raf. var. <i>velutinum</i>	Field chickweed	G5T4?	S1S2		
= <i>Cerastium arvense</i> ssp. <i>velutinum</i> (Raf.) Ugborogho					
<i>Chelone cuthbertii</i> Small	Cuthbert's Turtlehead	G3	S2		
<i>Chelone obliqua</i> L. var. <i>obliqua</i>	Red Turtlehead	G4T3T4Q	S1		
<i>Chenopodium foggii</i> H.A. Wahl	Fogg's goosefoot	G2G3	S1?		
<i>Chrysopsis gossypina</i> (Michx.) Ell.	Cottony Golden-aster	G5	S1		
<i>Cicuta bulbifera</i> L.	Bulb-bearing Water-hemlock	G5	SH		
<i>Cirsium altissimum</i> (L.) Hill	Tall Thistle	G5	S1		
<i>Cirsium carolinianum</i> (Walt.) Fern. & Schub.	Carolina Thistle	G5	S1		
<i>Cirsium nuttallii</i> DC.	Nuttall's Thistle	G5	SH		

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<b>VASCULAR PLANTS</b>					
<i>Cirsium repandum</i> Michx.	Sandhill thistle	G5	SH		
<i>Cirsium virginianum</i> (L.) Michx.	Virginia Thistle	G4	S2		
<i>Cladium jamaicense</i> Crantz	Sawgrass	G5T5	S1S2		
<i>Cleistesiosis bifaria</i> (Fernald) Pansarin & F. Barros	Small spreading pogonia	G3G4	S2		
<i>Cleistesiosis divaricata</i> (Linnaeus) Pansarin & F. Barros	Large spreading pogonia	G4	S1		
<i>Cleistesiosis oricamporum</i> P.M. Brown	Coastal Plain Small Spreading Pogonia	G3?	S1		
<i>Clematis addisonii</i> Britt.	Addison's Leatherflower	G1G2	S1S2		LE
<i>Clematis catesbyana</i> Pursh	Satin-curles	G5	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>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	G5T5	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		
<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>Coryphopteris simulata</i> (Davenp.) S.E. Fawc. = <i>Thelypteris simulata</i> (Davenport) Nieuwl.	Bog Fern	G4G5	S1S2		
<i>Crataegus calpodendron</i> (Ehrh.) Medik.	Pear Hawthorn	G5	S1		
<i>Crataegus mollis</i> Scheele var. <i>mollis</i>	Downy hawthorn	G5T5	S1		



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<b>VASCULAR PLANTS</b>					
<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>Crocianthemum bicknellii</i> (Fernald) Janchen	Plains Frostweed	G5	S1		
<i>Crocianthemum 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.	Prostrate Rattle-box	G5	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	G4	S2		
<i>Cuscuta indecora</i> Choisy	Big-seed Alfalfa dodder	G5	S1		
<i>Cuscuta polygonorum</i> Engelm.	Smartweed Dodder	G4G5	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.	Taper-tip 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	G3G4	S1		
<i>Cyperus houghtonii</i> Torr.	Houghton's flatsedge	G4?	SH		
<i>Cyperus neotropialis</i> Alain = <i>Lipocarpha maculata</i> (Michx.) Torr.	American halfchaff sedge	G5	S1		
<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>Cyperus subsquarrosus</i> (Muhl.) Bauters = <i>Lipocarpha micrantha</i> (Vahl) G. Tucker	Small-flower halfchaff sedge	G5	S2		
<i>Cypripedium candidum</i> Muhl. ex Willd.	Small White Lady's-slipper	G3G4	S1		
<i>Cypripedium kentuckiense</i> C.F. Reed	Kentucky Lady's-slipper	G3	S1		
<i>Cypripedium reginae</i> Walt.	Showy Lady's-slipper	G4G5	S1		
<i>Cystopteris tennesseensis</i> Shaver	Tennessee bladder fern	G5	S1		
<i>Dasistoma macrophyllum</i> (Nutt.) Raf.	Mullein Foxglove	G4	S1		
<i>Deschampsia cespitosa</i> (L.) Beauv.	Tufted Hairgrass	G5	S1		

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<b>VASCULAR PLANTS</b>					
<i>Desmodium canadense</i> (L.) DC.	Showy Tick-trefoil	G5	S1		
<i>Desmodium cuspidatum</i> (Muhl. ex Willd.) DC. ex Loud.	Toothed Tick-treefoil	G5	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 = <i>Sedum smallii</i> (Britt. ex Small) Ahles	Small's Stonecrop	G4	S1		
<i>Dichanthelium appalachense</i> Townsend & LeBlond	Shale Ridge Panic Grass	G1	S1		
<i>Dichanthelium caeruleum</i> (Hack. ex A.S. Hitchc.) D.S. Correll	Blue Panic Grass	G3	S1		
<i>Dichanthelium consanguineum</i> (Kunth) Gould & C.A. Clark	Blood panic grass	G5	S1S2		
<i>Dichanthelium cryptanthum</i> (Ashe) LeBlond	Hidden-flowered panic grass	G3Q	S1		
<i>Dichanthelium curtifolium</i> (Nash) LeBlond	Short-leaved witchgrass	G4T3?	S1		
<i>Dichanthelium harvillii</i> Ludwig & LeBlond	Harvill's Panic Grass	G1	S1		
<i>Dichanthelium ovale</i> (Ell.) Gould & C.A. Clark var. <i>ovale</i>	Oval-flowered panic grass	G5T5	S1?		
<i>Dichanthelium spretum</i> (J.A. Schultes) Freckmann = <i>Panicum spretum</i> J.A. Schultes	Eaton's Panic Grass	G5	S1		
<i>Dichanthelium strigosum</i> (Muhl. ex Ell.) Freckmann var. <i>strigosum</i>	Rough-hair panic grass	G5T5	SH		
<i>Didiplis diandra</i> (Nutt. ex DC.) Wood = <i>Peplis diandra</i> Nutt. ex DC.	Water-purslane	G3G4	S1		
<i>Digitaria serotina</i> (Walt.) Michx.	Dwarf Crabgrass	G5?	S1		
<i>Drymocallis arguta</i> (Pursh) Rydb. = <i>Potentilla arguta</i> Pursh	Tall Cinquefoil	G5	S1		
<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	LT	LT
<i>Echinocystis lobata</i> (Michx.) Torr. & Gray	Wild cucumber	G5	SH		
<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.	Bifid spikerush	G3G4	S1		
<i>Eleocharis compressa</i> Sullivant var. <i>compressa</i>	Flattened spikerush	G5T5	S2		

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<b>VASCULAR PLANTS</b>					
<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	G4	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 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 Shinnery ssp. <i>trachycaulus</i>	Slender Wheatgrass	G5T5	S1		
= <i>Agropyron trachycaulum</i> (Link) Malte ex H.F. Lewis					
<i>Endotropis alnifolia</i> (L'Hér.) Hauenschild	Alder-leaved buckthorn	G5	S1		
= <i>Rhamnus alnifolia</i> L'Hér.					
<i>Enemion biternatum</i> Raf.	False Rue-anemone	G5	S1		
= <i>Isopyrum biternatum</i> (Raf.) Torr. & Gray					
<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 laevigatum</i> A. Braun	Smooth Scouring-rush	G5	S1		
<i>Equisetum sylvaticum</i> L.	Woodland Horsetail	G5	S1		
<i>Erianthus coarctatus</i> Fern.	Compressed plumegrass	G5?	S1		
= <i>Saccharum coarctatum</i> (Fern.) R. Webster					
<i>Erigeron vernus</i> (L.) Torr. & Gray	White-top Fleabane	G5	S2		
<i>Eriocaulon aquaticum</i> (Hill) Druce	Seven-angled pipewort	G5	S1		
<i>Eriocaulon decangulare</i> L. var. <i>decangulare</i>	Ten-angled pipewort	G5T5?	S2		
<i>Eriocaulon parkeri</i> B.L. Robins.	Parker's Pipewort	G3	S2		
<i>Eryngium integrifolium</i> Walt.	Blue-flower eryngo	G5	S1		
<i>Eryngium yuccifolium</i> Michx. var. <i>yuccifolium</i>	Northern rattlesnake-master	G5T5	S2		
<i>Erysimum capitatum</i> (Dougl. ex Hook.) Greene var. <i>capitatum</i>	Western Wallflower	G5TNR	S2		
<i>Erythranthe moschata</i> (Douglas ex Lindley) Nesom	Muskflower	G5	SH		
= <i>Mimulus moschatus</i> Dougl. ex Lindl.					
<i>Erythronium albidum</i> Nutt.	White trout lily	G5	S2		

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<b>VASCULAR PLANTS</b>					
<i>Eupatorium linearifolium</i> Walt.	Narrow-leaf bushy thoroughwort	GNR	SH		
<i>Eupatorium maritimum</i> E.E. Schill.	Seaside Thoroughwort	G2?	S1		
Newly named taxon, formerly lumped with <i>Eupatorium anomalum</i> Nash					
<i>Euphorbia bombensis</i> Jacq.	Southern seaside spurge	G4G5	S2		
= <i>Chamaesyce bombensis</i> (Jacq.) Dugand					
<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	Low rough aster	G5	S1		
<i>Eurybia surculosa</i> (Michx.) Nesom	Creeping Aster	G4G5	S1S2		
<i>Eutrochium maculatum</i> (L.) E.E. Lamont var. <i>maculatum</i>	Spotted Joe-pye-weed	G5T5	S1		
= <i>Eupatorium maculatum</i> var. <i>maculatum</i>					
<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>	Hairy fimbry	G5T5	S1		
<i>Fleischmannia incarnata</i> (Walt.) King & H.E. Robins.	Pink Thoroughwort	G5	S2		
= <i>Eupatorium incarnatum</i> Walt.					
<i>Fragaria vesca</i> L. var. <i>americana</i> Porter	Woodland Strawberry	G5T5	S1		
All native <i>F. vesca</i> is var. <i>americana</i>					
<i>Fuirena breviseta</i> (Coville) Coville	Short-bristled umbrella-sedge	G5	SH		
<i>Gaylussacia brachycera</i> (Michx.) Gray	Box Huckleberry	G3	S1		
<i>Gentiana autumnalis</i> L.	Pine barren gentian	G3	S1		
<i>Gentiana linearis</i> Froel.	Narrowleaf Gentian	G4G5	SH		
<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 geniculatum</i> Michx.	Bent avens	G2	S1		
<i>Geum laciniatum</i> Murr.	Rough Avens	G5	S1		
<i>Gillenla 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	G4	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		

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<b>VASCULAR PLANTS</b>					
<i>Habenaria repens</i> Nutt.	Water-spider Orchis	G5	S1		
<i>Harperella nodosa</i> Rose = <i>Ptilimnium nodosum</i> (Rose) Mathias	Harperella	G2	S1	LE	LE
<i>Helanthium tenellum</i> (Mart. ex Schult. f.) Britton = <i>Echinodorus parvulus</i> Engelm.	Dwarf Burhead	G5?	S1		
<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 Formerly listed as <i>H. multiflora</i> , which was split. Our plants now classified as <i>H. pauciflora</i>	Atlantic Mud plantain	G3	S1		
<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>Hexastylis sorriei</i> Gaddy	Sandhills heartleaf	G3	S1		
<i>Hierochloe hirta</i> (Schrank) Borbas = <i>Hierochloe odorata</i> ssp. <i>odorata</i>	Holy grass	G5	S1		
<i>Honckenya peploides</i> (L.) Ehrh. ssp. <i>robusta</i> (Fern.) Hulten = <i>Honkenya peploides</i> (L.) Ehrh.	Sea-beach Sandwort	G5T4	SH		
<i>Hordeum jubatum</i> L. ssp. <i>jubatum</i> Only native Virginia occurrences are monitored	Foxtail barley	G5T5	S1		
<i>Houstonia canadensis</i> Willd. ex Roemer & J.A. Schultes = <i>Hedyotis canadensis</i> (Willd. ex Roemer & J.A. Schultes) Fosberg	Canada Bluets	G4G5	S2		
<i>Houstonia montana</i> Small = <i>Houstonia purpurea</i> var. <i>montana</i> (Small) Terrell	Roan mountain bluets	G5T2	S1	LE	LT
<i>Houstonia nigricans</i> (Lam.) Fern. var. <i>nigricans</i> = <i>Hedyotis nigricans</i> (Lam.) Fosberg	Glade bluets	G5T5	S1		
<i>Huperzia appressa</i> (Desv.) A. Löve & D. Löve = <i>Huperzia appalachiana</i> Beitel & Mickel Includes apparent hybrids between <i>H. appressa</i> and <i>H. lucidula</i>	Appalachian Fir clubmoss	G5	S2		
<i>Huperzia porophila</i> (Lloyd & Underwood) Holub = <i>Lycopodium porophilum</i> Lloyd & Underwood	Rock Clubmoss	G4	S1		
<i>Hydrocotyle bonariensis</i> Comm. ex Lam.	Coastal water-pennywort	G5	S2		

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<b>VASCULAR PLANTS</b>					
<i>Hymenachne hemitomom</i> (J.A. Schultes) C.C. Hsu = <i>Panicum hemitomom</i> J.A. Schultes	Maidencane	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 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 galioides</i> Lam.	Bedstraw St. John's-wort	G5	S1		
<i>Hypericum interior</i> Small	Interior bushy St. John's-wort	G5TNR	S1		
<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>Hypoxis sessilis</i> L. = <i>Hypoxis longii</i> Fern. Includes <i>H. longii</i> Fern.	Glossy-seed yellow stargrass	G3	SH		
<i>Hypoxis wrightii</i> (Baker) Brackett	Pineland Yellow Stargrass	G4	SH		
<i>Ilex collina</i> Alexander	Long-stalked Holly	G3	S1		LE
<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> Musselman & W.C Taylor	Mattaponi quillwort	G2	S2		
<i>Isoetes melanopoda</i> Gay & Durieu ex Durieu ssp. <i>silvatica</i> D.F. Brunton & D.M. Britton	Black-footed quillwort	G5TNR	S1		
<i>Isoetes piedmontana</i> (N.E. Pfeiffer) C.F. Reed	Piedmont Quillwort	G4	S1		
<i>Isoetes virginica</i> N.E. Pfeiffer	Virginia Quillwort	G1	S1		LE
<i>Isotria medeoloides</i> (Pursh) Raf.	Small Whorled Pogonia	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 caesariensis</i> Coville	New Jersey Rush	G2G3	S2		LT
<i>Juncus elliotii</i> Chapman	Bog Rush	G4G5	S1		

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<b>VASCULAR PLANTS</b>					
<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 tweedyi</i> Rydb.	Narrow-panicled Rush	G5	S2		
<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	G5	S1		
<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	G5T5	SH		
<i>Leersia hexandra</i> Sw.	Southern cutgrass	G5	SH		
<i>Lemna trisulca</i> L.	Star Duckweed	G5	S1		
<i>Leptoloma cognatum</i> (Schultes) Chase	Mountain Hairgrass	G5	S1		
= <i>Digitaria cognata</i> (J.A. Schultes) Pilger					
<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		
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	G2G3	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>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		



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<b>VASCULAR PLANTS</b>					
<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		LE
<i>Ludwigia virgata</i> Michx.	Savanna Seedbox	G5	SH		
<i>Lycopodiella inundata</i> (L.) Holub = <i>Lycopodium inundatum</i> L.	Northern Bog Clubmoss	G5	S1		
<i>Lythrum alatum</i> Pursh	Northern Winged loosestrife	G5	S2		
<i>Lythrum lanceolatum</i> Ell. = <i>Lythrum alatum</i> var. <i>lanceolatum</i> (Ell.) Torr. & Gray ex Rothrock	Southern Winged loosestrife	G5T5	S1		
<i>Magnolia macrophylla</i> Michx.	Bigleaf Magnolia	G4	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 hispidum</i> (Pursh) Hochr. = <i>Malvastrum angustum</i> A. Gray	Hispid false mallow	G3G5	S1		
<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>pensylvanica</i> (Willd.) Morton	Ostrich Fern	G5T5	S1		
<i>Melica nitens</i> (Scribn.) Nutt. ex Piper	Three-flower Melic	G5	S1		
<i>Menyanthes trifoliata</i> L.	Buckbean	G5	S1		
<i>Micranthemum micranthemoides</i> (Nutt.) Wettst.	Nuttall's Micranthemum	GH	SH		
<i>Micranthemum umbrosum</i> (J.F. Gmel.) Blake	Shade Mudflower	G5	S2		
<i>Micranthes careyana</i> (A. Gray) Small = <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>Minuartia caroliniana</i> (Walt.) Mattf.	Carolina sandwort	G4	SH		
<i>Minuartia godfreyi</i> (Shinners) McNeill	Godfrey's Sandwort	G1	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		



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<b>VASCULAR PLANTS</b>					
<i>Mitreola sessilifolia</i> (J.F. Gmel.) G. Don = <i>Cynoctonum sessilifolium</i> J.F. Gmel.	Swamp hornpod	G4G5	S1		
<i>Mnesithea rugosa</i> (Nuttall) de Koning & Sosef = <i>Manisuris rugosa</i> (Nutt.) Kuntze	Wrinkled Jointgrass	G5	S1		
<i>Moehringia lateriflora</i> (L.) Fenzl = <i>Arenaria lateriflora</i> L.	Grove Sandwort	G5	S1		
<i>Monarda brevis</i> (Fosberg & Artz) Floden = <i>Monarda fistulosa</i> var. <i>brevis</i> Fosberg & Artz	Smoke Hole Bergamot	G1G2	SH		
<i>Morella pumila</i> (Michaux) Small	Dwarf wax myrtle	GNR	S1		
<i>Muhlenbergia bushii</i> Pohl Includes <i>M. brachyphylla</i> Bush	Bush's Muhly	G5	S1		
<i>Muhlenbergia cuspidata</i> (Torr. ex Hook.) Rydb.	Plains Muhly	G5	S2		
<i>Muhlenbergia expansa</i> (Poir.) Trin. = <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	G4	S1		
<i>Myriophyllum laxum</i> Shuttlw. ex Chapman	Loose water-milfoil	G3	SH		
<i>Myriopteris alabamensis</i> (Buckley) Grusz & Windham = <i>Cheilanthes alabamensis</i> (Buckl.) Kunze	Alabama lip fern	G5	S1		
<i>Myriopteris gracilis</i> Fée = <i>Cheilanthes feei</i> T. Moore	Slender Lip fern	G5	S1		
<i>Myriopteris rufa</i> Fée = <i>Cheilanthes castanea</i> Maxon	Chestnut lip fern	G5?	S2		
<i>Nabalus autumnalis</i> (Walt.) Weakley = <i>Prenanthes autumnalis</i> Walt.	Slender Rattlesnake-root	G3	S1		
<i>Nabalus crepidineus</i> (Michx.) DC. = <i>Prenanthes crepidinea</i> Michx.	Midwestern Rattlesnake-root	G4	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	G3	S1		

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<b>VASCULAR PLANTS</b>					
<i>Oldenlandia boscii</i> (DC.) Chapman = <i>Hedyotis boscii</i> DC.	Bosc's Bluets	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	G4	SH		
<i>Orbexilum onobrychis</i> (Nutt.) Rydb. = <i>Psoralea onobrychis</i> Nutt.	Lance-leaf scurfpea	G5	SH		
<i>Oreojuncus trifidus</i> (L.) Závěská Drábková & Kirschner = <i>Juncus trifidus</i> L.	Highland Rush	G5	S1		
<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	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>Parnassia grandifolia</i> DC.	Large-leaved grass-of-parnassus	G3G4	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		
<i>Paxistima canbyi</i> Gray = <i>Pachistima canbyi</i> Gray	Canby's Mountain-lover	G2?	S2		LT
<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		LE

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<b>VASCULAR PLANTS</b>					
<i>Phlox amplifolia</i> Britt.	Large-leaf phlox	G3G5	S1		
<i>Phlox buckleyi</i> Wherry	Sword-leaf phlox	G2G3	S2		LT
<i>Phlox pilosa</i> L.	Downy Phlox	G5	S1		
<i>Phyla nodiflora</i> (L.) Greene var. <i>nodiflora</i> = <i>Lippia nodiflora</i> (L.) Michx.	Sawtooth frogfruit	G5TNR	S1		
<i>Pinus palustris</i> P. Mill.	Longleaf pine	G5	S1		
<i>Pityopsis microcephala</i> (Small) Small = <i>Pityopsis graminifolia</i> var. <i>tenuifolia</i> (Torr.) Semple & Bowers	Narrowleaf Golden-aster	G5T5?	S1		
<i>Plantago cordata</i> Lam.	King-root	G3	SH		
<i>Plantago maritima</i> L. var. <i>juncooides</i> (Lam.) Gray	Seaside Plantain	G5T5	S1		
<i>Platanthera blephariglottis</i> (Willd.) Lindl. Conflicting opinions on whether Virginia material is var. <i>blephariglottis</i> or var. <i>conspicua</i>	Small white fringed orchid	G5	S2		
<i>Platanthera grandiflora</i> (Bigelow) Lindl.	Large purple fringed orchid	G5	S2		
<i>Platanthera hookeri</i> (Torr. ex Gray) Lindl.	Hooker's Orchid	G4	SH		
<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	October-flower	G4	S1		
<i>Polygonum glaucum</i> Nutt.	Sea-beach Knotweed	G3	S2		
<i>Populus tremuloides</i> Michx.	Quaking Aspen	G5	S1		
<i>Portulaca smallii</i> P. Wilson	Small's Purslane	G3	S1		
<i>Potamogeton amplifolius</i> Tuckerman	Bigleaf Pondweed	G5	S1		
<i>Potamogeton 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		

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<b>VASCULAR PLANTS</b>					
<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	G5	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	Carolina bog clubmoss	G4	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.	Awne Mountain-mint	G4	S1		
<i>Pycnanthemum torreyi</i> Benth.	Torrey's Mountain-mint	G2	S2		LT
<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.	Common pyxie-moss	G4	S1		
<i>Quercus hemisphaerica</i> Bartr. ex Willd.	Sand laurel oak	G5	S1		
<i>Quercus incana</i> Bartr.	Bluejack oak	G5	S2		
<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	G2	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. = <i>Ranunculus aquatilis</i> var. <i>diffusus</i> Withering	Long-beaked buttercup	G5	SH		
<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

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<b>VASCULAR PLANTS</b>					
<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 = <i>Dichromena colorata</i> (L.) A.H. Hitchc.	Narrow-leaf whitetop sedge	G5	S1		
<i>Rhynchospora debilis</i> Gale	Savanna beaksedge	G4?	S1		
<i>Rhynchospora distans</i> (Michx.) Chapm.	Narrow-fruited Fasciculate Beaksedge	G5T4?	S1		
<i>Rhynchospora fascicularis</i> (Michx.) Vahl	Fasciculate 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 = <i>Psilocarya nitens</i> (Vahl) Wood	Short-beaked beaksedge	G4	SH		
<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 = <i>Psilocarya scirpoides</i> Torr.	Long-beaked beaksedge	G4	S1		
<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>Ripariosida hermaphrodita</i> (L.) Weakley & D.B. Poind. = <i>Sida hermaphrodita</i> (L.) Rusby	Virginia sida	G3	S1		
<i>Rorippa aquatica</i> (Eat.) Palmer & Steyermark = <i>Neobeckia aquatica</i> (Eat.) Greene	Lake Cress	G4?	SH		
<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 idaeus</i> L. ssp. <i>strigosus</i> (Michx.) Focke	Red raspberry	G5T5	S2		
<i>Rubus repens</i> (Linnaeus) Kuntze = <i>Dalibarda repens</i> L.	Dewdrop	G5	S1		
<i>Rubus setosus</i> Bigelow	Bristly blackberry	G5	S1		
<i>Rudbeckia heliopsis</i> Torr. & Gray	Sun-facing Coneflower	G2	S1		LT
<i>Rudbeckia laciniata</i> L. var. <i>bipinnata</i> Perdue	Northern Cut-leaf Coneflower	G5TU	S1		

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<b>VASCULAR PLANTS</b>					
<i>Rudbeckia triloba</i> L. var. <i>beadlei</i> (Small) Fern = <i>Rudbeckia triloba</i> var. <i>pinnatifida</i> Torr. & Gray	Pinnate-lobed coneflower	G5TNR	S1		
<i>Sabatia campanulata</i> (L.) Torr.	Slender Marsh-pink	G4	S2		
<i>Sabatia difformis</i> (L.) Druce	Lance-leaved rose-gentian	G4G5	S1		
<i>Sagittaria brevirostra</i> Mackenzie & Bush	Midwestern Arrowhead	G5	SH		
<i>Sagittaria calycina</i> Engelm.	Long-lobed arrowhead	G5	S1		
<i>Sagittaria engelmanniana</i> J.G. Sm.	Engelmann's arrowhead	G4	SH		
<i>Sagittaria filiformis</i> J.G. Sm.	Narrowleaf Arrowhead	G4	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 interior</i> Rowlee = <i>Salix exigua</i> 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-lobe grape fern	G4	S1		
<i>Schizachne purpurascens</i> (Torr.) Swallen	Purple oatgrass	G5	S1		
<i>Schoenoplectiella smithii</i> (A. Gray) Hayasaka = <i>Schoenoplectus smithii</i> (Gray) Sojak	Smith's Bulrush	G5?	SH		
<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 subterminalis</i> (Torr.) Sojak	Water Bulrush	G5	S1		
<i>Schoenoplectus torreyi</i> (Olney) Palla	Torrey's Bulrush	G4	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

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<b>VASCULAR PLANTS</b>					
<i>Scleria ciliata</i> Michx. var. <i>ciliata</i>	Hairy nutrush	G5TNR	S1		
<i>Scleria flaccida</i> Steudel.	Flaccid nutrush	G4	SH		
<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	G3	S1		
<i>Scutellaria galericulata</i> L. = <i>Scutellaria epilobiifolia</i> A. Hamilton	Hooded Skullcap	G5	S1		
<i>Scutellaria incana</i> Biehler	Hoary Skullcap	G5	S2		
<i>Scutellaria parvula</i> Michx.	Dwarf Skullcap	G5	S1		
<i>Sedum pulchellum</i> Michx.	Widow's-cross	G5	S1		
<i>Senecio suaveolens</i> (Linnaeus) Elliot = <i>Hasteola suaveolens</i> (L.) Pojark.	Sweet-scented Indian-plantain	G4	S2		
<i>Seymeria cassioides</i> (J.F. Gmel.) Blake	Senna seymeria	G5	S1S2		
<i>Sibbaldiopsis tridentata</i> (Ait.) Rydb. = <i>Potentilla tridentata</i> Ait.	Three-toothed Cinquefoil	G5	S2		
<i>Sida elliotii</i> Torr. & Gray var. <i>elliotii</i> Virginia material is referable to <i>Sida inflexa</i> Fern., but treated here as an anomalous form of <i>S. elliotii</i> var. <i>elloittii</i> .	Elliott's sida	G4G5TNR	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		
<i>Solidago lancifolia</i> Torr. & Gray Under <i>S. curtissii</i> Torr. & Gray in Kartesz (1999) Radford et al. (1968). Recent research has affirmed taxonomic status and rarity	Lance-leaf Goldenrod	G2	S1		
<i>Solidago latissimifolia</i> P. Mill. = <i>Solidago elliotii</i> Torr. & Gray	Elliott's goldenrod	G4	S2		
<i>Solidago racemosa</i> Greene = <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	Sticky Goldenrod	G5T3?	S1		
<i>Solidago randii</i> (Porter) Britt. = <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	Rand's Goldenrod	G5T4	S2		
<i>Solidago rigida</i> L. var. <i>rigida</i> = <i>Oligoneuron rigidum</i> var. <i>rigidum</i>	Stiff Goldenrod	G5T5	S2		
<i>Solidago rigida</i> L. var. <i>glabrata</i> E.L. Braun	Southeastern stiff goldenrod	G5T3T4	S1		



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<b>VASCULAR PLANTS</b>					
= <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	G5T4	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	G5T5	S2		
All Virginia <i>S. uliginosa</i> is var. <i>uliginosa</i>					
<i>Sparganium acaule</i> (Beeby ex Macoun) Rydberg	Narrow-leaf bur-reed	G5T5	S1		
= <i>Sparganium emersum</i> Rehmann					
<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	GNR	S1?		
<i>Sphenopholis filiformis</i> (Chapman) Scribn.	Long-leaf wedgrass	G4	S1		
<i>Spiraea virginiana</i> Britt.	Virginia Spiraea	G2?	S1	LT	LE
<i>Spiranthes bightensis</i> M.C. Pace	Atlantic Ladies'-tresses	G1	S1		
<i>Spiranthes eatonii</i> Ames ex P.M. Brown	Eaton's Ladies'-tresses	G3Q	S1		
<i>Spiranthes laciniata</i> (Small) Ames	Lace-lip Ladies'-tresses	G4G5	SH		
<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>Spiranthes praecox</i> (Walt.) S. Wats.	Grass-leaved Ladies'-tresses	G5	S1		
<i>Sporobolus compositus</i> (Poir.) Merr. var. <i>compositus</i>	Tall dropseed	G5T5	S2		
= <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	G5T5	S1		
<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		



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<b>VASCULAR PLANTS</b>					
<i>Stachys matthewsii</i> G.P. Fleming, J.B. Nelson, & J.F. Townsend	Yadkin hedge-nettle	G1?	S1		
<i>Steinchisma hians</i> (Ell.) Nash = <i>Panicum hians</i> (Ell.) Nash	Gaping Panic Grass	G5	S1		
<i>Steironema hybridum</i> (Michaux) Rafinesque ex B.D. Jackson = <i>Lysimachia hybrida</i> Michx.	Lowland loosestrife	G5	S2		
<i>Steironema quadriflorum</i> (Sims) A. S. Hitchc. = <i>Lysimachia quadriflora</i> Sims	Prairie loosestrife	G5?	S1		
<i>Steironema radicans</i> (Hooker) A. Gray = <i>Lysimachia radicans</i> Hook.	Trailing Loosestrife	G4G5	SH		
<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	G2	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.	Pineland scalypink	G4G5	S1		
<i>Streptopus amplexifolius</i> (L.) DC.	White Mandarin	G5	S1		
<i>Stylophorum diphyllum</i> (Michx.) Nutt.	Celandine Poppy	G5	S2		
<i>Sullivantia sullivantii</i> (Torr. & Gray) Britt.	Sullivantia	G4	S1		
<i>Symphoricarpos albus</i> (L.) Blake var. <i>albus</i> All native Virginia <i>S. albus</i> is var. <i>albus</i> , non-native material is <i>S. albus</i> var. <i>laevigatus</i> (Fern.) Blake	Common snowberry	G5T5	S1		
<i>Symphyotrichum dumosum</i> (L.) Nesom var. <i>strictior</i> (Torr. & Gray) Nesom	Tradescant aster	G5T4	S1		
<i>Symphyotrichum elliotii</i> (Torr. & Gray) Nesom	Elliott's Aster	G4	S1		
<i>Symphyotrichum praealtum</i> (Poir.) Nesom var. <i>angustior</i> (Wieg.) Nesom	Willow-leaf aster	G5T4	S1		
<i>Symphyotrichum pratense</i> (Raf.) Nesom	Western silvery aster	G4?	S1		
<i>Symphyotrichum schistosum</i> (E.S. Steele) G.L. Nesom = <i>Symphyotrichum</i> x <i>schistosum</i> (Steele) Nesom	Millboro Aster	GNA	S1		
<i>Symphyotrichum shortii</i> (Lindl.) Nesom = <i>Aster shortii</i> Lindl.	Short's Aster	G5	S1		
<i>Synandra hispidula</i> (Michx.) Baill.	Gyandotte Beauty	G4	S2		

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<b>VASCULAR PLANTS</b>					
<i>Taxodium ascendens</i> Brongn.	Pondcypress	G5	S1		
Largest population contains trees transitional to <i>T. distichum</i>					
<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>Triadenum fraseri</i> (Spach) Gleason	Fraser's Marsh St. John's-wort	G5	S2		
= <i>Hypericum fraseri</i> (Spach) Steudel					
<i>Triadenum tubulosum</i> (Walt.) Gleason	Lesser marsh St. John's-wort	G4?	S2		
= <i>Hypericum tubulosum</i> Walt.					
<i>Triantha glutinosa</i> (Michx.) Baker	Sticky false asphodel	G5	S1		
= <i>Tofieldia glutinosa</i> (Michx.) Pers.					
<i>Triantha racemosa</i> (Walt.) Small	Coastal false asphodel	G5	SH		
= <i>Tofieldia racemosa</i> (Walt.) B.S.P.					
<i>Trichostema setaceum</i> Houtt.	Narrow-leaf blue curls	G5	S2		
<i>Tridens chapmanii</i> (Small) Chase	Chapman's purpletop	G5T3	S1		
= <i>Tridens flavus</i> var. <i>chapmanii</i> (Small) Shinnery					
<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.	Virginia Least Trillium	G4T3	S2		
<i>Trillium pusillum</i> Michx. var. <i>monticulum</i> Bodkin and Reveal	Mountain least trillium	G4T1	S1		
<i>Triphora trianthophora</i> (Sw.) Rydb. var. <i>trianthophora</i>	Three birds orchid	G4?T4?	S1		
<i>Trisetum spicatum</i> (L.) Richter	Narrow False Oats	G5	S1		
<i>Tsuga caroliniana</i> Engelm.	Carolina Hemlock	G3	S2		
<i>Turritis glabra</i> L.	Tower mustard	G5	S1		
= <i>Arabis glabra</i> (L.) Bernh.					
<i>Utricularia juncea</i> Vahl	Southern Bladderwort	G5	S1		
<i>Utricularia purpurea</i> Walt.	Purple Bladderwort	G5	S2		
<i>Utricularia striata</i> LeConte ex Torrey	Fibrous Bladderwort	G4	S1		
= <i>Utricularia fibrosa</i> Walt.					
<i>Vaccinium crassifolium</i> Andr.	Creeping Blueberry	G4G5	S1		
<i>Vaccinium macrocarpon</i> Ait.	Large Cranberry	G5	S2		

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<b>VASCULAR PLANTS</b>					
<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 appalachiensis</i> L.K. Henry = <i>Viola walteri</i> var. <i>appalachiensis</i> (Henry) McKinney ex S.P. Grund & B.L. Isaac	Appalachian blue violet	G4	S1		
<i>Viola glaberrima</i> (Gingins) H. House = <i>Viola tripartita</i> var. <i>glaberrima</i> (DC.) Harper	Mountain Yellow Violet	G5T3?	S1		
<i>Viola tenuisecta</i> Zumwalde & H.E. Ballard Formerly unnamed taxon ( <i>Viola</i> sp. 1) of shale barrens and woodlands, similar in appearance to <i>Viola pedatifida</i> G. Don	A violet	G1G2	S1		
<i>Viola walteri</i> House	Prostrate Blue Violet	G5	S2		
<i>Vitis rupestris</i> Scheele	Sand Grape	G3	S1		
<i>Wisteria frutescens</i> (L.) Poir. var. <i>frutescens</i>	American Wisteria	G5TNR	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-camas	G5	S1		
<i>Zornia bracteata</i> J.F. Gmel.	Viperina	G5?	S1		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<b>NONVASCULAR PLANTS</b>					
<b>LIVERWORTS</b>					
<i>Acrobolbus ciliatus</i> (Mitt.) Schiffn.	A liverwort	G3?	S1		
<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	G4	S1		
<i>Cololejeunea cardiocarpa</i> (Mont.) A. Evans	A liverwort	G4G5	SH		
<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	S1		
<i>Drepanolejeunea appalachiana</i> Schust.	Appalachian threadwort	G3	S1		
<i>Frullania caulisequa</i> (Nees) Nees	A liverwort	G5	S1		
<i>Harpanthus scutatus</i> (Web. et Mohr) Spruce	Stipular flapwort	G4G5	S1		
<i>Lejeunea blomquistii</i> Schuster	Blomquist's leafy liverwort	G3	S1		
<i>Lejeunea ruthii</i> (Evans) Schust.	A liverwort	G3G4T3T4	S1		
<i>Leptoscyphus cuneifolius</i> (Hook.) Mitt.	Wedge flapwort	G4G5T4T5	SH		
<i>Lophocolea appalachiana</i> Schuster	Appalachian crestwort	G2	S1		
<i>Marsupella paroica</i> Schust.	A liverwort	G3	SH		
<i>Metzgeria consanguinea</i> Schiffn. = <i>Metzgeria temperata</i> Kuwahara	Whiskered veilwort	G4	S1		
<i>Microlejeunea bullata</i> (Taylor) Steph.	A pouncewort	G5	SH		
<i>Nardia lescurii</i> (Aust.) Underw.	A liverwort	G3?	SH		
<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 appalachiana</i> H.Inoue	A liverwort	G3G4	S1		
<i>Plagiochila austinii</i> Evans	A liverwort	G3	S2		
<i>Plagiochila echinata</i> Schust.	A liverwort	G3	S1		
<i>Plagiochila exigua</i> (Taylor) Taylor	A liverwort	G4?	SH		
<i>Plagiochila raddiana</i> Lindenb.	A liverwort	G5	SH		
<i>Plagiochila sullivantii</i> Gottsche ex. Evans	Sullivant's leafy liverwort	G3G4	SH		
<i>Riccia dictyospora</i> M. A. Howe	A liverwort	G3?	S1		

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<b>NONVASCULAR PLANTS</b>					
<b>LIVERWORTS</b>					
<i>Scapania degenii</i> Schiffn. Ex K. Mull. var. <i>dubia</i> Schust.	A liverwort	G4G5T3?	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>Sphenobolopsis pearsonii</i> (Spruce) Schust.	Horsehair threadwort	G4	S1		
<i>Sphenobolus minutus</i> (Schreb. ex D. Crantz) Berggr. = <i>Anastrophyllum minutum</i> (Schreb.) Schust.	Comb notchwort	G5	S1		
<i>Syzygiella nipponica</i> (S. Hatt.) K. Feldberg, Vána, Hentschel & Heinrichs	A liverwort	G3G4	SH		
<i>Tritomaria exsecta</i> (Schrader.) Loeske	Cut notchwort	G5	S1		
<i>Tritomaria exsectiformis</i> (Breidler) Loeske	Large cut notchwort	G5	SH		
<b>MOSSES</b>					
<i>Anomobryum julaceum</i> (Schrader. ex P. Gaertn., B. Mey. & Scherb.) Schimp.	Slender Silver moss	G5	S1		
<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	S1		
<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>Diphyscium mucronifolium</i> Mitten	Cumberland Grain o' Wheat Moss	G4	S1		
<i>Encalypta ciliata</i> Hedw.	Fringed Extinguisher 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		

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<b>NONVASCULAR PLANTS</b>					
<b>MOSSES</b>					
<i>Grimmia alpestris</i> (Web. & Mohr)	A moss	GNR	S1		
Schleich. ex Nees					
<i>Herpetineuron toccoeae</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	SH		
<i>Orthotrichum elegans</i> Schwagrichen ex Hooker & Greville	A moss	G5	S1		
<i>Orthotrichum keeverae</i> Crum & Anderson	Keever's Bristle-moss	G2	S1		
<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 appalachianum</i> (L. E. Anderson) G. L. Smith	Appalachian Haircap Moss	G3	S1		
<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	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		

# Rare Vascular Plants, Nonvascular Plants and Lichens of Virginia



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<b>NONVASCULAR PLANTS</b>					
<b>MOSSES</b>					
<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>Ulotia hutchinsiae</i> (Sm.) Hammar var. <i>rufescens</i> (Britt.) Dix.	A Moss	G5T3	SH		
<i>Zygodon viridissimus</i> (Dicks.) Brid. var. <i>rupestris</i> Lindb. ex Hartm.	A Moss	G5TNR	S1		

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<b>LICHENS</b>					
<i>Alectoria fallacina</i> Mot.	Witch's-hair lichen	G2	SH		
<i>Anzia colpodes</i> (Ach.) Stizenb.	Black foam lichen	G3G5	S1		
<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>Canoparmelia alabamensis</i> (Hale & McCull.) Elix	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	G3	S1		
<i>Heterodermia erecta</i> Lendemer	A fringe lichen	G2	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>Lasallia caroliniana</i> (Tuck.) Davydov, Peroh & Rambold	Carolina Rocktripe Lichen	G3G4	S1		
<i>Lecanora masana</i> Lendemer & R.C. Harris	A rim lichen	G3G4	S1		
<i>Melanelia culbersonii</i> (Hale) Thell	Appalachian camouflage lichen	G2G4	S2		
<i>Parmelia neodiscordans</i> Hale	A lichen	GNR	S1		
<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>Physconia subpallida</i> Essl.	Pale-Bellied Frost Lichen	G2	S1		
<i>Porpidia lowiana</i> Gowan	A boulder lichen	G4G5	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	A lichen	GNR	S1		
<i>Stereocaulon glaucescens</i> Tuck.	Bony foam lichen	G4G5	S2?		



# Rare Vascular Plants, Nonvascular Plants and Lichens of Virginia



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**LICHENS**

<i>Teloschistes flavicans</i> (Swartz) Norman	Powdered orange bush lichen	G4G5	SH		
<i>Umbilicaria americana</i> Poelt & T. Nash	Frosted Rocktripe Lichen	G5?	S1		
<i>Usnea angulata</i> Ach.	A beard lichen	G3G5	S1		

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<b>VASCULAR PLANTS</b>					
<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>Agalinis decemloba</i> (Greene) Pennell	Blue Ridge false foxglove	G3G4	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 campbellii</i> U.B. Deshmuke, M.B. Shende, & E.S. Reddy	Deceptive Bluestem	G4	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) Under <i>A. virginicus</i> var. <i>decipiens</i> in C. Campbell					
<i>Andropogon perangustatus</i> Nash	Narrow-leaved Bluestem	G4	S3		
= <i>Andropogon gyrans</i> var. <i>stenophyllus</i> (Hack.) C. Campbell					
<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	G4	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>Asclepias purpurascens</i> L.	Purple Milkweed	G4G5	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.	Blue Wild Indigo	G5	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	G3	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	S3		

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<b>VASCULAR PLANTS</b>					
<i>Carex austrolucorum</i> (Rettig) D.B. Poind. & Naczi = <i>Carex lucorum</i> var. <i>austrolucorum</i> J. Rettig	Appalachian Woodland Sedge	G3G4	S3		
<i>Carex canescens</i> L. var. <i>disjuncta</i> Fern.	Silvery Sedge	G5T5	S3		
<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. = <i>Carex nigromarginata</i> var. <i>floridana</i> (Schwein.) Kükenth.	Florida Sedge	G5?	S3		
<i>Carex fraseriana</i> Ker-Gawl. = <i>Cymophyllus fraserianus</i> (Ker-Gawl.) Kartesz & Gandhi	Fraser's Sedge	G4	S3		
<i>Carex leptoneura</i> (Fern.) Fern.	Finely-nerved Sedge	G5	S3		
<i>Carex meadii</i> Dewey	Mead's Sedge	G5	S3		
<i>Carex pedunculata</i> Muhl. ex Willd. var. <i>pedunculata</i>	Long-stalk Sedge	GNR	S3		
<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 = <i>Carex walteriana</i> var. <i>brevis</i> (Bailey) Bailey	Walter's Sedge	G4T4	S3		
<i>Carex suberecta</i> (Olney) Britt.	Prairie Straw Sedge	G4	S3		
<i>Carex superata</i> Naczi, Reznicek, & B.A. Ford	Limestone Forest Sedge	G4?	S3		
<i>Carex tetanica</i> Schkuhr	Rigid Sedge	G4G5	S3		
<i>Carex trisperma</i> Dewey	Three-seed Sedge	G5	S3		
<i>Carex venusta</i> Dewey var. <i>venusta</i>	Dark Green Sedge	G4T4?	S3?		
<i>Castilleja coccinea</i> (L.) Spreng.	Eastern Indian Paintbrush	G5	S3		
<i>Cenchrus incertus</i> M.A. Curtis = <i>Cenchrus spinifex</i> Cav.	Coastal Sandbur	GNR	S3		
<i>Chaerophyllum procumbens</i> (L.) Crantz var. <i>shortii</i> Torr. & Gray	Short's Spreading Chervil	G5T3T4Q	S3?		
<i>Chamaecrista fasciculata</i> (Michx.) Greene var. <i>macrosperma</i> (Fern.) C. F. Reed	Marsh Patridge-pea	G5T2?	S3		
<i>Chamaecyparis thyoides</i> (L.) B.S.P.	Atlantic White-cedar	G4	S3		
<i>Chenopodium simplex</i> (Torrey) S. Fuentes, Uotila & Borsch = <i>Chenopodium gigantospermum</i> Aellen Under <i>C. hybridum</i> L. in Fernald (1950)	Maple-leaf Goosefoot	G5	S3		
<i>Chrysogonum virginianum</i> L. var. <i>brevistolon</i> Nesom	Carolina Green-and-gold	G5TNR	S3		

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<b>VASCULAR PLANTS</b>					
<i>Cinna latifolia</i> (Trev. ex Goepp.) Griseb.	Slender Wood Reedgrass	G5	S3		
<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>Cyperus squarrosus</i> L.	Awned Cyperus	G5	S3S4		
<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-trefoil	G5	S3		
<i>Diarrhena americana</i> Beauv.	American Beakgrain	G4G5	S3		
<i>Dichanthelium annulum</i> (Ashe) R. J. LeBlond	Ringed panic grass	G3	S3		
<i>Dichanthelium portoricense</i> (Desv. ex Hamilton) B.F. Hansen & Wunderlin ssp. <i>patulum</i> (Scribn. & Merc.) Freckmann & Lelong	Hemlock Panic Grass	G5T5	S3		
<i>Dichanthelium ravenelii</i> (Scribn. & Merr.) Gould	Ravenel's Panic Grass	G5	S3		
<i>Dichanthelium scabriusculum</i> (Ell.) Gould & C.A. Clark	Tall Swamp Panic Grass	G4	S3		
<i>Dichanthelium wrightianum</i> (Scribn.) Freckmann	Wright's Panic Grass	G4	S3		
<i>Dicliptera brachiata</i> (Pursh) Spreng.	Branched Dicliptera	G5	S3		
<i>Diphylllea cymosa</i> Michx.	Umbrella-leaf	G4	S3		
<i>Diplachne maritima</i> Bickn. = <i>Leptochloa fascicularis</i> var. <i>maritima</i> (Bickn.) Gleason	Bearded Sprangletop	G3G4	S3		
<i>Drosera brevifolia</i> Pursh	Dwarf Sundew	G5	S3		

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<b>VASCULAR PLANTS</b>					
= <i>Drosera leucantha</i> Shinnery					
<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> (Fischer ex Kunze) Fernald					
<i>Echinodorus cordifolius</i> (L.) Griseb.	Creeping Burhead	G5	S3		
<i>Eleocharis albida</i> Torr.	White Spikerush	G4G5	S3		
<i>Eleocharis palustris</i> (L.) Roemer & J.A. Schultes	Common Spikerush	G5	S3?		
<i>Eleocharis rostellata</i> (Torr.) Torr.	Beaked Spikerush	G5	S3		
<i>Endotropis lanceolata</i> (Pursh) Hauenschild	Lance-leaf Buckthorn	G5	S3		
= <i>Rhamnus lanceolata</i> Pursh					
<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>Fallopia cilinodis</i> (Michx.) Holub	Fringed Bindweed	G5	S3		
<i>Floerkea proserpinacoides</i> Willd.	False Mermaid	G5	S3		
<i>Frangula caroliniana</i> (Walt.) Gray	Carolina Buckthorn	G5	S3		
<i>Fraxinus nigra</i> Marsh.	Black Ash	G5	S3		
<i>Fraxinus quadrangulata</i> Michx.	Blue Ash	G4	S3		
<i>Galium bermudense</i> Linnaeus	Coastal Bedstraw	G5	S3		
= <i>Galium hispidulum</i> Michx.					
<i>Galium boreale</i> L.	Northern 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 Beard Grass	G5	S3		
<i>Helianthus hirsutus</i> Raf.	Hairy Sunflower	G5	S3		
<i>Heuchera hispida</i> Pursh	Purple Alumroot	G5T3Q	S3?		
<i>Heuchera parviflora</i> Bartl. var. <i>parviflora</i>	Small-flowered Alumroot	G4T4	S3		
<i>Hexalectris spicata</i> (Walt.) Barnh.	Crested Coralroot	G5	S3		
<i>Hexastylis lewisii</i> (Fern.) Blomquist & Oosting	Lewis's Heartleaf	G3	S3		
<i>Hottonia inflata</i> Ell.	Featherfoil	G4	S3		
<i>Hydrastis canadensis</i> L.	Golden-seal	G3G4	S3		

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<b>VASCULAR PLANTS</b>					
<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	G4	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	Ovate Water-willow	G5	S3		
<i>Lechea maritima</i> Leggett ex B.S.P. var. <i>virginica</i> Hodgdon	Virginia Beach Pinweed	G4T2T3	S3		
<i>Leucospora multifida</i> (Michx.) Nutt.	Narrow-leaf paleseed	G5	S3		
<i>Liatris aspera</i> Michx.	Tall Gay-feather	G4G5	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	G4	S3		
<i>Lygodium palmatum</i> (Bernh.) Sw.	American Climbing Fern	G4	S3		
<i>Malaxis spicata</i> Sw. = <i>Malaxis floridana</i> (Chapm.) Kuntze	Florida Adder's-mouth	G4?	S3		
<i>Meehania cordata</i> (Nutt.) Britt.	Meehan's Mint	G5	S3		
<i>Micranthes caroliniana</i> (A. Gray) Small = <i>Saxifraga caroliniana</i> Gray	Carolina Saxifrage	G3	S3		
<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		

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<b>VASCULAR PLANTS</b>					
<i>Monotropis 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 antennariifolia</i> (Britt.) W.A. Weber & A. Love	Cat's-paw Ragwort	G4	S3		
<i>Packera paupercula</i> (Michx.) A. & D. Love var. <i>paupercula</i> = <i>Senecio pauperculus</i> Michx.	Balsam ragwort	G5TNR	S3?		
<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	G5T4	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	G4	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	G5	S3		
<i>Phacelia purshii</i> Buckl.	Miami-mist	G5	S3		
<i>Philadelphus hirsutus</i> Nutt.	Hairy Mock Orange	G5	S3		
<i>Phlox nivalis</i> Lodd. ex Sweet ssp. <i>henzii</i> (Nutt.) Wherry	Trailing Phlox	G4T4	S3		
<i>Phragmites americanus</i> (Saltonstall, P.M. Peterson, & Soreng) A. Haines = <i>Phragmites australis</i> (Cav.) Trin. ex Steud.	American Common Reed	G5T5	S3		
This is the native species of <i>Phragmites</i> in North America. Classified as a subspecies by Saltonstall, Peterson, and Soreng (2004).					
<i>Physalis walteri</i> Nutt.	Dune Ground-cherry	GNR	S3		
= <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.	Southern Rein-orchis	G5	S3		
= <i>Platanthera flava</i> var. <i>flava</i>					
<i>Platanthera herbiola</i> (R. Brown) Lindley	Tubercled Rein Orchid	G5T5	S3?		
= <i>Platanthera flava</i> var. <i>herbiola</i> (R. Br. ex Ait. f.) Luer					
<i>Pogonia ophioglossoides</i> (L.) Ker-Gawl.	Rose Pogonia	G5	S3		
<i>Polygala cruciata</i> L. var. <i>cruciata</i>	Crossleaf milkwort	G5T4T5	S3?		

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<b>VASCULAR PLANTS</b>					
<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	G5	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>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	G4	S3		
<i>Scirpus hattorianus</i> Makino	Northern Bulrush	G5	S3		
<i>Scirpus lineatus</i> Michx.	Drooping Bulrush	G4	S3		
= <i>Scirpus fontinalis</i> R.M. 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 fuscatum</i> Bickn.	Coastal Plain Blue-eyed-grass	G5?	S3		
<i>Solidago faucibus</i> Wieboldt	Gorge Goldenrod	G3G4	S3		
<i>Solidago flaccidifolia</i> Small	Mountain goldenrod	G5	S3?		



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<b>VASCULAR PLANTS</b>					
= <i>Solidago curtisii</i> var. <i>flaccidifolia</i> (Small) R.E. Cook & Semple					
<i>Solidago hispida</i> Muhl. ex Willd. var. <i>hispida</i>	Hairy goldenrod	G5T5	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	G5	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. var. <i>hyssopifolia</i>	Hyssop-leaf Hedge-nettle	G5T4T5	S3		
<i>Stachys latidens</i> Small ex Britt.	Broad-tooth Hedge-nettle	G4G5	S3		
<i>Stellaria corei</i> Shinners	Tennessee Starwort	G5?	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>Symphotrichum urophyllum</i> (Lindl.) Nesom	Arrow-leaved Aster	G5	S3		
<i>Taenidia montana</i> (Mackenzie) Cronq.	Mountain Pimpernel	G3	S3		
<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>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	Common Bladderwort	G5	S3		

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<b>VASCULAR PLANTS</b>					
= <i>Utricularia vulgaris</i> L.					
<i>Utricularia radiata</i> Small	Floating Bladderwort	G5	S3		
= <i>Utricularia inflata</i> var. <i>minor</i> Chapman					
<i>Verbesina virginica</i> L. var. <i>virginica</i>	White Crownbeard	G5?T5?	S3		
<i>Viola brittoniana</i> Pollard	Coast Violet	G3?	S3?		
<i>Viola edulis</i> Spach	Salad Violet	G4G5	S3		
= <i>Viola esculenta</i> Ell.					
<i>Viola pallens</i> (Banks ex Ging)	Smooth White Violet	G5T5	S3		
Brainerd					
<i>Viola septentrionalis</i> Greene	Northern Blue Violet	G5	S3		
<i>Vittaria appalachiana</i> Farrar & Mickel	Appalachian Shoestring Fern	G4	S3		
<i>Wolffiella gladiata</i> (Hegelm.) Hegelm.	Sword Bogmat	G4G5	S3		
= <i>Wolffiella floridana</i> (J.D. Sm.) C.H. Thompson					
<i>Zanthoxylum americanum</i> P. Mill.	Toothache Tree	G5	S3		
<i>Zanthoxylum clava-herculis</i> L.	Hercules'-club	G4	S3		

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<i>Agrostis altissima</i> (Walt.) Tuckerman	Coastal Bog Bentgrass	G4	SU
<i>Allium burdickii</i> (Hanes) A.G. Jones	Narrow-leaved Ramps	G5T5	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	G5	SU
<i>Antennaria howellii</i> Greene ssp. <i>petaloidea</i> (Fern.) Bayer	Small Pussytoes	G5T4T5	SU
<i>Arisaema stewardsonii</i> Britt. = <i>Arisaema triphyllum</i> ssp. <i>stewardsonii</i> (Britt.) Huttleston	Bog Jack-in-the-pulpit	G5T5	SU
<i>Asarum canadense</i> L. var. <i>acuminatum</i> Ashe	Wild ginger	G5TNRQ	SU
<i>Asplenium quadrivalens</i> (D.E. Meyer) Landolt = <i>Asplenium trichomanes</i> ssp. <i>quadrivalens</i> D.E. Mey.	Limestone Maidenhair	G5T5	SU
<i>Boechera burkii</i> (Porter) Windham & Al-Shehbaz	Burk's Smooth Rock Cress	G3G5	SU
<i>Calystegia silvatica</i> (Kit.) Griseb. ssp. <i>fraterniflora</i> (Mackenzie & Bush) Brummitt = <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>Carex molesta</i> Mackenzie ex Bright	Troublesome Sedge	G5	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	GNA	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	G4	SU
<i>Desmodium paniculatum</i> (L.) DC. var. <i>epetiolatum</i> Schub.	Narrow-leaf Tick-trefoil	G5T1Q	SU
<i>Digitaria villosa</i> (Walt.) Pers. = <i>Digitaria filiformis</i> (L.) Koeler var. <i>villosa</i> (Walt.) Fern.	Shaggy Crabgrass	G5	SU
<i>Dinebra panicea</i> (Retz.) P.M. Peterson & N. Snow ssp. <i>brachiata</i> (Steud.) P.M. Peterson & N. Snow = <i>Leptochloa panicea</i> ssp. <i>brachiata</i> (Steudl.) N. Snow	Red Sprangletop	GNRT5	SU

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Scientific Name	Common Name	Global Rank	State Rank
<i>Eupatorium cordigerum</i> (Fern.) Fern. = <i>Eupatorium rotundifolium</i> var. <i>cordigerum</i> Fern.	Clasping Round-leaf Thoroughwort	G5TNR	SU
<i>Eupatorium vaseyi</i> Porter = <i>Eupatorium album</i> L. var. <i>monardifolia</i> Fern. = <i>Eupatorium sessilifolium</i> var. <i>vaseyi</i> (Porter) Fern. & Grisc.	Vasey's Thoroughwort	G5T3T5	SU
<i>Euphorbia pubentissima</i> Michx.	False Flowering Spurge	G5	SU
<i>Euphorbia spathulata</i> Lam. Included with <i>E. obtusata</i> Pursh in Harvill et al. (1992).	Woodland Spurge	G5	SU
<i>Euthamia hirtipes</i> (Fern.) Sieren = <i>Euthamia graminifolia</i> var. <i>hirtipes</i> (Fern.) C. & J. Taylor	Marsh Flat-top Goldenrod	G5TNR	SU
<i>Galium orizabense</i> Hemsl. ssp. <i>laevicaule</i> (Weatherby & Blake) Dempster = <i>Galium pilosum</i> Ait. var. <i>laevicaule</i> Weatherby & Blake	Bald Bedstraw	G5?T4?	SU
<i>Glandularia canadensis</i> (L.) Nutt. = <i>Verbena canadensis</i> (L.) Britt.	Rose Vervain	G5	SU
<i>Gratiola virginiana</i> L. var. <i>aestuariorum</i> Pennell	Roundfruit hedge-hyssop	G5T2T4	SU
<i>Hexastylis chueyi</i> (B.T. Sinn) Weakley & D.B. Poind.	Chueyi's heartleaf	G3G4	SU
<i>Isolepis carinata</i> Hook. & Arn. ex Torr. = <i>Isolepis koilolepis</i> Steudel = <i>Scirpus koilolepis</i> (Steud.) Gleason	Keeled Bulrush	G5	SU
<i>Lathyrus pusillus</i> Ell.	Tiny Pea	G5?	SU
<i>Lemna minuta</i> Kunth	Pale duckweed	G5	SU
<i>Liatris squarrulosa</i> Michx. = <i>Liatris earlei</i> (Greene) K. Schum.	Appalachian Blazing Star	G4G5	SU
<i>Lycopus angustifolius</i> Ell.	Narrow-leaf Bugleweed	G4?Q	SU
<i>Orobancha riparia</i> L.T. Collins	River Broomrape	G4?	SU
<i>Pycnanthemum beadleii</i> (Small) Fern.	Beadle's Mountain-mint	G3	SU
<i>Pycnanthemum loomisii</i> Nutt. = <i>Pycnanthemum incanum</i> var. <i>loomisii</i> (Nutt.) Fern. Under <i>P. incanum</i> (L.) Michx. in Radford et al. (1968)	Loomis' Mountain-mint	G4?	SU
<i>Rosa blanda</i> Ait.	Smooth rose	G5	SU
<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	G3	SU

## Vascular Plant Review List

The following taxa are ranked SU (Unrankable) indicating their taxonomy and/or distribution in Virginia are poorly understood. More data are needed to assess their status.



Scientific Name	Common Name	Global Rank	State Rank
<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

Scientific Name	Common Name	Global Rank	State Rank	Legal Status Federal	(Date listed) State
VASCULAR PLANTS					
<i>Aeschynomene virginica</i>	Sensitive Joint-vetch	G2	S2	LT (1992-05)	LT (2001-01)
<i>Amaranthus pumilus</i>	Sea-beach amaranth	G2	S1	LT (1993-04)	LT (2004-02)
<i>Betula lenta</i> var. <i>uber</i> = <i>Betula uber</i>	Virginia Roundleaf birch	G1Q	S1	LT (1994-11)	LE (2004-02)
<i>Boechera serotina</i> = <i>Arabis serotina</i>	Shale barren rock cress	G2	S2	LE (1989-07)	LT (2004-02)
<i>Boltonia montana</i>	Valley doll's-daisy	G2	S1		LE (2013-12)
<i>Cardamine micranthera</i>	Small-anthered Bittercress	G2	S2	LE (1989-09)	LE (2004-02)
<i>Carex juniperorum</i>	Juniper sedge	G3	S1		LE (2004-02)
<i>Clematis addisonii</i>	Addison's Leatherflower	G1G2	S1S2		LE (2020-08)
<i>Clematis viticaulis</i>	Millboro Leatherflower	G1	S1S2		LT (2013-12)
<i>Corallorhiza bentleyi</i>	Bentley's coralroot	G2	S2		LE (2004-02)
<i>Echinacea laevigata</i>	Smooth Coneflower	G2G3	S2	LT (2022-07)	LT (2004-02)
<i>Fimbristylis perpusilla</i>	Harper's fimbry	G2	S1		LE (2004-02)
<i>Harperella nodosa</i> = <i>Ptilimnium nodosum</i>	Harperella	G2	S1	LE (1988-09)	LE (2004-02)
<i>Helenium virginicum</i>	Virginia Sneezeweed	G3	S2	LT (1998-11)	LE (2004-02)
<i>Helonias bullata</i>	Swamp-pink	G3	S2S3	LT (1988-09)	LE (2004-02)
<i>Houstonia montana</i> = <i>Houstonia purpurea</i> var. <i>montana</i>	Roan mountain bluets	G5T2	S1	LE (1990-04)	LT (2020-08)
<i>Ilex collina</i>	Long-stalked Holly	G3	S1		LE (2004-02)
<i>Iliamna corei</i>	Peters Mountain mallow	G1	S1	LE (1986-05)	LE (2004-02)
<i>Isoetes virginica</i>	Virginia Quillwort	G1	S1		LE (2013-12)
<i>Isotria medeoloides</i>	Small Whorled Pogonia	G2G3	S2	LT (1994-10)	LE (2004-02)
<i>Juncus caesariensis</i>	New Jersey Rush	G2G3	S2		LT (2004-02)
<i>Ludwigia ravenii</i>	Raven's Seedbox	G1G2	S1		LE (2020-08)
<i>Nuphar sagittifolia</i>	Narrow-leaved Spatterdock	G5T2	S1		LT (2004-02)
<i>Panax quinquefolius</i>	Ginseng	G3G4	S3S4		LT (2004-01)
<i>Paxistima canbyi</i> = <i>Pachistima canbyi</i>	Canby's Mountain-lover	G2?	S2		LT (2020-08)
<i>Phemeranthus piedmontanus</i>	Piedmont fameflower	G1	S1		LE (2020-08)
<i>Phlox buckleyi</i>	Sword-leaf phlox	G2G3	S2		LT (2020-08)
<i>Platanthera leucophaea</i>	Prairie fringed orchid	G2G3	SH	LT (1989-09)	LT (2004-02)
<i>Pycnanthemum torreyi</i>	Torrey's Mountain-mint	G2	S2		LT (2020-08)
<i>Rhus michauxii</i>	Michaux's Sumac	G2G3	S1	LE (1989-09)	LT (2004-02)
<i>Rudbeckia heliopsidis</i>	Sun-facing Coneflower	G2	S1		LT (2020-08)
<i>Schwalbea americana</i>	Chaffseed	G2	SH	LE (1992-09)	
<i>Scirpus ancistrochaetus</i>	Northeastern Bulrush	G3	S2	LE (1991-05)	LE (2001-01)
<i>Scirpus flaccidifolius</i>	Reclining Bulrush	G2	S1S2		LT (2004-02)
<i>Spiraea virginiana</i>	Virginia Spiraea	G2?	S1	LT (1990-06)	LE (2001-01)

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

## **Appendix 2. Changes to Plant List Since Dec 2024**

Below are summaries of rank and taxonomic changes made to species on the tracking list, watchlist, and review list.

### **Additions to the rare plant and/or lichen lists**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Old Rank</b>	<b>New Rank</b>
<i>Zygodon viridissimus</i> var. <i>rupestris</i>	A Moss	NA	G5TNR/S1
<i>Athyrium angustum</i>	Northern Lady fern	NA	G5T5/S1
<i>Hypoxis wrightii</i>	Bristle-seed Yellow stargrass	NA	G4/SH
<i>Scleria flaccida</i>	Flaccid nutrush	NA	G4/SH
<i>Symphotrichum dumosum</i> var. <i>stictior</i>	Tradescant aster	NA	G5T4/S1

### **Rank changes to the rare plant and lichen lists**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Old Rank</b>	<b>New Rank</b>
<i>Heterodermia appalachensis</i>	Appalachian fringe lichen	G2?	G3
<i>Heterodermia erecta</i>	A fringe lichen	G1?	G2
<i>Physconia subpallida</i>	Pale-bellied Frost Lichen	GNR	G2
<i>Boltonia montana</i>	Valley doll's-daisy	G1G2	G2
<i>Buchnera americana</i>	American bluehearts	G5?	G4G5
<i>Calopogon pallidus</i>	Pale Grass-pink	G4G5	G4
<i>Carex lupuliformis</i>	False Hop Sedge	G4	G5
<i>Cypripedium candidum</i>	Small White Lady's-slipper	G4	G3G4
<i>Glyceria laxa</i>	Northern Mannagrass	G5	G4



<i>Litsea aestivalis</i>	Pondspice	G3?	G3
<i>Parnassia grandifolia</i>	Large-leaved grass-of-parnassus	G3	G3G4
<i>Plantago cordata</i>	King-root	G4	G3
<i>Solidago latissimifolia</i>	Elliott's goldenrod	G5	G4
<i>Solidago salicina</i>	Southern rough-leaved goldenrod	G5T4T5	G5T5
<i>Solidago uliginosa</i> var. <i>uliginosa</i>	Bog Goldenrod	G5T4T5	G5T5
<i>Stachys matthewsii</i>	Yadkin hedge-nettle	G1G2	G1?

### **Removals from the Tracked List**

Scientific Name	Common Name	Old Rank	New Rank	Action
<i>Utricularia olivacea</i>	Dwarf bladderwort	G4/SH	NA	Single specimen misidentified; not a part of VA flora

### **Removals from the Watchlist**

Scientific Name	Common Name	Old Rank	New Rank	Action

### **Removals from the Review list**

Scientific Name	Common Name	Old Rank	New Rank	Action

### **Taxonomic updates to the rare plant and lichen lists**

(*Old Name* -> **Updated Name**)

**Taxonomic updates to the watchlist**

(*Old Name* -> **Updated Name**)

**Taxonomic updates to the review list**



## Rare Species Sighting Form

Please print this form and mail it to: (or [click here](#) for a digital version)

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): \_\_\_\_\_

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

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

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**Owner:** \_\_\_\_\_

**Threats or evidence of Disturbance:** \_\_\_\_\_

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

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**Reported By:** \_\_\_\_\_

**Address:** \_\_\_\_\_

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**Phone:** \_\_\_\_\_

**E-Mail:** \_\_\_\_\_

**Date:** \_\_\_\_\_