

# NATURAL HERITAGE RESOURCES OF VIRGINIA: RARE PLANTS

APRIL 2004

VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION  
DIVISION OF NATURAL HERITAGE  
217 GOVERNOR STREET, THIRD FLOOR  
RICHMOND, VIRGINIA 23219  
(804) 786-7951

LIST COMPILED BY John F. Townsend  
BOTANIST

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

*This report should be cited as:* Townsend, John F. 2004.  
Natural Heritage Resources of Virginia: Rare Plants.  
Natural Heritage Technical Report 04-06. Virginia Department  
of Conservation and Recreation, Division of Natural Heritage,  
Richmond, Virginia. Unpublished report. April 2004.  
56 pages plus appendices.



## INTRODUCTION

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

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

The first list included in this report is the Virginia Rare Vascular Plant List. This list contains information on the legal and biological status of Virginia's rarest known native vascular plant taxa, 607 in all. Comprising about 22% of our native flora, this list includes all plants believed to be sufficiently rare or threatened to merit an inventory of their status and locations.

The second list included in this report is the Virginia Vascular Plant Watchlist. This list contains information on the legal and biological status of 414 additional taxa which are uncommon or of uncertain status in Virginia. More information is needed on these plants, which may or may not be of high conservation concern at this time. Plants on this list, which comprise an additional 16% of our native plants, are monitored to determine general population trends. If a species or variety on this list is found to be rare or threatened, it is placed on the Virginia Rare Vascular Plant List.

The third list included in this report is the Virginia Rare Non-Vascular Plant List. This list contains information on the legal and biological status of 32 taxa thought to be rare in the state of Virginia. The lichens, liverworts, and mosses listed herein represent an attempt at designating imperiled species within this often neglected group. The list is currently small compared to the vascular plant lists because the taxonomy and distributions of non-vascular plants are generally poorly known in Virginia at this time (with some exceptions). A large percentage of the listed species are mosses of the genus *Sphagnum*. These taxa are listed due to the field and herbarium work of Christopher A. Clappitt and Lewis E. Anderson, who resolved many of the taxonomic and distributional questions pertaining to *Sphagnum* in Virginia. Additional listings of non-vascular plants in future years are expected as our knowledge of this portion of the flora increases. Dean Walton, Field Ecologist with the Division of Natural Heritage, has been instrumental in urging this listing of imperiled taxa and has given freely of his expertise and interest in non-vascular plants, especially lichens.

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

If you have information which could refine this list, please contact DCR-DNH botanists.

All plants which are officially protected by federal or state endangered species acts are included in these lists. The Office of Plant Protection within the Virginia Department of Agriculture and Consumer Services (VDACS) has regulatory responsibility for the listing and protection of Virginia's endangered and threatened plants and insects under the Virginia Endangered Plant and Insect Act (Section 3.1 -1020 through 1030, *Code of Virginia*). The Act provides for the official listing and recovery of endangered and threatened plant and insect species in Virginia. The Act also establishes a permit system for collection of listed species. As of February 2004, there are 24 state-listed plant species. A memorandum of agreement between DCR-DNH and VDACS facilitates data transfer between agencies and allows for DCR-DNH to nominate species for listing by VDACS.

Federally listed species are protected by the Endangered Species Act of 1973, as amended. The U.S. Department of the Interior's Fish and Wildlife Service administers the Act, listing and protecting federally endangered and threatened species. As of April 2004, there are 16 plant species federally listed as endangered or threatened which occur or formerly occurred in Virginia.

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

## LIST FORMAT

The rare plant list and the watchlist are ordered alphabetically by scientific name. Each list has an identical format which presents six fields: scientific name, common name, global rank, state rank, federal status, and state status. To aid in the interpretation of the list, a brief explanation of each field follows:

### Column 1. Scientific name:

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

Nomenclature for lichens follows Esslinger, T.L. 1997. A cumulative checklist for the lichen-forming, lichenicolous, and allied fungi of the continental United States and Canada. North Dakota State University: <http://www.ndsu.nodak.edu/instruct/esslinge/chcklst/chcklst7.htm> (First Posted 1 December 1997, Most Recent Update 27 August 2001), Fargo, North Dakota.

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

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

**Column 2. Common name:**

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

**Column 3. Global rank:**

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

G1 = Extremely rare and critically imperiled with 5 or fewer occurrences or very few remaining individuals; or because of some factor(s) making it especially vulnerable to extinction.

G2 = Very rare and imperiled with 6 to 20 occurrences or few remaining individuals; or because of some factor(s) making it vulnerable to extinction.

G3 = Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range; or vulnerable to extinction because of other factors. Usually fewer than 100 occurrences are documented.

G4 = Common and apparently secure globally, though it may be rare in parts of its range, especially at the periphery.

G5 = Very common and demonstrably secure globally, though it may be rare in parts of its range, especially at the periphery.

GH = Formerly part of the world's biota with expectation that it may be rediscovered.

GX = Believed extinct throughout its range with virtually no likelihood of rediscovery.

GU = Possibly rare, but status uncertain and more data needed.

G? = Unranked, or, if following a ranking, rank uncertain (ex. G3?).

G\_Q = the taxon has a questionable taxonomic assignment, such as a G3Q.

G\_T\_ = signifies the rank of a subspecies or variety. For example, a G5T1 would apply to a subspecies of a species that is demonstrably secure globally (G5) but the subspecies warrants a rank of T1, critically imperiled.

**Column 4. State rank:**

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

S1 = Extremely rare and critically imperiled with 5 or fewer occurrences or very few remaining individuals in Virginia; or because of some factor(s) making it especially vulnerable to extirpation in Virginia.

S2 = Very rare and imperiled with 6 to 20 occurrences or few remaining individuals in Virginia; or because of some factor(s) making it vulnerable to extirpation in Virginia.

S3 = Rare to uncommon in Virginia with between 20 and 100 occurrences; may have fewer occurrences if found to be common or abundant at some of these locations; may be somewhat vulnerable to extirpation in Virginia.

S4 = Common and apparently secure with more than 100 occurrences; may have fewer occurrences with numerous large populations.

S5 = Very common and demonstrably secure in Virginia.

SH = Formerly part of the Virginia biota with expectation that it may be rediscovered.

SX = Believed extirpated from Virginia with virtually no likelihood of rediscovery.

SE = Exotic; not believed to be a native component of Virginia's flora.

SR = Reported for Virginia, but without persuasive documentation which would provide a basis for either accepting or rejecting the report.

SRF = Reported for Virginia, but with convincing evidence that the report was in error.

SU = Possibly rare, but status uncertain and more data needed.

S\_? = Rank uncertain, for example a S2? denotes a species or variety which may range from S1 to S3, another example is SE?, meaning a taxon may or may not be native to Virginia.

**Column 5. Federal Status:**

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

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

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

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

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

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

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

**Column 6. State Status:**

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

LE = Listed Endangered

LT = Listed Threatened

PE = Proposed Endangered

PT = Proposed Threatened

C = Candidate for listing as threatened or endangered.

**ACKNOWLEDGEMENTS**

If not for the hard work of many biologists, these plant lists could not accurately reflect our current understanding of the Virginia flora. On the staff of the Division of Natural Heritage, a dedicated staff of botanists and ecologists, including Allen Belden, Phil Coulling, Gary Fleming, Chris Ludwig, Kathleen McCoy, Shelly Parrish, Karen Patterson, Gina Pisoni, Nancy Van Alstine, and Dean Walton, have provided many comments to refine the content of the lists. Dean Walton has a keen interest in and understanding of non-vascular plants and their rarity in the state of Virginia and elsewhere, and has been instrumental in the listing of non-vascular plants herein. In addition to Heritage staff, the

work of the Virginia Atlas Committee allows us a much greater understanding of the status of our botanical heritage. Our thanks go out to Alton Harvill, Ted Bradley, Doug Coleman, Gary Fleming, Doug Ogle, Gwynn Ramsey, Johnny Townsend, Donna Ware, Tom Weiboldt, and Robert Wright.

Recent regional floristic work by Alan Weakley has also been of great assistance, particularly regarding recent taxonomic and nomenclatural changes.

Other individuals who have contributed include Rodney Bartgis, Byron Carnean, Chris Clampitt, Jane Collins, Virginia Crouch, Steve Croy, Allison Cusick, Cris Fleming, Cecil Frost, Brian Van Eerden, Mary Geil, P.J. Harmon, Jessie Harris, Elaine Haug, John Hayden, Mike Hayslett, Frank Hirst, Hal Horwitz, Fred Huber, Miles Johnson, Larry Klotz, John Knox, Mike Lane, Chris Lea, Richard LeBlond, Mike Lipford, Greg Lipscomb, Marion Blois Lobstein, Bill McAvoy, Bob McCartney, Robert McComb, Kent Minichiello, Marcia Minichiello, Bill Moorhead, Larry Morse, Lytton Musselman, Alan Neumann, Jesse Overcash, Jim Perry, Tom Rawinski, Garrie Rouse, Ernie Schuyler, Cindy Schulz, Perry Scott, Phil Sheridan, Rob Simpson, Bruce Sorrie, Nicky Staunton, Mark Strong, John Tate, Barry Truitt, Leonard J. Uttal, Dick Weigand, Troy Weldy, Chuck Williams, and Joan Wright.

## GENERA INDEX

**If you can't find:**

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

**Look under:**

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

*Hypericum*  
*Isopyrum*  
*Jussiaea*  
*Leptoloma*  
*Lipocarpha*  
*Lippia*  
*Lophotocarpus*  
*Lycopodiella*  
*Lycopodium*  
*Lycopodium*  
*Lycopodium*  
*Manisuris*  
*Nemopanthus*  
*Panicum*  
*Panicum*  
*Panicum*  
*Peplis*  
*Potentilla*  
*Psilocarya*  
*Psoralea*  
*Psoralea*  
*Psoralea*  
*Pyrola*  
*Satureja*  
*Schoenoplectus*  
*Schrankia*  
*Scirpus*  
*Scirpus*  
*Senecio*  
*Seymeria*  
*Smilacina*  
*Solidago*  
*Solidago*  
*Sphaeralcea*  
*Tomanthera*  
*Tradescantia*  
*Triodia*  
*Uniola*  
*Verbena*  
*Xanthoxylum*

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

*PART ONE:*

*VIRGINIA RARE VASCULAR PLANT LIST*



Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Abies balsamea</i> (L.) P. Mill	Balsam fir	G5	S1		
<i>Abies fraseri</i> (Pursh) Poir.	Fraser fir	G2	S1		
<i>Adiantum capillus-veneris</i> L.	Southern maidenhair-fern	G5	SH		
<i>Aeschynomene virginica</i> (L.) B.S.P.	Sensitive joint-vetch	G2	S2	LT	LT
<i>Agalinis auriculata</i> (Michx.) Blake syn: <i>Gerardia fasciculata</i> Michx.. syn: <i>Tomanthera auriculata</i> (Michx.) Raf.	Earleaf foxglove	G3	S1		
<i>Agalinis paupercula</i> (Gray) Britt. syn: <i>Gerardia paupercula</i> (Gray) Britt.	Small-flower false-foxglove	G5	S1		
<i>Aletris aurea</i> Walt.	Golden colicroot	G5	S1		
<i>Alnus incana</i> (L.) Moench ssp. <i>rugosa</i> (Du Roi) Clausen syn: <i>A. rugosa</i> (Du Roi) Spreng.	Speckled alder	G5T5	S2		
<i>Amaranthus pumilus</i> Raf.	Seabeach amaranth	G2	S1	LT	LT
<i>Amelanchier nantucketensis</i> Bickn.	Nantucket shadbush	G3Q	S1		
<i>Amphicarpum purshii</i> Kunth	Blue maiden-cane	G4	S1		
<i>Anagallis minima</i> (L.) Krause syn: <i>Centunculus minimus</i> L.	Chaffweed	G5	SH		
<i>Anaphalis margaritacea</i> (L.) Benth. & Hook. f.	Pearly everlasting	G5	S1		
<i>Andropogon mohrii</i> (Hack.) Hack. ex Vasey	Mohr bluestem	G4?	SH		
<i>Anemone berlandieri</i> Pritz.	Eastern prairie anemone	G4?	S1		
<i>Anemone canadensis</i> L.	Canada anemone	G5	S1		
<i>Arabis glabra</i> (L.) Bernh. var. <i>glabra</i> All Virginia <i>A. glabra</i> is var. <i>glabra</i>	Tower-mustard	G5T5	S1		
<i>Arabis hirsuta</i> (L.) Scop. var. <i>adpressipilis</i> (M. Hopkins) Rollins All Virginia <i>A. hirsuta</i> is var. <i>adpressipilis</i>	Hairy rockcress	G5T4Q	S1S2		
<i>Arabis patens</i> Sullivant	Spreading rockcress	G3	S2		
<i>Arabis serotina</i> Steele	Shale-barren rockcress	G2	S2	LE	LT
<i>Arabis shortii</i> (Fern.) Gleason syn: <i>A. perstellata</i> E.L. Braun var. <i>shortii</i> Fern.	Short's rockcress	G5	S2		
<i>Aralia hispida</i> Vent.	Bristly sarsaparilla	G5	S2		
<i>Arctostaphylos uva-ursi</i> (L.) Spreng.	Bearberry	G5	S1		
<i>Arenaria lanuginosa</i> (Michx.) Rohrb. ssp. <i>lanuginosa</i> All Virginia <i>A. lanuginosa</i> is var. <i>lanuginosa</i>	A sandwort	G5T?	SH		
<i>Arethusa bulbosa</i> L.	Dragon's mouth	G4	S1		
<i>Arnoglossum muehlenbergii</i> (Schultz-Bip.) H.E. Robins. syn: <i>Cacalia muhlenbergii</i> (Schultz-Bip.) Fern.	Great Indian-plantain	G4	S2		
<i>Asclepias longifolia</i> Michx.	Long-leaf milkweed	G4G5	S1		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Asclepias purpurascens</i> L.	Purple milkweed	G4G5	S2		
<i>Asclepias rubra</i> L.	Red milkweed	G4G5	S2		
<i>Asclepias tuberosa</i> L. ssp. <i>rolfsii</i> (Britt. ex Vail) Woods.	Sandhills butterflyweed	G5?T?	S1		
<i>Asplenium bradleyi</i> D.C. Eaton	Bradley's spleenwort	G4	S2		
<i>Astragalus distortus</i> Torr. & Gray var. <i>distortus</i> All Virginia <i>A. distortus</i> is var. <i>distortus</i>	Bent milkvetch	G5T?	S1		
<i>Astragalus neglectus</i> (Torr. & Gray) Sheldon	Cooper's milkvetch	G4	S2		
<i>Bacopa caroliniana</i> (Walt.) B.L. Robins.	Carolina water-hyssop	G4G5	SH		
<i>Bacopa innominata</i> (G.Maza) Alain Virginia material formerly named <i>B. stragula</i> Fern.	Tropical water-hyssop	G3G5	S2		
<i>Bacopa rotundifolia</i> (Michx.) Wettst.	Roundleaf water-hyssop	G5	S1		
Virginia material formerly named <i>B. simulans</i> Fern.					
<i>Baptisia albescens</i> Small	Narrowpod white wild-indigo	G4	S1		
Given as <i>B. alba</i> (L.) R. Brown in Fernald (1950) and Harvill et al. (1992)					
<i>Baptisia cinerea</i> (Raf.) Fern. & Schub.	Hairy wild-indigo	G3G4	SH		
<i>Bartonia verna</i> (Michx.) Raf. ex Bart.	Spring bartonia	G5?	S1		
<i>Betula cordifolia</i> Regel syn: <i>B. papyrifera</i> Marsh. var. <i>cordifolia</i> (Regel) Fern. All Virginia <i>B. papyrifera</i> is var. <i>cordifolia</i>	Mountain paper birch	G5	S2		
<i>Betula populifolia</i> Marsh.	Gray birch	G5	S1		
<i>Betula uber</i> (Ashe) Fern.	Virginia round-leaf birch	G1Q	S1	LT	LE
<i>Botrychium jenmanii</i> Underwood syn: <i>B. alabamense</i> Maxon	Alabama grape-fern	G3G4	SH		
<i>Botrychium lanceolatum</i> (Gmel.) Angstr. var. <i>angustisegmentum</i> Pease & Moore All Virginia <i>B. lanceolatum</i> is var. <i>angustisegmentum</i>	Lance-leaved grape-fern	G5T4	S1		
<i>Botrychium multifidum</i> (Gmel.) Trev.	Leathery grape-fern	G5	S1		
<i>Botrychium oneidense</i> (Gilbert) House	Blunt-lobe grape fern	G4Q	S2		
<i>Botrychium simplex</i> E. Hitchc.	Least grape-fern	G5	S1		
<i>Bromus ciliatus</i> L.	Fringed brome grass	G5	S1		
<i>Bromus kalmii</i> Gray	Wild chess	G5	S1		
<i>Buchnera americana</i> L.	Blue-hearts	G5?	S1S2		
<i>Buckleya distichophylla</i> (Nutt.) Torr.	Piratebush	G2	S2		
<i>Burmannia biflora</i> L.	Northern burmannia	G4G5	SH		
<i>Cabomba caroliniana</i> Gray	Carolina fanwort	G3G5	S1		
<i>Calamovilfa brevipilis</i> (Torr.) Scribn.	Pine barrens reedgrass	G4	S1		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
var. <i>calvipes</i> Fern. not recognized					
<i>Calopogon pallidus</i> Chapman	Pale grass-pink	G4G5	S1		
<i>Calopogon tuberosus</i> (L.) B.S.P. var. <i>tuberosus</i> All Virginia <i>C. tuberosus</i> is var. <i>tuberosus</i>	Tuberous grass-pink	G5T5	S2		
<i>Calycanthus floridus</i> L. var. <i>floridus</i>	Sweet-shrub	G5T4	S2?		
<i>Calycanthus floridus</i> L. var. <i>glaucus</i> (Willd.) Torr. & Gray	Smooth sweet-shrub	G5T5	S1?		
<i>Camassia scilloides</i> (Raf.) Cory	Wild hyacinth	G4G5	S2		
<i>Campanula rotundifolia</i> L.	American harebell	G5	S1		
<i>Cardamine clematitidis</i> Shuttlw. ex Gray	Mountain bittercress	G2G3	S1S2		
<i>Cardamine dissecta</i> (Leavenworth) Al-Shehbaz syn: <i>Dentaria multifida</i> Muhl. ex. Ell.	Divided-leaved toothwort	G4?	S1		
<i>Cardamine flagellifera</i> O.E. Schulz	A bittercress	G3	S1		
<i>Cardamine micranthera</i> Rollins	Small-anthered bittercress	G1	S1	LE	LE
<i>Cardamine pratensis</i> L.	Cuckooflower	G5	S1		
Only native Virginia populations are monitored					
<i>Carex aestivaliformis</i> Mackenz. syn: <i>Carex x aestivaliformis</i> Mackenz.	A sedge	HYB	S1		
<i>Carex aquatilis</i> Wahlenb syn: <i>C. aquatilis</i> var. <i>altior</i> (Rydberg) Fernald	Aquatic sedge	G5	S1		
<i>Carex arctata</i> Boott ex Hook.	Black sedge	G5?	S1		
<i>Carex atherodes</i> Spreng.	Awned sedge	G5	S1		
<i>Carex barrattii</i> Schwein. & Torr.	Barratt's sedge	G4	S2		
<i>Carex buxbaumii</i> Wahlenb.	Buxbaum's sedge	G5	S2		
<i>Carex conoidea</i> Schkuhr ex Willd.	Field sedge	G5	S1S2		
<i>Carex crawei</i> Dewey	Craw's sedge	G5	S2		
<i>Carex cristatella</i> Britt.	Crested sedge	G5	S2		
<i>Carex crus-corvi</i> Shuttlw. ex Kunze	Ravenfoot sedge	G5	S1S2		
<i>Carex decomposita</i> Muhl.	Cypress-knee sedge	G3	S2		
<i>Carex flava</i> L.	Green sedge	G5	S1		
<i>Carex interior</i> Bailey	Inland sedge	G5	S1		
<i>Carex juniperorum</i> Catling, Reznicek, & Crins	Juniper sedge	G2	S1		LE
<i>Carex lacustris</i> Willd.	Lake-bank sedge	G5	S1		
<i>Carex lasiocarpa</i> Ehrh var. <i>americana</i> Fern. Does not include <i>C. lanuginosa</i> Michx.	Slender sedge	G5T5	S1		
<i>Carex lupuliformis</i> Sartwell ex Dewey Under <i>C. lupulina</i> Willd. in Harvill et al. (1992)	False hop sedge	G4	S2		
<i>Carex manhartii</i> Bryson	Manhart's sedge	G3	S1		
<i>Carex oklahomensis</i> Mackenzie	Sooner sedge	G4	S1		
<i>Carex ormostachya</i> Wieg.	Necklace spike sedge	G4	SH		
<i>Carex pallescens</i> L.	Pale sedge	G5	S1		
<i>Carex polymorpha</i> Muhl.	Variable sedge	G3	S2		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Carex prairea</i> Dewey ex Wood	Prairie sedge	G5?	S1		
<i>Carex purpurifera</i> Mackenzie	Purple sedge	G4?	S2S3		
<i>Carex reniformis</i> (Bailey) Small	Reniform sedge	G4?	SH		
<i>Carex roanensis</i> F.J. Herm	Roan Mountain sedge	G2	S2		
<i>Carex schweinitzii</i> Dewey ex Schwein.	Schweinitz's sedge	G3	S1		
<i>Carex silicea</i> Olney	Sea-beach sedge	G5	S1		
<i>Carex</i> sp. 2	A sedge	G?	S1		
Mountain species in Section <i>Acrocystis</i> ( <i>Montanae</i> )					
<i>Carex sterilis</i> Willd.	Sterile sedge	G4	S1		
<i>Carex straminea</i> Willd. ex Schkuhr	Straw sedge	G5	S1		
Does not include <i>C. hormathodes</i> Fern.					
<i>Carex tenera</i> Dewey	Slender sedge	G5	S1?		
<i>Carex utriculata</i> Boott	Beaked sedge	G5	S1		
Given as <i>C. rostrata</i> Stokes in Fernald (1950) and Harvill et al. (1992)					
<i>Carex vesicaria</i> L.	Inflated sedge	G5	S1S2		
<i>Carex vestita</i> Willd.	Velvety sedge	G5	S2		
<i>Carphephorus bellidifolius</i> (Michx.) Torr. & Gray	Sandy-woods chaffhead	G4	S1		
<i>Carphephorus tomentosus</i> (Michx.) Torr. & Gray	Woolly chaffhead	G4	S1		
<i>Carya carolinae-septentrionalis</i> (Ashe) Engl. & Graebn.	Southern shagbark hickory	G5?	S1		
<i>Cerastium arvense</i> L. ssp. <i>velutinum</i> (Raf.) Ugborogho	A field chickweed	G5T4?	S2?		
<i>Chamaesyce bombensis</i> (Jacq.) Dugand	Southern beach spurge	G4G5	S2		
syn: <i>Euphorbia ammanioides</i> Kunth					
<i>Cheilanthes alabamensis</i> (Buckl.) Kunze	Alabama lipfern	G4G5	S1		
<i>Cheilanthes eatonii</i> Baker	Chestnut lipfern	G5?	S2		
syn: <i>C. castanea</i> Maxon					
<i>Cheilanthes feei</i> T. Moore	Fee's lipfern	G5	S1		
<i>Chelone cuthbertii</i> Small	Cuthbert turtlehead	G3	S2		
<i>Chelone obliqua</i> L.	Red turtlehead	G4	S1		
<i>Chrysopsis gossypina</i> (Michx.) Ell.	Cottony golden-aster	G5	S1		
syn: <i>Heterotheca gossypina</i> (Michx.) Shinnery					
<i>Cicuta bulbifera</i> L.	Bulb-bearing water-hemlock	G5	SH		
<i>Cimicifuga rubifolia</i> Kearney	Appalachian bugbane	G3	S2		
<i>Cirsium altissimum</i> (L.) Hill	Tall thistle	G5	SH		
syn: <i>Carduus altissimus</i> L.					
<i>Cirsium carolinianum</i> (Walt.) Fern. & Schub.	Carolina thistle	G5	S1		
syn: <i>Carduus carolinianus</i> Walt.					
<i>Cirsium nuttallii</i> DC.	Nuttall's thistle	G5	SH		
syn: <i>Carduus nuttallii</i> (DC.) Pollard					
<i>Cirsium repandum</i> Michx.	Coastal-plain thistle	G5	SH		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
syn: <i>Carduus repandus</i> (Michx.) Pers. <b><i>Cirsium virginianum</i> (L.) Michx.</b> syn: <i>Carduus virginianus</i> L.	Virginia thistle	G3	S2		
<b><i>Cladium jamaicense</i> Crantz</b>  syn: <i>C. mariscus</i> (L.) Pohl ssp. <i>jamaicense</i> (Crantz) Kukenth	Sawgrass	G5T5	S2		
<b><i>Cleistes bifaria</i> (Fern.) Catling &amp; Gregg</b>	Small spreading pogonia	G3G4	S1		
<b><i>Cleistes divaricata</i> (L.) Ames</b>	Spreading pogonia	G4	S1		
<b><i>Clematis addisonii</i> Britt.</b>	Addison's leatherflower	G2	S2		
<b><i>Clematis catesbyana</i> Pursh</b> Under <i>C. virginiana</i> L. in Radford et al. (1968)	Satin-curly	G4G5	S1		
<b><i>Clematis glaucophylla</i> Small</b>	White-leaved leatherflower	G4?	SH		
<b><i>Clematis occidentalis</i> (Hornem.) DC. var. <i>occidentalis</i></b> syn: <i>C. verticillatus</i> DC. All Virginia <i>C. occidentalis</i> is var. <i>occidentalis</i>	Purple clematis	G5T5	S2		
<b><i>Clematis viticaulis</i> Steele</b>	Millboro leatherflower	G2	S2		
<b><i>Clinopodium glabellum</i> (Michx.) Kuntze</b> syn: <i>Calamintha glabella</i> (Michx.) Benth. syn: <i>Satureja glabella</i> (Michx.) Briq.	Savory	G3Q	SH		
<b><i>Cocculus carolinus</i> (L.) A. DC.</b>  Only native Virginia populations are monitored	Red-berried moonseed	G5	S1		
<b><i>Coelorachis rugosa</i> (Nutt.) Nash</b> syn: <i>Manisuris rugosa</i> (Nutt.) Kuntze	Wrinkled jointgrass	G5	S1		
<b><i>Collinsia verna</i> Nutt.</b>	Eastern blue-eyed Mary	G5	S2		
<b><i>Collinsonia verticillata</i> Baldw.</b>	Whorled horse-balm	G3	S1		
<b><i>Conioselinum chinense</i> (L.) B.S.P.</b>	Hemlock parsley	G5	S1		
<b><i>Corallorrhiza bentleyi</i> Freudenstein</b>	Bentley's coralroot	G1?	S1		LE
<b><i>Corallorrhiza maculata</i> (Raf.) Raf. var. <i>occidentalis</i> (Lindl.) Cockerell</b>	Western spotted coralroot	G5T?	S1		
<b><i>Coreopsis falcata</i> Boynton</b>	Pool coreopsis	G4G5	S1		
<b><i>Coreopsis linifolia</i> Nutt</b> syn: <i>C. oniscicarpa</i> Fern.	Atlantic tickseed	G4Q	S1		
<b><i>Cornus canadensis</i> L.</b>	Bunchberry	G5	S1		
<b><i>Cornus rugosa</i> Lam.</b>	Roundleaf dogwood	G5	S1		
<b><i>Cornus sericea</i> L. ssp. <i>sericea</i></b>  syn: <i>C. stolonifera</i> Michx., all Virginia <i>C. sericea</i> L. is ssp. <i>sericea</i>	Red-osier dogwood	G5T5	S1		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Crataegus aestivalis</i> (Walt.) Torr. & Gray	May hawthorn	G5	S1		
<i>Crataegus calpodendron</i> (Ehrh.) Medik.	Pear hawthorn	G5	S1		
<i>Crataegus mollis</i> Scheele	A hawthorn	G5	S1		
<i>Crataegus pruinosa</i> (Wendl. f.) K. Koch	A hawthorn	G5	S2		
Under <i>C. flabellata</i> (Spach.) Kirchn. in Radford et al. (1968)					
<i>Crataegus spathulata</i> Michx.	A hawthorn	G5	S1		
<i>Crataegus succulenta</i> Schrad. ex Link	Fleshy hawthorn	G5	S1		
<i>Crotalaria purshii</i> DC.	A rattle-box	G5	S2		
<i>Crotalaria rotundifolia</i> Walt. ex J.F. Gmel. syn: <i>C. angulata</i> P. Mill.	Prostrate rattle-box	G5	SH		
<i>Ctenium aromaticum</i> (Walt.) Wood	Toothache grass	G5	S1		
<i>Cuscuta cephalanthi</i> Engelm.	Button-bush dodder	G5	S1?		
<i>Cuscuta coryli</i> Engelm.	Hazel dodder	G5	S2?		
<i>Cuscuta indecora</i> Choisy	Pretty dodder	G5	S2?		
<i>Cuscuta polygonorum</i> Engelm.	Smartweed dodder	G5	S2?		
<i>Cuscuta rostrata</i> Shuttlw. ex Engelm. & Gray	Beaked dodder	G4	S2		
<i>Cuthbertia graminea</i> Small  syn: <i>Tradescantia rosea</i> Vent. var. <i>graminea</i> (Small) E.S. Anderson & Woods syn: <i>Callisia graminea</i> (Small) G. Tucker	Grass-like rosellings	G5	S1		
<i>Cyperus acuminatus</i> Torr. & Hook. ex Torr.	Short-point flatsedge	G5	SH		
<i>Cyperus dentatus</i> Torr.	Toothed flatsedge	G4	S1		
<i>Cyperus diandrus</i> Torr.	Umbrella flatsedge	G5	S1		
<i>Cyperus engelmannii</i> Steud.  Under <i>C. odoratus</i> L. in Kartesz (1999) and Harvill et al. (1992)	Engelmann's flatsedge	G4Q	S1		
<i>Cyperus granitophilus</i> McVaugh	Granite-loving flatsedge	G3Q	S1		
<i>Cyperus houghtonii</i> Torr.	Houghton's flatsedge	G4?	SH		
<i>Cyperus plukenetii</i> Fern.	Plukenet's flatsedge	G5	S2		
<i>Cypripedium candidum</i> Muhl. ex Willd.	Small white lady's-slipper	G4	S1		
<i>Cypripedium kentuckiense</i> C.F. Reed	Kentucky lady's-slipper	G3	S1		
<i>Cypripedium reginae</i> Walt.	Showy lady's-slipper	G4	S1		
<i>Cystopteris fragilis</i> (L.) Bernh. Does not include <i>C. tenuis</i> (Michx.) Desv.	Fragile fern	G5	S1?		
<i>Cystopteris tennesseensis</i> Shaver	Tennessee bladderfern	G5	S1		
<i>Dalibarda repens</i> L.	Robin-runaway	G5	S1		
<i>Dasistoma macrophylla</i> (Nutt.) Raf. syn: <i>Seymeria macrophylla</i> (Nutt.) Raf.	Mullein foxglove	G4	S1		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Deschampsia caespitosa</i> (L.) Beauv. ssp. <i>glauca</i> (Hartman) Hartman All Virginia <i>D. caespitosa</i> is ssp. <i>glauca</i>	Tufted hairgrass	G5T5	S1		
<i>Desmodium canadense</i> (L.) DC.	Showy tick-trefoil	G5	S1		
<i>Desmodium cuspidatum</i> (Muhl. ex Willd.) DC. ex Loud. var. <i>cuspidatum</i> All Virginia <i>D. cuspidatum</i> is var. <i>cuspidatum</i>	Toothed tick-trefoil	G5T5?	S2		
<i>Desmodium ochroleucum</i> M.A. Curtis ex Canby	Creamflower tick-trefoil	G2G3	SH		
<i>Desmodium sessilifolium</i> (Torr.) Torr. & Gray	Sessile-leaf tick-trefoil	G5	S2		
<i>Desmodium strictum</i> (Pursh) DC.	Pineland tick-trefoil	G4	S2		
<i>Desmodium tenuifolium</i> Torr. & Gray	Slim-leaf tick-trefoil	G4	S1		
<i>Diamorpha smallii</i> Britt. ex Small syn: <i>Sedum smallii</i> (Britton ex Small) Ahles	Small's stonecrop	G4	S1		
<i>Diarrhena obovata</i> (Gleason) Brandenburg syn: <i>D. americana</i> Beauv. var. <i>obovata</i> Gleason	Western beakgrain	G4G5	S1		
<i>Dichantheium annulum</i> (Ashe) LeBlond syn: <i>Panicum annulum</i> Ashe	Ringed panic grass	G5T?	S1		
<i>Dichantheium caeruleum</i> (Hack. ex Hitchc.) Correll syn: <i>Panicum caeruleum</i> Hack ex A.S. Hitchc. Under <i>D. dichotomum</i> (L.) Gould in Harvill <i>et al.</i> (1992), Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999)	Blue witch grass	G5T?	S1		
<i>Dichantheium consanguineum</i> (Kunth) Gould & C.A. Clark syn: <i>Panicum consanguineum</i> Kunth	Blood panic grass	G5	S1?		
<i>Dichantheium ovale</i> (Ell.) Gould & C. A. Clark var. <i>ovale</i> syn: <i>Panicum ovale</i> Ell. var. <i>ovale</i>	Oval-fruited panic grass	G5T5	S1?		
<i>Dichantheium strigosum</i> (Muhl. ex Ell.) Freckmann var. <i>strigosum</i> syn: <i>Panicum strigosum</i> Muhl. ex Ell. var. <i>strigosum</i>	Rough-hair panic grass	G5T5	S1?		
<i>Didiplis diandra</i> (Nutt. ex DC.) Wood syn: <i>Peplis diandra</i> Nutt. ex DC.	Water-purslane	G5	S1		
<i>Digitaria cognata</i> (J.A. Schultes) Pilger syn: <i>Leptoloma cognata</i> (J.A. Schultes) Chase	Fall witch grass	G5	S2		
<i>Digitaria serotina</i> (Walt.) Michx.	Dwarf crabgrass	G5?	SH		
<i>Echinacea laevigata</i> (C.L. Boynt. & Beadle) Blake	Smooth coneflower	G2	S2	LE	LT
<i>Echinocystis lobata</i> (Michx.) Torr. & Gray	Wild mock-cucumber	G5	S1?		
<i>Echinodorus tenellus</i> (Mart.) Buch. syn: <i>Echinodorus parvulus</i> Engelm.	Dwarf burhead	G5?	S1		
<i>Elatine minima</i> (Nutt.) Fisch. & C.A. Mey.	Small waterwort	G5	S1		
<i>Eleocharis baldwinii</i> (Torr.) Chapman	Baldwin spikerush	G4G5	S1		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Eleocharis compressa</i> <b>Sullivant</b> Under <i>E. elliptica</i> Kunth in Harvill et al. (1992)	Flattened spikerush	G4	S2		
<i>Eleocharis equisetoides</i> (ELL.) Torr.	Horse-tail spikerush	G4	S1		
<i>Eleocharis halophila</i> (Fern. & Brack.) Fern. & Brack.	Salt-marsh spikerush	G4	S1		
<i>Eleocharis intermedia</i> J.A. Schultes	Matted spikerush	G5	S1		
<i>Eleocharis melanocarpa</i> Torr.	Black-fruited spikerush	G4	S2		
<i>Eleocharis radicans</i> (A. Dietr.) Kunth	Rooted spikerush	G5	SH		
<i>Eleocharis robbinsii</i> Oakes	Robbins spikerush	G4G5	S1		
<i>Eleocharis tricostata</i> Torr.	Three-angle spikerush	G4	S1		
<i>Eleocharis vivipara</i> Link	Viviparous spikerush	G5	S1		
<i>Elymus canadensis</i> L.	Nodding wild rye	G5	S2?		
<i>Elymus trachycaulus</i> (Link) Gould ex Shinnars ssp. <i>trachycaulus</i> syn: <i>Agropyron trachycaulum</i> (Link) Malte ex H.F. Lewis All Virginia <i>E. trachycaulus</i> is ssp. <i>trachycaulus</i>	Slender wheatgrass	G5T5	S2		
<i>Enemion biternatum</i> Raf. syn: <i>Isopyrum biternatum</i> (Raf.) Torr. & Gray	False rue-anemone	G5	S1		
<i>Epilobium leptophyllum</i> Raf.	Linear-leaved willow-herb	G5	S2		
<i>Equisetum fluviatile</i> L.	Water horsetail	G5	S1		
<i>Equisetum sylvaticum</i> L.	Woodland horsetail	G5	S1		
<i>Erigeron vernus</i> (L.) Torr. & Gray	White-top fleabane	G5	S2		
<i>Eriocaulon aquaticum</i> (Hill) Druce syn: <i>E. septangulare</i> Withering syn: <i>E. pellucidum</i> Michx.	Seven-angled pipewort	G5	S1		
<i>Eriocaulon decangulare</i> L.	Ten-angle pipewort	G5	S2		
<i>Eriocaulon parkeri</i> B.L. Robins.	Parker's pipewort	G3	S2		
<i>Eryngium integrifolium</i> Walt.	Savanna eryngo	G5	S1		
<i>Eryngium yuccifolium</i> Michx. var. <i>yuccifolium</i> All Virginia <i>E. yuccifolium</i> is var. <i>yuccifolium</i>	Rattlesnake-master	G5T?	S2		
<i>Erysimum capitatum</i> (Dougl. ex Hook.) Greene var. <i>capitatum</i> All Virginia <i>E. capitatum</i> is var. <i>capitatum</i>	Western wallflower	G5T5	S2		
<i>Erythronium albidum</i> Nutt.	White trout-lily	G5	S2		
<i>Eupatorium glaucescens</i> Ell. syn: <i>E. cuneifolium</i> Willd.	Wedge-leaf thoroughwort	G5	S1		
<i>Eupatorium incarnatum</i> Walt. syn: <i>Fleischmannia incarnata</i> (Walt.) King & H.E. Robins.	Pink thoroughwort	G5	S2		
<i>Eupatorium maculatum</i> L. var. <i>maculatum</i> syn: <i>Eupatoriadelphus maculatus</i> (L.) King & H.E. Robins. All Virginia <i>E. maculatum</i> is var. <i>maculatum</i>	Spotted joe-pye weed	G5T5	S2		
<i>Euphorbia purpurea</i> (Raf.) Fern.	Glade spurge	G3	S2		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Eurybia radula</i> (Ait.) Nesom syn: <i>Aster radula</i> Ait.	Rough-leaved aster	G5	S1		
<i>Eurybia surculosa</i> (Michx.) Nesom syn: <i>Aster surculosus</i> Michx.	Creeping aster	G4G5	S1		
<i>Filipendula rubra</i> (Hill) B.L. Robins.	Queen-of-the-prairie	G4G5	S2		
<i>Fimbristylis perpusilla</i> Harper ex Small & Britt.	Harper's fimbry	G2	S1		LE
<i>Fimbristylis puberula</i> (Michx.) Vahl var. <i>puberula</i> Under <i>F. spadicea</i> (L.) Vahl. in Radford et al. (1968) Under <i>F. caroliniana</i> (Lam.) Fern. in Fernald (1950) All Virginia <i>F. puberula</i> is var. <i>puberula</i>	Hairy fimbry	G5T?	S1		
<i>Fragaria vesca</i> L. ssp. <i>americana</i> (Porter) Staudt All native <i>F. vesca</i> is ssp. <i>americana</i>	Woodland strawberry	G5T?	S2?		
<i>Fuirena breviseta</i> (Coville) Coville Under <i>F. squarrosa</i> Michx. in Radford et al. (1968)	An umbrella sedge	G5	SH		
<i>Gaylussacia brachycera</i> (Michx.) Gray	Box huckleberry	G2G3	S2		
<i>Gentiana autumnalis</i> L.	Pine-barren gentian	G3	S1		
<i>Gentiana linearis</i> Froel.	Narrow-leaved gentian	G4G5	S1?		
<i>Gentianella quinquefolia</i> (L.) Small ssp. <i>occidentalis</i> (Gray) J. Gillett	Western stiff gentian	G5T?	S1?		
<i>Gentianopsis crinita</i> (Froel.) Ma syn: <i>Gentiana crinita</i> Froel.	Fringed gentian	G5	S1		
<i>Geranium robertianum</i> L.	Herb-robert	G5	S2		
<i>Geum aleppicum</i> Jacq.	Yellow avens	G5	SH		
<i>Geum laciniatum</i> var. <i>laciniatum</i>	Rough avens	G5T?	S1		
<i>Geum laciniatum</i> Murr. var. <i>trichocarpum</i> Fern.	Rough avens	G5T?	S2?		
<i>Glyceria grandis</i> S. Wats. var. <i>grandis</i> All Virginia <i>G. grandis</i> is var. <i>grandis</i>	American mannagrass	G5T?	S1		
<i>Glyceria laxa</i> (Scribn.) Scribn.	Northern mannagrass	G5	S1?		
<i>Gnaphalium macounii</i> Greene syn: <i>G. viscosum</i> Kunth	Winged cudweed	G5	S1		
<i>Gnaphalium uliginosum</i> L.	Low cudweed	G5	S1		
<i>Goodyera repens</i> (L.) R. Br. ex Ait. f. var. <i>ophioides</i> Fern. All Virginia <i>G. repens</i> is var. <i>ophioides</i>	Dwarf rattlesnake plantain	G5T?Q	S2?		
<i>Hasteola suaveolens</i> (L.) Pojark. syn: <i>Cacalia suaveolens</i> (L.) Pojark. syn: <i>Synosma suaveolens</i> Raf. ex Britt.	Sweet-scented Indian-plantain	G3G4	S2		
<i>Hedyotis nigricans</i> (Lam.) Fosberg syn: <i>Houstonia nigricans</i> (Lam.) Fern.	Barren bluets	G5	S1		
<i>Helenium brevifolium</i> (Nutt.) Wood	Shortleaf sneezeweed	G3G4	S2		
<i>Helenium virginicum</i> Blake	Virginia sneezeweed	G2	S2	LT	LE

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Helianthemum bicknellii</i> Fern.	Plains frostweed	G5	S1		
<i>Helianthemum propinquum</i> Bickn.	Low frostweed	G4	S1		
<i>Helianthus occidentalis</i> Riddell Virginia ssp. not yet determined	Western sunflower	G5	S1		
<i>Heliotropium curassavicum</i> L.	Seaside heliotrope	G5	S1		
<i>Helonias bullata</i> L.	Swamp-pink	G3	S2S3	LT	LE
<i>Hemicarpha micrantha</i> (Vahl) Pax syn: <i>Lipocarpha micrantha</i> (Vahl) G. Tucker	Dwarf bulrush	G4	S1		
<i>Heteranthera multiflora</i> (Griseb.) Horn	Multiflowered mud-plantain	G4	S1		
<i>Heuchera alba</i> Rydb.	White alumroot	G2Q	S2?		
<i>Hexastylis shuttleworthii</i> (Britten & Baker) Small var. <i>shuttleworthii</i> All Virginia <i>H. shuttleworthii</i> is var. <i>shuttleworthii</i>	Large-flowered heartleaf	G4T4	S2?		
<i>Hierochloa odorata</i> (L.) Beauv. ssp. <i>odorata</i>	Vanilla grass	G5	S1		
<i>Honkenya peploides</i> (L.) Ehrh. ssp. <i>robusta</i> (Fern.) Hulten syn: <i>Honkenya peploides</i> (L.) Ehrh. syn: <i>Arenaria peploides</i> L. var. <i>robusta</i> Fern.  All Virginia <i>H. peploides</i> is ssp. <i>robusta</i>	Sea-beach sandwort	G5T4	SH		
<i>Hordeum jubatum</i> L. Only native Virginia occurrences are monitored	Fox-tail barley	G5	S1		
<i>Houstonia canadensis</i> Willd. ex Roemer & J.A. Schultes syn: <i>Hedyotis canadensis</i> (Willd. ex Roemer & J.A. Schultes) Fosberg	Canada bluets	G4G5	S2		
<i>Huperzia appalachiana</i> Beitel & Mickel  Under <i>Lycopodium selago</i> L. in Harvill et al. (1992), Radford et al. (1968), and Fernald (1950)	Appalachian fir clubmoss	G4G5	S2		
<i>Huperzia porophila</i> (Lloyd & Underwood) Holub  syn: <i>Lycopodium porophilum</i> Lloyd & Underwood	Rock clubmoss	G4	S1		
<i>Hydrocotyle bonariensis</i> Comm. ex Lam.	Coastal water-pennywort	G5	S1?		
<i>Hypericum adpressum</i> Raf. ex W. Bart.	Creeping St. John's-wort	G2G3	S1		
<i>Hypericum boreale</i> (Britt.) Bickn.	Northern St. John's-wort	G5	S2		
<i>Hypericum denticulatum</i>  Does not include <i>H. virgatum</i> (= <i>H. denticulatum</i> var. <i>acutifolium</i> Ell.)	Coppery St. John's-wort	G5	SH		
<i>Hypericum ellipticum</i> Hook.	Pale St. John's-wort	G5	SH		
<i>Hypericum setosum</i> L.	A St. John's-wort	G4G5	S1S2		
<i>Hypoxis sessilis</i> L.	Glossy-seeded	G4	SH		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
	<b>stargrass</b>				
Includes <i>H. longii</i> Fern.					
<i>Ilex collina</i> Alexander	Long-stalked holly	G3	S2		LE
syn: <i>Nemopanthus collinus</i> (Alexander) R. Clark					
<i>Ilex coriacea</i> (Pursh) Chapman	Bay-gall holly	G5	S2		
<i>Iliamna corei</i> Sherff	Peter's Mountain-mallow	G1Q	S1	LE	LE
Under <i>I. rivularis</i> (Dougl. ex Hook.) Greene var. <i>rivularis</i> in Kartesz (1999)					
<i>Iliamna remota</i> Greene	Kankakee globe-mallow	G1Q	S1		
Under <i>I. rivularis</i> (Dougl. ex Hook.) Greene var. <i>rivularis</i> in Kartesz (1999)					
<i>Isoetes appalachiana</i> Brunton & Britton	Appalachian quillwort	G4	S2?		
<i>Isoetes hyemalis</i> Brunton	Winter quillwort	G2G3	S1?		
<i>Isoetes lacustris</i> L.	Lake quillwort	G5	S1?		
Given as <i>I. macrospora</i> Durieu in Harvill et al. (1992)					
<i>Isoetes melanopoda</i> Gay & Durieu ex Durieu	Blackfoot quillwort	G5	S1?		
<i>Isoetes piedmontana</i> (N.E. Pfeiffer) C.F. Reed	Piedmont quillwort	G3	S1?		
<i>Isoetes virginica</i> N.E. Pfeiffer	Virginia quillwort	G1	S1?		
<i>Isotria medeoloides</i> (Pursh) Raf.	Small whorled pogonia	G2	S2	LT	LE
<i>Iva imbricata</i> Walt.	Sea-coast marsh-elder	G5?	S1S2		
<i>Juncus abortivus</i> Chapman	Pine-barren rush	G4G5	S1		
<i>Juncus articulatus</i> L.	Jointed rush	G5	S1S2		
<i>Juncus balticus</i> Willd. var. <i>littoralis</i> Engelm.	Baltic rush	G5T5	S1		
All Virginia <i>J. balticus</i> is var. <i>littoralis</i>					
<i>Juncus brachycephalus</i> (Engelm.) Buch.	Small-headed rush	G5	S2		
<i>Juncus brevicaudatus</i> (Engelm.) Fern.	Narrow-panicked rush	G5	S2		
<i>Juncus caesariensis</i> Coville	New Jersey rush	G2	S2		LT
<i>Juncus elliotii</i> Chapman	Bog rush	G4G5	S1S2		
<i>Juncus megacephalus</i> M.A. Curtis	Big-headed rush	G4G5	S2		
<i>Juncus nodosus</i> L.	Knotted rush	G5	S1		
<i>Juncus pelocarpus</i> E. Mey.	Brown-fruited rush	G5	S1		
<i>Juncus torreyi</i> Coville	Torrey's rush	G5	S2		
<i>Juncus trifidus</i> L.	Highland rush	G5	S1		
<i>Juniperus communis</i> L. var. <i>depressa</i> Pursh	Ground juniper	G5T5	S1		
All Virginia <i>J. communis</i> is var. <i>depressa</i>					
<i>Kalmia angustifolia</i> L.	Sheep-laurel	G5	S2		
<i>Kalmia carolina</i> Small	Carolina sheep-laurel	G4	S2		
syn: <i>Kalmia anugustifolia</i> L. var. <i>caroliniana</i> (Small) Fernald					
<i>Lachnanthes caroliniana</i> (Lam.) Dandy	Redroot	G4	SH		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
syn: <i>L. caroliana</i> (Lam.) Dandy					
syn: <i>L. tinctoria</i> (G.F. Gmel.) Ell.					
<b><i>Lachnocaulon anceps</i> (Walt.) Morong</b>	<b>Bog-buttons</b>	<b>G5</b>	<b>S2</b>		
<b><i>Lathyrus palustris</i> L.</b>	<b>Vetchling</b>	<b>G5</b>	<b>S1</b>		
<b><i>Lechea intermedia</i> Leggett ex Britt. var. <i>intermedia</i></b>	<b>Narrowleaf pinweed</b>	<b>G5T?</b>	<b>S1?</b>		
All Virginia <i>L. intermedia</i> is var. <i>intermedia</i>					
<b><i>Leersia hexandra</i> Sw.</b>	<b>Club-head cutgrass</b>	<b>G5</b>	<b>SH</b>		
<b><i>Lemna trisulca</i> L.</b>	<b>Star duckweed</b>	<b>G5</b>	<b>S1</b>		
<b><i>Leucothoe fontanesiana</i> (Steud.) Sleumer</b>	<b>Highland dog-hobble</b>	<b>G5</b>	<b>S1S2</b>		
syn: <i>L. editorum</i> Fern. & Schub.					
syn: <i>L. axillaris</i> (Lam.) D. Don var. <i>editorum</i> (Fern. & Shub.) Ahles					
<b><i>Lilaeopsis carolinensis</i> Coult. &amp; Rose</b>	<b>Carolina lilaeopsis</b>	<b>G3G5</b>	<b>S1</b>		
syn: <i>L. attenuata</i> (Hook. & Arn.) Fern.					
<b><i>Lilium catesbaei</i> Walt.</b>	<b>Southern red lily</b>	<b>G4</b>	<b>S1</b>		
<b><i>Lilium grayi</i> S. Wats.</b>	<b>Gray's lily</b>	<b>G3</b>	<b>S2</b>		
Includes low-elevation (< 1200 m.) occurrences, which are likely intergrades between <i>L. grayi</i> and <i>L. canadense</i> (syn: <i>L. x pseudograyi</i> Grove)					
<b><i>Lilium pyrophilum</i> M.W. Skinner &amp; Sorrie</b>	<b>Sandhills lily</b>	<b>G2?Q</b>	<b>S1</b>		
<b><i>Limosella australis</i> R. Br.</b>	<b>Mudwort</b>	<b>G4G5</b>	<b>SH</b>		
syn: <i>L. subulata</i> Ives					
<b><i>Liparis loeselii</i> (L.) L.C. Rich.</b>	<b>Bog twayblade</b>	<b>G5</b>	<b>S2</b>		
<b><i>Lipocarpha maculata</i> (Michx.) Torr.</b>	<b>American lipocarpha</b>	<b>G5</b>	<b>S1</b>		
<b><i>Lithospermum caroliniense</i> (Walt. ex J.F. Gmel.) MacM.</b>	<b>Golden puccoon</b>	<b>G4G5</b>	<b>S1</b>		
<b><i>Litsea aestivalis</i> (L.) Fern.</b>	<b>Pondspice</b>	<b>G3</b>	<b>S1</b>		
<b><i>Lobelia elongata</i> Small</b>	<b>Elongated lobelia</b>	<b>G4G5</b>	<b>S1</b>		
<b><i>Lotus helleri</i> Britt.</b>	<b>Carolina prairie-trefoil</b>	<b>G3T3</b>	<b>S1</b>		
syn: <i>L. purshianus</i> F.E. & E.G. Clements var. <i>helleri</i> (Britton) Isely					
syn: <i>L. unifoliatum</i> (Hook.) Benth. var. <i>helleri</i> (Britt.) Kartesz & Ghandi					
<b><i>Ludwigia alata</i> Ell.</b>	<b>Winged seedbox</b>	<b>G4</b>	<b>S1</b>		
<b><i>Ludwigia brevipes</i> (B.H. Long ex Britt., A. Braun &amp; Small) Eames</b>	<b>Long beach seedbox</b>	<b>G4G5</b>	<b>S2</b>		
<b><i>Ludwigia hirtella</i> Raf.</b>	<b>Rafinesque's seedbox</b>	<b>G5</b>	<b>S1</b>		
<b><i>Ludwigia pilosa</i> Walt.</b>	<b>Hairy seedbox</b>	<b>G5</b>	<b>S1</b>		
<b><i>Ludwigia ravenii</i> Peng</b>	<b>Raven's seedbox</b>	<b>G2?</b>	<b>S1</b>		
<b><i>Ludwigia repens</i> J.R. Forst.</b>	<b>Creeping seedbox</b>	<b>G5</b>	<b>S1</b>		
<b><i>Ludwigia virgata</i> Michx.</b>	<b>Savanna seedbox</b>	<b>G5</b>	<b>SH</b>		
<b><i>Lycopodiella inundata</i> (L.) Holub</b>	<b>Northern bog clubmoss</b>	<b>G5</b>	<b>S1</b>		
syn: <i>Lycopodium inundatum</i> L.					

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Lycopodiella margueritiae</i> J.G. Bruce, W.H. Wagner, & Beitel	Northern prostrate clubmoss	G2	S1		LT
<i>Lysimachia hybrida</i> Michx.	Lowland loosestrife	G5	S2		
<i>Lysimachia quadriflora</i> Sims	Smooth loosestrife	G5?	S1		
<i>Lysimachia radicans</i> Hook.	Trailing loosestrife	G4G5	SH		
<i>Lythrum alatum</i> Pursh	Winged loosestrife	G5	S2		
syn: <i>Lythrum alatum</i> Pursh var. <i>alatum</i>					
<i>Lythrum lanceolatum</i> Ell.	Lance-leaved loosestrife	G5T5	SH		
syn: <i>Lythrum alatum</i> Pursh var. <i>lanceolatum</i> (Ell.) Torr. & Gray ex Rothrock					
<i>Magnolia macrophylla</i> Michx.	Bigleaf magnolia	G5	S1		
<i>Maianthemum stellatum</i> (L.) Link	Starry false solomon's-seal	G5	S2?		
syn: <i>Smilacina stellata</i> (L.) Desf.					
<i>Malvastrum hispidum</i> (Pursh) Hochr.	Hispid falsemallow	G5	S1		
syn: <i>Sphaeralcea angusta</i> (Gray) Fern.					
<i>Manfreda virginica</i> (L.) Salisb. ex Rose	False aloe	G5	S2		
syn: <i>Agave virginica</i> L.					
<i>Marshallia obovata</i> (Walt.) Beadle & F.E. Boynt. var. <i>obovata</i>	Obovate marshallia	G4G5T?	S2		
<i>Marshallia</i> sp. 1	A piedmont Marshallia	G?	S1		
<i>Matelea decipiens</i> (Alexander) Woods.	Old-field milkvine	G5	S1		
<i>Matteuccia struthiopteris</i> (L.) Todaro var. <i>pensylvanica</i> (Willd.) C.V. Morton	Ostrich fern	G5T?	S1		
All Virginia <i>M. struthiopteris</i> is var. <i>pensylvanica</i>					
<i>Melica nitens</i> (Scribn.) Nutt. ex Piper	Three-flower melic	G5	S1S2		
<i>Menyanthes trifoliata</i> L.	Buckbean	G5	S1		
<i>Micranthemum micranthemoides</i> (Nutt.) Wettst.	Nuttall's micranthemum	GH	SH		
<i>Micranthemum umbrosum</i> (J.F. Gmel.) Blake	Shade mudflower	G5	S1		
<i>Mimosa quadrivalvis</i> L. var. <i>angustata</i> (Torr. & Gray) Barneby	Little-leaf sensitive-briar	G5T5	S2		
syn: <i>Schrankia microphylla</i> (Dry.) J.F. MacBr., under <i>Mimosa microphylla</i> Dry. in Kartesz (1999).					
All Virginia <i>M. quadrivalvis</i> is var. <i>angustata</i>					
<i>Mimulus moschatus</i> Dougl. ex Lindl.	Muskflower	G4G5	S1		
<i>Minuartia caroliniana</i> (Walt.) Mattf.	Pine-barren sandwort	G5	SH		
syn: <i>Arenaria caroliniana</i> Walt.					
<i>Minuartia groenlandica</i> (Retz.) Ostenf.	Mountain sandwort	G5	S1		
syn: <i>Arenaria groenlandica</i> (Retz.) Spreng.					
<i>Mitreola petiolata</i> (J.F. Gmel.) Torr. & Gray	Lax hornpod	G5	S1		
syn: <i>Cynoctonum mitreola</i> (L.) Britt.					

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<b><i>Mitreola sessilifolia</i> (J.F. Gmel) G. Don</b> syn: <i>Cynoctonum sessilifolium</i> J.F. Gmel.	Sessile-leaved hornpod	G4G5	S1		
<b><i>Moehringia lateriflora</i> (L.) Fenzl</b> syn: <i>Arenaria lateriflora</i> L.	Grove sandwort	G5	S1		
<b><i>Myrica cerifera</i> L. var. <i>pumila</i> Michaux</b> Under <i>Morella. cerifera</i> L. in Kartesz (1999)	Dwarf southern bayberry	G5T?	S1		
<b><i>Muhlenbergia bushii</i> Pohl</b> Includes <i>M. brachyphylla</i> Bush	Bush's muhly	G5	S1		
<b><i>Muhlenbergia cuspidata</i> (Torr. ex Hook.) Rydb.</b>	Plains muhly	G4	S2		
<b><i>Muhlenbergia expansa</i> (Poir.) Trin.</b> syn: <i>M. capillaris</i> (Lam.) Trin. var. <i>trichopodes</i> (Ell.) Vasey	Cut-over muhly	G5T5	SH		
<b><i>Muhlenbergia glabrifloris</i> Scribn.</b> syn: <i>Muhlenbergia glabriflora</i> Scribn.	Smooth muhly	G4?	SH		
<b><i>Muhlenbergia glomerata</i> (Willd.) Trin.</b>	Marsh muhly	G5	S2		
<b><i>Myriophyllum humile</i> (Raf.) Morong</b>	Low water-milfoil	G5	S1		
<b><i>Myriophyllum laxum</i> Shuttlw. ex Chapm.</b>	Loose water-milfoil	G3	S1		
<b><i>Myriophyllum tenellum</i> Bigelow</b>	Slender water-milfoil	G5	S1		
<b><i>Napaea dioica</i> L.</b>	Glade mallow	G3	S1?		
<b><i>Neobeckia aquatica</i> (Eat.) Greene</b> syn: <i>Armoracia lacustris</i> (Gray) Al-Shehbaz & Bates syn: <i>A. aquatica</i> (Eat.) Wieg.	Lake-cress	G4?	SH		
<b><i>Nestronia umbellula</i> Raf.</b>	Nestronia	G4	S1		LE
<b><i>Nuphar sagittifolia</i> (Walt.) Pursh</b> syn: <i>Nuphar lutea</i> (L.) Sm. ssp. <i>sagittifolia</i> (Walt.) E.O. Beal	Narrow-leaved spatterdock	G2	S1		LT
<b><i>Nymphoides aquatica</i> (J.F. Gmel.) Kuntze</b>	Big floating-heart	G5	S1		
<b><i>Oldenlandia boscii</i> (DC.) Chapman</b> syn: <i>Hedyotis boscii</i> DC.	Bosc's bluets	G5	S1		
<b><i>Oligoneuron rigidum</i> (L.) Small var. <i>glabratum</i> (E.L. Braun) Nesom</b> syn: <i>Solidago rigida</i> L. var. <i>glabrata</i> E.L. Braun	Southeastern stiff goldenrod	G5T4	S1		
<b><i>Oligoneuron rigidum</i> (L.) Small var. <i>rigidum</i></b> syn: <i>Solidago rigida</i> L.	Stiff goldenrod	G5T5	S2		
<b><i>Onosmodium virginianum</i> (L.) DC.</b>	Virginia false-gromwell	G4	S2		
<b><i>Ophioglossum petiolatum</i> Hook.</b>	Longstem adder's-tongue	G5	SH		
<b><i>Ophioglossum pusillum</i> Raf.</b> syn: <i>O. vulgatum</i> L. var. <i>pseudopodium</i> (Blake) Farw.	Northern adder's tongue	G5	S1		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Orbexilum onobrychis</i> (Nutt.) Rydb. syn: <i>Psoralea onobrychis</i> Nutt.	Lanceleaf scurfpea	G5	S1		
<i>Orthilia secunda</i> (L.) House  syn: <i>Pyrola secunda</i> L.	One-sided pyrola	G5	SH		
<i>Oryzopsis asperifolia</i> Michx.	White-grained mountain ricegrass	G5	S1		
<i>Osmanthus americanus</i> (L.) Benth. & Hook f. ex Gray	Wild olive	G5T?	S1		
<i>Osmunda cinnamomea</i> L. var. <i>glandulosa</i> Waters	Glandular cinnamon fern	G5T?	S1		
<i>Oxypolis ternata</i> (Nutt.) Heller Given as <i>O. filiformis</i> (Walt.) Britt. in Harvill et al. (1992)	A cowbane	G3	SH		
<i>Packera millefolium</i> (Torr. & Gray) Weber & Löve  syn: <i>Senecio millefolium</i> Torr. & Gray	Yarrow-leaved ragwort	G2	S2		
<i>Panicum hemitomom</i> J.A. Schultes	Maidencane	G5?	S2		
<i>Parnassia grandifolia</i> DC.	Large-leaved grass-of-parnassus	G3G4	S2		
<i>Paronychia virginica</i> Spreng. var. <i>virginica</i> All Virginia <i>P. virginica</i> is var. <i>virginica</i>	Yellow nailwort	G4T1Q	S1		
<i>Paspalum bifidum</i> (Bertol.) Nash	Pitchfork paspalum	G5	SH		
<i>Paspalum dissectum</i> (L.) L.	Water paspalum	G4?	S2		
<i>Paspalum distichum</i> L.	Joint paspalum	G5	S1		
<i>Paspalum praecox</i> Walt.	Early paspalum	G4	S1		
<i>Paxistima canbyi</i> Gray  syn: <i>Pachistima canbyi</i>	Canby's mountain-lover	G2	S2		
<i>Pediomelum canescens</i> (Michx.) Rydb. syn: <i>Psoralea canescens</i> Michx.	Hoary scurfpea	G3G4	S1		
<i>Penstemon australis</i> Small	Southern beardtongue	G5	S2		
<i>Penstemon calycosus</i> Small	Long-sepal beardtongue	G5	S1		
<i>Penstemon hirsutus</i> (L.) Willd.	Hairy beardtongue	G4	S2		
<i>Phacelia covillei</i> S. Wats. ex Gray Given as <i>P. ranunculacea</i> (Nutt.) Constance in Harvill et al. (1992) and Radford et al. (1968)	Blue scorpion-weed	G2	S1		
<i>Phacelia fimbriata</i> Michx.	Fringed scorpion-weed	G4	S2		
<i>Phalaris caroliniana</i> Walt.	May grass	G5?	SH		
<i>Phanopyrum gymnocarpon</i> (Ell.) Nash	Clustered panic grass	G5	S1		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
syn: <i>Panicum gymnocarpum</i> Ell.					
<b><i>Phlox amplifolia</i> Britt.</b>	Large-leaved phlox	G3G5	S2		
<b><i>Phlox buckleyi</i> Wherry</b>	Sword-leaved phlox	G2	S2		
<b><i>Phlox pilosa</i> L. var. <i>pilosa</i></b>	Downy phlox	G5T5	S2		
All Virginia <i>P. pilosa</i> is var. <i>pilosa</i>					
<b><i>Phyla nodiflora</i> (L.) Greene</b>	Common frog-fruit	G5	S1		
syn: <i>Lippia nodiflora</i> (L.) Michx.					
<b><i>Physalis walteri</i> Nutt.</b>	Dune ground-cherry	G4	S2		
syn: <i>P. maritima</i> M.A. Curtiss, syn: <i>P. viscosa</i> L. ssp. <i>maritima</i> (M.A. Curtiss) Waterfall					
<b><i>Pinus palustris</i> P. Mill.</b>	Long-leaf pine	G5?	S1		
syn: <i>P. australis</i> Michx. f.					
<b><i>Plantago cordata</i> Lam.</b>	Heart-leaved plantain	G4	SH		
<b><i>Plantago maritima</i> L. var. <i>juncooides</i> (Lam.) Gray</b>	Seaside plantain	G5T5	S1		
All Virginia <i>P. maritima</i> is var. <i>juncooides</i>					
<b><i>Platanthera blephariglottis</i> (Willd.) Lindl. var. <i>conspicua</i> (Nash) Luer</b>	Large white fringed orchid	G4G5T3T4S1			
syn: <i>Habenaria blephariglottis</i> (Willd.) Hook. var. <i>conspicua</i> (Nash) Ames, All Virginia <i>P. blephariglottis</i> is var. <i>conspicua</i>					
<b><i>Platanthera grandiflora</i> (Bigelow) Lindl.</b>	Large purple fringed orchid	G5	S1		
syn: <i>Habenaria fimbriata</i> (Ait.) R. Br. ex Ait. f. syn: <i>Habenaria psycodes</i> (L.) Spreng. var. <i>grandiflora</i> (Bigelow) Gray					
<b><i>Platanthera leucophaea</i> (Nutt.) Lindl.</b>	Prairie fringed orchid	G2	S1	LT	LT
syn: <i>Habenaria leucophaea</i> (Nutt.) Gray					
<b><i>Platanthera peramoena</i> (Gray) Gray</b>	Purple fringeless orchid	G5	S2		
syn: <i>Habenaria peramoena</i> Gray					
<b><i>Poa paludigena</i> Fern. &amp; Wieg.</b>	Bog bluegrass	G3	S2		
<b><i>Poa palustris</i> L.</b>	Fowl bluegrass	G5	S1S2		
<b><i>Poa saltuensis</i> Fern. &amp; Wieg.</b>	Drooping bluegrass	G5	S2		
Includes <i>P. languida</i> A.S. Hitchc.					
<b><i>Polanisia dodecandra</i> (L.) DC. ssp. <i>dodecandra</i></b>	Common clammy-weed	G5T?	S2		
All Virginia <i>P. dodecandra</i> is ssp. <i>dodecandra</i>					
<b><i>Polygala brevifolia</i> Nutt.</b>	Little-leaf milkwort	G4G5	SH		
<b><i>Polygala ramosa</i> Ell.</b>	Low pinebarren	G5	SH		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
	milkwort				
<i>Polygonella polygama</i> (Vent.) Engelm. & Gray	October-flower	G4	S1		
<i>Polygonum glaucum</i> Nutt.	Sea-beach knotweed	G3	S1S2		
<i>Populus tremuloides</i> Michx.	Quaking aspen	G5	S2		
<i>Porteranthus stipulatus</i> (Muhl. ex Willd.) Britt. syn: <i>Gillenia stipulata</i> (Muhl. ex Willd.) Nutt.	American ipecac	G5	S1		
<i>Portulaca smallii</i> P. Wilson	Small's purslane	G3	S1		
<i>Potamogeton amplifolius</i> Tuckerman	Large-leaf pondweed	G5	S1S2		
<i>Potamogeton hillii</i> Morong	Hill's pondweed	G3	S1		
<i>Potamogeton oakesianus</i> J.W. Robbins	Oakes pondweed	G4	S2		
<i>Potamogeton robbinsii</i> Oakes	Flatleaf pondweed	G5	SH		
<i>Potamogeton spirillus</i> Tuckerman	Spiral pondweed	G5	S1		
<i>Potamogeton strictifolius</i> Benn.	Straight-leaf pondweed	G5	S1		
<i>Potamogeton tennesseensis</i> Fern.	Tennessee pondweed	G2	S1		
<i>Potamogeton zosteriformis</i> Fern.	Flatstem pondweed	G5	S1		
<i>Potentilla arguta</i> Pursh	Tall cinquefoil	G5	S1		
<i>Prenanthes autumnalis</i> Walt.	Slender rattlesnake-root	G4G5	S2		
<i>Prunus maritima</i> Marshall	Beach plum	G4	S1		
<i>Prunus nigra</i> Ait.	Canada plum	G4G5	S1		
<i>Prunus susquehanae</i> Hort ex Willd. syn: <i>Prunus pumila</i> L. var. <i>susquehanae</i> (Hort. ex Willd.) Jaeger	Susquehanna cherry	G5T4	S1		
<i>Pseudognaphalium helleri</i> (Britt.) A. Anderb. Includes var. <i>helleri</i> and var. <i>micradenium</i> (Weatherby) Mahler	Catfoot	G4G5	S1		
<i>Pseudolycopodiella caroliniana</i> (L.) Holub syn: <i>Lycopodium carolinianum</i> L.  syn: <i>Lycopodiella caroliniana</i> (L.) Pichi Sermolli	Slender clubmoss	G5	SH		
<i>Ptilimnium nodosum</i> (Rose) Mathias Virginia plants may be designated as <i>Ptilimnium fluviatile</i> (Rose) Mathias, if recognized as distinct from <i>P. nodosum</i> .	Harperella	G2	S1	LE	LE
<i>Puccinellia fasciculata</i> (Torr.) Bickn.	Salt marsh goosegrass	GU	S1		
<i>Pycnanthemum clinopodioides</i> Torr. & Gray	Basil mountain-mint	G2	S1		
<i>Pycnanthemum monotrichum</i> Fern.	A mountain-mint	GHQ	SH		
<i>Pycnanthemum montanum</i> Michx.	Appalachian mountain-mint	G3G5	S2		
<i>Pycnanthemum setosum</i> Nutt.	Awed mountain-mint	G3?	S1		
<i>Pycnanthemum torrei</i> Benth.	Torrey's mountain mint	G2	S2?		
<i>Pyrola chlorantha</i> Sw.	Greenish-flowered pyrola	G5	SH		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
syn: <i>P. virens</i> Schreb.					
<b><i>Pyrola elliptica</i> Nutt.</b>	<b>Shinleaf</b>	<b>G5</b>	<b>S2</b>		
<b><i>Pyxidantha barbulate</i> Michx. var. <i>barbulate</i></b>	<b>Flowering pixie-moss</b>	<b>G4T4</b>	<b>S1</b>		
All Virginia <i>P. barbulate</i> is var. <i>barbulate</i>					
<b><i>Quercus hemisphaerica</i> Bartr. ex Willd.</b>	<b>Darlington's oak</b>	<b>G5</b>	<b>S1</b>		
Under <i>Q. laurifolia</i> Michx. in Radford et al. (1968)					
<b><i>Quercus incana</i> Bartr.</b>	<b>Bluejack oak</b>	<b>G5</b>	<b>S2</b>		
<b><i>Quercus macrocarpa</i> Michx.</b>	<b>Bur oak</b>	<b>G5</b>	<b>S1</b>		
<b><i>Quercus prinoides</i> Willd.</b>	<b>Dwarf chinkapin oak</b>	<b>G5</b>	<b>S1</b>		
<b><i>Ranunculus ambigens</i> S. Wats.</b>	<b>Water-plantain crowfoot</b>	<b>G4</b>	<b>S1</b>		
<b><i>Ranunculus aquatilis</i> L. var. <i>diffusus</i> Withering</b> Given as <i>R. aquatilis</i> L. in Harvill et al. (1992).	<b>White water crowfoot</b>	<b>G5</b>	<b>S1</b>		
<b><i>Ranunculus hederaceus</i> L.</b>	<b>Ivy-leaved water crowfoot</b>	<b>G5</b>	<b>SH</b>		
<b><i>Ranunculus laxicaulis</i> (Torr. &amp; Gray) Darby</b>	<b>Mississippi buttercup</b>	<b>G5?</b>	<b>S1</b>		
<b><i>Rhamnus alnifolia</i> L'Her.</b>	<b>Alderleaf buckthorn</b>	<b>G5</b>	<b>S1</b>		
<b><i>Rhamnus lanceolata</i> Pursh var. <i>glabrata</i> Gleason</b>	<b>Smooth lance-leaved buckthorn</b>	<b>G4G5TU</b>	<b>S1</b>		
Most Virginia <i>R. lanceolata</i> is var. <i>lanceolata</i> (see watchlist)					
<b><i>Rhexia petiolata</i> Walt.</b>	<b>Ciliate meadow- beauty</b>	<b>G5?</b>	<b>S1</b>		
<b><i>Rhododendron arborescens</i> (Pursh) Torr.</b>	<b>Smooth azalea</b>	<b>G4G5</b>	<b>S2</b>		
<b><i>Rhus michauxii</i> Sarg.</b>	<b>Michaux's sumac</b>	<b>G2</b>	<b>S1</b>	<b>LE</b>	<b>LT</b>
<b><i>Rhynchospora alba</i> (L.) Vahl</b>	<b>White beakrush</b>	<b>G5</b>	<b>S2</b>		
<b><i>Rhynchospora capillacea</i> Torr.</b>	<b>Horned beakrush</b>	<b>G5</b>	<b>S1</b>		
<b><i>Rhynchospora cephalantha</i> Gray var. <i>attenuata</i> Gale</b>	<b>Small capitate beakrush</b>	<b>G5T3?</b>	<b>S2</b>		
<b><i>Rhynchospora colorata</i> (L.) H. Pfeiffer</b>	<b>White-topped sedge</b>	<b>G5</b>	<b>S1</b>		
syn: <i>Dichromena colorata</i> (L.) Hitchc.					
<b><i>Rhynchospora debilis</i> Gale</b>	<b>Savannah beakrush</b>	<b>G4?</b>	<b>S1</b>		
<b><i>Rhynchospora fascicularis</i> (Michx.) Vahl var. <i>distans</i> (Michx.) Chapman</b>	<b>Fasciculate beakrush</b>	<b>G5T4?</b>	<b>S1?</b>		
<b><i>Rhynchospora fascicularis</i> (Michx.) Vahl var. <i>fascicularis</i></b>	<b>Fasciculate beakrush</b>	<b>G5T?</b>	<b>S1?</b>		
<b><i>Rhynchospora filifolia</i> Gray</b>	<b>Thread-leaved beakrush</b>	<b>G5</b>	<b>SH</b>		
<b><i>Rhynchospora grayi</i> Kunth</b>	<b>Gray's beakrush</b>	<b>G4</b>	<b>SH</b>		
<b><i>Rhynchospora harveyi</i> W. Boott</b>	<b>Harvey's beakrush</b>	<b>G4</b>	<b>SH</b>		
<b><i>Rhynchospora macrostachya</i> Torr. ex Gray var. <i>macrostachya</i></b>	<b>Tall hornedrush</b>	<b>G4T4</b>	<b>S2</b>		
Does not include <i>R. macrostachya</i> var. <i>colpophila</i> Fern. & Gale					
<b><i>Rhynchospora miliacea</i> (Lam.) Gray</b>	<b>Millet beakrush</b>	<b>G5</b>	<b>SH</b>		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Rhynchospora nitens</i> (Vahl) Gray syn: <i>Psilocarya nitens</i> (Vahl) Wood	Short-beaked baldrush	G4	S1		
<i>Rhynchospora oligantha</i> Gray	Few-flowered beakrush	G4	S1		
<i>Rhynchospora pallida</i> M.A. Curtis	Pale beakrush	G3	SH		
<i>Rhynchospora perplexa</i> Britt.	A beakrush	G5	S1S2		
<i>Rhynchospora scirpoides</i> (Torr.) Gray syn: <i>Psilocarya scirpoides</i> Torr.	Long-beaked baldrush	G4	S1		
<i>Rhynchospora stenophylla</i> Chapman	Coastal bog beaksedge	G4	S1		
<i>Rhynchospora wrightiana</i> Boeckl.	Wright's beakrush	G5	SH		
<i>Ribes americanum</i> P. Mill.	Wild black currant	G5	S1		
<i>Ribes lacustre</i> (Pers.) Poir.	Bristly black currant	G5	S1?		
<i>Rorippa sessiliflora</i> (Nutt.) A.S. Hitchc.	Stalkless yellow-cress	G5	S1		
<i>Rosa setigera</i> Michx.	Prairie rose	G5	S1		
<i>Rubus idaeus</i> L. ssp. <i>strigosus</i> (Michx.) Focke	Red raspberry	G5T5	S2		
<i>Rudbeckia heliopsidis</i> Torr. & Gray	Sun-facing coneflower	G2	S1		
<i>Rudbeckia triloba</i> L. var. <i>pinnatifida</i> Torr. & Gray	Pinnate-lobed coneflower	G4T2?	S1		
<i>Sabatia campanulata</i> (L.) Torr.	Slender marsh rose-pink	G5	S2		
<i>Sabatia difformis</i> (L.) Druce	Two-formed rose-pink	G4G5	S1		
<i>Saccharum brevibarbe</i> (Michx.) Pers. var. <i>brevibarbe</i> syn: <i>Erianthus brevibarbis</i> Michx.	Short-beard plumegrass	G3G5	S1?		
<i>Saccharum coarctatum</i> (Fern.) R. Webster syn: <i>Erianthus coarctatus</i> Fern. syn: <i>Erianthus coarctatus</i> var. <i>elliottianus</i> Fern.	Bunched plumegrass	G5?	S1?		
<i>Sagittaria calycina</i> Engelm. var. <i>calycina</i> syn: <i>Lophotocarpus calycinus</i> (Engelm.) J.G. Sm.	Long-lobe arrowhead	G5T5?	S1		
<i>Sagittaria calycina</i> Engelm. var. <i>spongiosa</i> Engelm. syn: <i>Lophotocarpus spongiosus</i> (Engelm.) J.G. Sm., Given as <i>S. spathulata</i> in Harvill et al. (1992)	An arrowhead	G5T4	S1		
<i>Sagittaria engelmanniana</i> J.G. Sm.	Engelmann arrowhead	G5?	SH		
<i>Sagittaria rigida</i> Pursh	Sessile-fruited arrowhead	G5	S1		
<i>Salix discolor</i> Muhl.	Pussy willow	G5	S1		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Salix exigua</i> Nutt. syn: <i>S. interior</i> Rowlee	Sandbar willow	G5	S1		
<i>Sanguisorba canadensis</i> L.	Canada burnet	G5	S2		
<i>Sarracenia flava</i> L.	Yellow pitcher-plant	G5?	S1		
<i>Sarracenia purpurea</i> L. var. <i>purpurea</i>	Northern purple pitcher-plant	G5T5	S2?		
<i>Sarracenia purpurea</i> L. var. <i>venosa</i> (Raf.) Fern.	Southern purple pitcher-plant	G5T3T5	S2		
<i>Saxifraga careyana</i> Gray	Carey saxifrage	G3	S2?		
<i>Saxifraga caroliniana</i> Gray Under <i>S. careyana</i> Gray in Harvill et al. (1992)	Carolina saxifrage	G2	S2?		
<i>Schizachne purpurascens</i> (Torr.) Swallen	Purple oat-grass	G5	S1		
<i>Schoenoplectus acutus</i> (Muhl. ex Bigelow) Love & Love syn: <i>Scirpus acutus</i> Muhl. ex Bigelow	Hard-stemmed bulrush	G5	S1		
<i>Schoenoplectus etuberculatus</i> (Steud.) Sojak syn: <i>Scirpus etuberculatus</i> (Steud.) Kuntze	Canby's bulrush	G3G4	SH		
<i>Schoenoplectus fluviatilis</i> (Torr.) M.T. Strong syn: <i>Bolboschoenus fluviatilis</i> (Torr.) J. Sojak  syn: <i>Scirpus fluviatilis</i> (Torr.) Gray	River bulrush	G5	S2		
<i>Schoenoplectus smithii</i> (Gray) Sojak syn: <i>Scirpus smithii</i> Gray	Smith's bulrush	G5?	SH		
<i>Schoenoplectus subterminalis</i> (Torr.) Sojak syn: <i>Scirpus subterminalis</i> Torr.	Water bulrush	G4G5	S1S2		
<i>Schoenoplectus torreyi</i> (Olney) Palla  syn: <i>Scirpus torreyi</i> Olney	Torrey's bulrush	G5?	S1		
<i>Schwalbea americana</i> L.	Chaffseed	G2	SH	LE	
<i>Scirpus ancistrochaetus</i> Schuyler	Northeastern bulrush	G3	S2	LE	LE
<i>Scirpus flaccidifolius</i> (Fern.) Schuyler syn: <i>S. atrovirens</i> Willd. var. <i>flaccidifolius</i> Fern.	Reclining bulrush	G2	S1		LT
<i>Scleria ciliata</i> Michx. var. <i>ciliata</i>	Fringed nutrush	G5	S1		
<i>Scleria minor</i> W. Stone	Slender nutrush	G4	S2		
<i>Scleria pauciflora</i> Muhl. ex Willd. var. <i>caroliniana</i> (Willd.) Wood	Carolina nutrush	G5T4T5	S1		
<i>Scleria verticillata</i> Muhl. ex Willd.	Whorled nutrush	G5	S2		
<i>Sclerolepis uniflora</i> (Walt.) B.S.P.	One-flower sclerolepis	G4	S1		
<i>Scutellaria arguta</i> Buckl.	Sharp-leaved skullcap	G2?Q	SH		
<i>Scutellaria galericulata</i> L. syn: <i>S. epilobiiifolia</i> A. Hamilton	Hooded skullcap	G5	S1		
<i>Scutellaria incana</i> Biehler	Hoary skullcap	G5	S2		
<i>Scutellaria parvula</i> Michx. var. <i>parvula</i> Does not include <i>S. parvula</i> Michx. var. <i>leonardii</i> (Epling) Fern.	Small skullcap	G4T?	S1		
<i>Seymeria cassioides</i> (J.F. Gmel.) Blake	Seymeria	G5	S1S2		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Sibbaldiopsis tridentata</i> (Ait.) Rydb. syn: <i>Potentilla tridentata</i> Ait.	Three-toothed cinquefoil	G5	S2		
<i>Sida elliotii</i> Torr. & Gray Virginia material is referable to <i>Sida inflexa</i> Fern., but treated here as an anomalous form of <i>S. elliotii</i> . Varietal status may be warranted for Virginia plants.	Elliott sida	G4G5	S1		
<i>Sida hermaphrodita</i> (L.) Rusby	Virginia mallow	G2	S1		
<i>Silene nivea</i> (Nutt.) Muhl. ex Otth	Snowy campion	G4?	S1		
<i>Silene ovata</i> Pursh	Ovate catchfly	G2G3	S1		
<i>Silene rotundifolia</i> Nutt.	Roundleaf catchfly	G4	S2		
<i>Silphium terebinthinaceum</i> Jacq.	Prairie rosinweed	G4G5	S1		
<i>Sisyrinchium albidum</i> Raf.	White blue-eyed-grass	G5?	S2		
<i>Smilax ecirrata</i> (Engelm. ex Kunth) S. Wats. also spelled <i>ecirrhata</i>	Upright greenbrier	G5?	S1		
<i>Smilax smallii</i> Morong	Small's greenbrier	G5?	SH		
<i>Solidago gracillima</i> Torr. & Gray Includes <i>S. perlonga</i> Fern.	Southern bog goldenrod	G4?	S2		
<i>Solidago latissimifolia</i> P. Mill. syn: <i>S. elliotii</i> Torr. & Gray	Elliott goldenrod	G5	S2		
<i>Solidago patula</i> Muhl. ex Willd. var. <i>strictula</i> Torr. & Gray syn: <i>S. salicina</i> Ell.	Rough-leaved goldenrod	G5T5	S1		
<i>Solidago racemosa</i> Greene syn: <i>S. simplex</i> Kunth ssp. <i>randii</i> (Porter) Ringius var. <i>racemosa</i> (Greene) Ringius, syn: <i>S. simplex</i> Kunth var. <i>racemosa</i> (Greene) Ringius	Sticky goldenrod	G5T4?	S1		
<i>Solidago randii</i> (Porter) Britt. syn: <i>S. simplex</i> Kunth ssp. <i>randii</i> (Porter) Ringius var. <i>randii</i> syn: <i>S. simplex</i> Kunth var. <i>randii</i> (Porter) Ringius	Rand's goldenrod	G5T4	S2S3		
<i>Solidago rupestris</i> Raf. Under <i>S. altissima</i> L. in Radford et al. (1968)	Riverbank goldenrod	G4?	S1		
<i>Solidago tortifolia</i> Ell.	Leafy pinewoods goldenrod	G4G5	S1		
<i>Solidago uliginosa</i> Nutt. var. <i>uliginosa</i> All Virginia <i>S. uliginosa</i> is var. <i>uliginosa</i>	Bog goldenrod	G4G5T?	S2		
<i>Sparganium androcladum</i> (Engelm.) Morong	Branching burreed	G4G5	SH		
<i>Sparganium chlorocarpum</i> Rydb.	Narrow-leaf burreed	G5	S1		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Spartina pectinata</i> Link	Freshwater cordgrass	G5	S2		
<i>Spermacoce glabra</i> Michx.	Smooth buttonweed	G4G5	S1		
<i>Spermolepis divaricata</i> (Walt.) Raf. ex Ser.	Rough-fruit spermolepis	G5	S1?		
<i>Sphenopholis filiformis</i> (Chapman) Scribn.	Long-leaf wedge grass	G4?	S1		
<i>Spiraea virginiana</i> Britt.	Virginia spiraea	G2	S1	LT	LE
<i>Spiranthes lucida</i> (H.H. Eat.) Ames	Shining ladies'-tresses	G5	S1		
<i>Spiranthes magnicamporum</i> Sheviak	Great Plains ladies'-tresses	G4	S1		
<i>Spiranthes ochroleuca</i> (Rydb.) Rydb.	Yellow nodding ladies'-tresses	G4	S1		
<i>Sporobolus compositus</i> (Poir.) Merr. var. <i>compositus</i> syn: <i>S. asper</i> (Beauv.) Kunth, All Virginia <i>S. compositus</i> is var. <i>compositus</i>	Longleaf dropseed	G5T5	S1S2		
<i>Sporobolus heterolepis</i> (Gray) Gray	Northern dropseed	G5	S1		
<i>Sporobolus junceus</i> (Beauv.) Kunth	Purple dropseed	G5	S1		
<i>Sporobolus neglectus</i> Nash	Small dropseed	G5	S2		
<i>Stachys aspera</i> Michx.	Rough hedgenettle	G4?	S2		
syn: <i>S. hyssopifolia</i> Michx. var. <i>ambigus</i> Gray					
<i>Stachys eplingii</i> J. Nelson	Epling's hedgenettle	G5	S1		
<i>Stachys pilosa</i> Nutt. var. <i>arenicola</i> (Britt.) Mulligan & Munroe Given as <i>S. palustris</i> L. in Harvill et al. (1992)	Marsh hedgenettle	G5T4?	S1		
<i>Stachys</i> sp. 1 New, unnamed southeastern <i>Stachys</i> species	Yadkin hedgenettle	G?	S1		
<i>Steinchisma hians</i> (Ell.) Nash syn: <i>Panicum hians</i> Ell.	Gaping panic grass	G5	S1		
<i>Stewartia ovata</i> (Cav.) Weatherby	Mountain camellia	G4	S2		
<i>Stillingia sylvatica</i> Garden ex L. ssp. <i>sylvatica</i>	Queen's delight	G5T5	S1		
<i>Stipulicida setacea</i> Michx. var. <i>setacea</i>	Pineland scaly-pink	G4G5T?	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	Snowberry	G5T4	S2		
<i>Symphotrichum elliotii</i> (Torr. & Gray) Nesom syn: <i>Aster puniceus</i> L. var. <i>elliotii</i> (Torr. & Gray) A.G. Jones syn: <i>A. elliotii</i> Torr. & Gray	Elliott's aster	G5T3T4	S1		
<i>Symphotrichum ericoides</i> (L.) Nesom syn: <i>Aster ericoides</i> L.	White heath aster	G5	S2		
<i>Symphotrichum praealtum</i> (Poiret) Nesom var.	Willow aster	G5T4	S1		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<b><i>angustior</i> (Wiegand) Nesom</b> syn: <i>Aster praealtus</i> Poir. var. <i>angustior</i> Wieg.					
<b><i>Symphotrichum pratense</i> (Raf.) Nesom</b> syn: <i>Aster pratensis</i> Raf. syn: <i>A. sericeus</i> Vent. var. <i>microphyllus</i> DC.	Silky aster	G?	S1		
<b><i>Symphotrichum shortii</i> (Lindl.) Nesom</b> syn: <i>Aster shortii</i> Lindl.	Short's aster	G4G5	S1		
<b><i>Synandra hispidula</i> (Michx.) Baill.</b>	Gyandotte beauty	G4	S2		
<b><i>Talinum mengesii</i> W. Wolf</b>	Menge's fame-flower	G3	S1		
<b><i>Tetragonotheca helianthoides</i> L.</b>	Pineland squarehead	G5	S1		
<b><i>Thalictrum macrostylum</i> Small &amp; Heller</b>	Small-leaved meadowrue	G3G4	S1		
<b><i>Thelypteris simulata</i> (Davenport) Nieuwl.</b>	Bog fern	G4G5	S1S2		
<b><i>Tillandsia usneoides</i> (L.) L.</b>	Spanish moss	G5	S2		
<b><i>Tofieldia glutinosa</i> (Michx.) Pers.</b> syn: <i>T. racemosa</i> (Walt.) B.S.P. var. <i>glutinosa</i> (Michx.) Ahles	Sticky false-asphodel	G5	S1		
<b><i>Tofieldia racemosa</i> (Walt.) B.S.P.</b>	Coastal false-asphodel	G5	S1		
<b><i>Toxicodendron rydbergii</i> (Small ex Rydb.) Greene</b>	Western poison ivy	G5	S1		
<b><i>Triadenum fraseri</i> (Spach) Gleason</b>  Under <i>Hypericum virginicum</i> L. in Fernald (1950)	Fraser's marsh St. John's-wort	G4G5	S1		
<b><i>Triadenum tubulosum</i> (Walt.) Gleason</b>  syn: <i>Hypericum tubulosum</i> Walt.	Large marsh St. John's-wort	G4?	S1		
<b><i>Trichomanes boschianum</i> Sturm</b>	Appalachian filmy fern	G4	S1		
<b><i>Trichostema setaceum</i> Houtt.</b>	Narrow-leaved blue-curls	G5	S2		
<b><i>Tridens chapmanii</i> (Small) Chase</b> syn: <i>T. flavus</i> (L.) A.S. Hitchc. var. <i>chapmanii</i> (Small) Shinnery, syn: <i>Triodia chapmanii</i> (Small) Bush	Chapman's redtop	G?	SH		
<b><i>Trifolium calcaricum</i> Collins and Wieboldt</b>	Running glade clover	G1	S1		LE
<b><i>Trifolium reflexum</i> L.</b>	Buffalo clover	G5	S1		
<b><i>Trillium cernuum</i> L.</b>	Nodding trillium	G5	S2		
<b><i>Trillium flexipes</i> Raf.</b>	Drooping trillium	G5	S1		
<b><i>Trillium nivale</i> Riddell</b>	Snow trillium	G4	S1		
<b><i>Trillium pusillum</i> Michx. var. <i>virginianum</i> Fern.</b> Includes var. <i>moniticulum</i> Bodkin & Reveal	Virginia least trillium	G3T2	S2		
<b><i>Triphora trianthophora</i> (Sw.) Rydb.</b>	Nodding pogonia	G4	S1		
<b><i>Trisetum spicatum</i> (L.) Richter</b>	Narrow false oats	G5	S1		
<b><i>Utricularia juncea</i> Vahl</b>	Southern bladderwort	G5	S2		

Virginia Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Utricularia olivacea</i> C. Wright ex Griseb.	Minute bladderwort	G4	S1		
<i>Utricularia purpurea</i> Walt.	Purple bladderwort	G5	S2		
<i>Utricularia striata</i> Le Conte ex Torr. syn: <i>U. fibrosa</i> Walt.	Fibrous bladderwort	G4G5	S1		
<i>Vaccinium crassifolium</i> Andr.	Creeping blueberry	G4G5	S1		
<i>Vaccinium macrocarpon</i> Ait.	Large cranberry	G4	S2		
<i>Vaccinium myrtilloides</i> Michx.	Velvetleaf blueberry	G5	S1S2		
<i>Vaccinium virgatum</i> Ait.	Swamp blueberry	G4	SH		
<i>Valeriana pauciflora</i> Michx.	Pink valerian	G4	S2		
<i>Verbena scabra</i> Vahl	Sandpaper vervain	G5	S2		
<i>Veronica scutellata</i> L.	Marsh speedwell	G5	S1		
<i>Viburnum lentago</i> L.	Nannyberry	G5	S1		
<i>Vicia americana</i> Muhl. ex Willd. ssp. <i>americana</i>  All Virginia <i>V. americana</i> is ssp. <i>americana</i>	American purple vetch	G5T5	S1S2		
<i>Viola walteri</i> House	Prostrate blue violet	G4G5	S2		
<i>Vitis rupestris</i> Scheele	Sand grape	G3	S1?		
<i>Wisteria frutescens</i> (L.) Poir.	American wisteria	G5	S2		
<i>Wolffia columbiana</i> Karst.	Columbia watermeal	G5	S1		
<i>Xyris caroliniana</i> Walt.	Carolina yellow-eyed-grass	G4G5	S1		
<i>Xyris difformis</i> Chapman var. <i>curtissii</i> (Malme) Kral syn: <i>X. curtissii</i> Malme	Curtiss' yellow-eyed-grass	G5T5	S1		
<i>Xyris fimbriata</i> Ell.	Fringed yellow-eyed-grass	G5	S1		
<i>Xyris laxifolia</i> Mart. var. <i>iridifolia</i> (Chapman) Kral syn: <i>Xyris iridifolia</i> Chapman	Irishleaf yellow-eyed-grass	G4G5T4T5	S1		
<i>Xyris platylepis</i> Chapman	Tall yellow-eyed-grass	G5	S2		
<i>Zenobia pulverulenta</i> (Bartr. ex Willd.) Pollard	Dusty zenobia	G4?	S1		
<i>Zigadenus densus</i> (Desr.) Fern.	Dense-flowered camas	G5	S1		
<i>Zigadenus glaberrimus</i> Michx.	Large-flowered camas	G5	S1		
<i>Zigadenus leimanthoides</i> Gray	Death camas	G4Q	S1		
<i>Zornia bracteata</i> J.F. Gmel.	Viperina	G5?	S1		

*PART TWO:*

*VIRGINIA VASCULAR PLANT WATCH LIST*

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Acalypha deamii</i> (Weatherby) Ahles	Deam's three-seeded mercury	G4?	S3		
<i>Acalypha ostryifolia</i> Riddell also spelled <i>ostryaefolia</i>	Hornbeam copper-leaf	G5	SE?		
<i>Aconitum reclinatum</i> Gray	White monkshood	G3	S3		
<i>Adlumia fungosa</i> (Ait.) Greene ex B.S.P.	Climbing fumitory	G4	S3		
<i>Agalinis fasciculata</i> (Ell.) Raf. syn: <i>Gerardia fasciculata</i> (Ell.) Raf.	Fascicled false-foxtail	G5	SU		
<i>Agalinis virgata</i> Raf. syn: <i>Gerardia racemulosa</i> Pennell, under <i>A. fasciculata</i> (Ell.) Raf. in Kartesz (1999), under <i>A. purpurea</i> (L.) Pennell in Harvill et al. (1992)	Pine-barren false-foxtail	G3G4Q	SU		
<i>Agrostis altissima</i> (Walt.) Tuckerman Under <i>A. perennans</i> (Walt.) Tuckerman in Radford et al. (1968) and Kartesz (1999)	Tall bentgrass	G4	SU		
<i>Agrostis scabra</i> Willd. var. <i>scabra</i>	Rough bentgrass	G5T?	S3?		
<i>Allium allegheniense</i> Small Under <i>A. cernuum</i> Roth in Fernald (1950) and Radford et al. (1968)	Alleghany nodding onion	G3?	SU		
<i>Allium burdickii</i> (Hanes) A.G. Jones	Narrow-leaved ramps	G4G5	SU		
<i>Alopecurus aequalis</i> Sobol.	Short-awn foxtail	G5	SE?		
<i>Amelanchier sanguinea</i> (Pursh) DC. var. <i>sanguinea</i> All Virginia <i>A. sanguinea</i> is var. <i>sanguinea</i>	Roundleaf serviceberry	G5T5	S3		
<i>Ampelopsis arborea</i> (L.) Koehne	Peppervine	G5	S3		
<i>Ampelopsis cordata</i> Michx.	Heart-leaf peppervine	G5	SU		
<i>Amsonia tabernaemontana</i> Walt. Includes varieties <i>tabernaemontana</i> and <i>silicifolia</i> (Pursh) Woods	Eastern blue dogbane	G5	S3		
<i>Andropogon glaucopsis</i> Ell. syn: <i>A. virginicus</i> L. var. <i>glaucopsis</i> (Ell.) A.S. Hitchc. syn: <i>A. glomeratus</i> (Walt.) Britt. var. <i>glaucopsis</i> (Ell.) A.S. Hitchc., Under <i>A. virginicus</i> L. in Radford et al. (1968)	Chalky bluestem	G5T?	SU		
<i>Andropogon perangustatus</i> Nash syn: <i>A. gyrans</i> Ashe var. <i>stenophyllus</i> (Hack.) C. Cambell	Narrow-leaved bluestem	G5T3T4	S3		
<i>Andropogon tenuispathus</i> (Nash) Nash syn: <i>A. glomeratus</i> (Walt.) Britt. var. <i>pumilus</i> Vasey ex Dewey Under <i>A. virginicus</i> L. in Radford et al. (1968)	A bluestem	G5	SU		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Andropogon virginicus</i> L. var. <i>decipiens</i> C. Campbell Under <i>A. virginicus</i> L. in Radford <i>et al.</i> (1968), Under <i>A. virginicus</i> L. var. <i>virginicus</i> in Fernald (1950)	A bluestem	G5T4	SU		
<i>Anemone minima</i> DC.	Dwarf anemone	G3Q	S3		
<i>Antennaria howellii</i> Greene ssp. <i>petaloidea</i> (Fern.) Bayer syn: <i>A. petaloidea</i> (Fern.) Fern.	Field pussytoes	G4G5T?	SU		
<i>Arisaema triphyllum</i> (L.) Schott ssp. <i>stewardsonii</i> (Britt.) Huttleston syn: <i>A. stewardsonii</i> Britt. Under <i>A. triphyllum</i> (L.) Schott in Radford <i>et al.</i> (1968)	Swamp jack-in-the-pulpit	G5T4	SU		
<i>Aristida lanosa</i> Muhl. ex Ell.	Woolly three-awn grass	G5	S3		
<i>Aristida tuberculosa</i> Nutt.	Seabeach needlegrass	G5	S3		
<i>Aruncus dioicus</i> (Walt.) Fern. var. <i>pubescens</i> (Rydb.) Fern. Under <i>A. dioicus</i> (Walt.) Fern. in Radford <i>et al.</i> (1968)	Midwestern goatsbeard	G5T?	SU		
<i>Asarum canadense</i> L. var. <i>acuminatum</i> Ashe Under <i>A. canadense</i> L. in Kartesz (1999) and Radford <i>et al.</i> (1968)	Wild ginger	G5T?Q	SU		
<i>Asclepias incarnata</i> L. ssp. <i>incarnata</i>	Swamp milkweed	G5T5	S3		
<i>Asclepias lanceolata</i> Walt.	Smooth orange milkweed	G5	S3		
<i>Asimina parviflora</i> (Michx.) Dunal	Dwarf paw-paw	G5	S3		
<i>Asplenium platyneuron</i> (L.) B.S.P. var. <i>bacculum-rubrum</i> (Featherman) Fern.	Maritime ebony spleenwort	G5T?	SU		
<i>Asplenium trichomanes</i> L. ssp. <i>quadrivalens</i> D.E. Meyer emend. Lovis	Limestone maidenhair spleenwort	G5T5?	SU		
<i>Aureolaria pedicularia</i> (L.) Raf. var. <i>austromontana</i> Pennell syn: <i>Gerardia pedicularia</i> L. var. <i>intercedens</i> (Pennell) Fern. Under <i>A. pedicularia</i> (L.) Raf. in Radford <i>et al.</i> (1968)	Fern-leaved yellow foxglove	G5T?	SU		
<i>Aureolaria pedicularia</i> (L.) Raf. var. <i>pedicularia</i> syn: <i>Gerardia pedicularia</i> L. var. <i>pedicularia</i> Under <i>A. pedicularia</i> (L.) Raf. in Radford <i>et al.</i> (1968)	Fern-leaved yellow foxglove	G5T4	SU		
<i>Axonopus fissifolius</i> (Raddi) Kuhlmann syn: <i>A. affinis</i> Chase	Southern carpet grass	G5	SE?		
<i>Axonopus furcatus</i> (Fluegge) A.S. Hitchc.	Big carpet grass	G5	S3		
<i>Bacopa monnieri</i> (L.) Pennell	Coastal water-hyssop	G5?	S3		
<i>Baptisia australis</i> (L.) R. Br. ex Ait. f. var. <i>australis</i>	Blue wild-indigo	G5T4?	S3		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Bartonia paniculata</i> (Michx.) Muhl. ssp. <i>paniculata</i>	Twining bartonia	G5T5	S3		
<i>Blephilia hirsuta</i> (Pursh) Benth.	Hairy woodmint	G5?	S3		
<i>Bolboschoenus novae-angliae</i> (Britt.) S.G. Sm. syn: <i>Schoenoplectus novae-angliae</i> (Britt.) Strong syn: <i>Scirpus cylindricus</i> (Torr.) Britt. syn: <i>Scirpus novae-angliae</i> Britt.	Salt-marsh bulrush	G5	S3		
<i>Boltonia asteroides</i> (L.) L'Her	Aster-like boltonia	G5	S3		
<i>Boltonia caroliniana</i> (Walt.) Fern.	Carolina boltonia	G4?	S3		
<i>Brachyelytrum septentrionale</i> (Babel) G. Tucker	Northern shorthusk	G5T4T5	S3		
<i>Braya humilis</i> (C.A. Meyer) B.L. Robinson	Alpine northern-rockcress	G5	SE?		
<i>Bulbostylis ciliatifolia</i> (Ell.) Fern. var. <i>ciliatifolia</i> Under <i>B. ciliatifolia</i> (Ell.) Fern. in Radford <i>et al.</i> (1968)	Capillary hairsedge	G5T?	S3?		
<i>Bulbostylis ciliatifolia</i> (Ell.) Fern. var. <i>coarctata</i> (Ell.) Kral Under <i>B. ciliatifolia</i> (Ell.) Fern. in Radford <i>et al.</i> (1968) syn: <i>B. coarctata</i> (Ell.) Fern.	A hairsedge	G5T?	SU		
<i>Callitriche verna</i> L. syn: <i>C. palustris</i> L.	Marsh water-starwort	G5	S3		
<i>Calystegia macounii</i> (Greene) Brummitt	Macoun's false bindweed	G5	SU		
<i>Calystegia silvatica</i> (Kit.) Griseb. ssp. <i>fraterniflora</i> (Mackenzie & Bush) Brummitt syn: <i>Convolvulus sepium</i> L. var. <i>fraterniflorus</i> Mackenzie & Bush	Bindweed	G5T?	SU		
<i>Calystegia soldanella</i> (L.) R. Br. ex Roemer & J.A. Schultes	Seashore bindweed	G5	SE?		
<i>Cardamine douglassii</i> Britt.	Purple cress	G5	S3		
<i>Cardamine longii</i> Fern.	Long's bittercress	G3Q	S3		
<i>Carex brunnescens</i> (Pers.) Poin. var. <i>sphaerostachya</i> (Tuckerman) Kükenth. syn: <i>Carex brunnescens</i> (Pers.) Poin. ssp. <i>sphaerostachya</i> (Tuckerman) Kalela	Brownish sedge	G5T5	SU		
<i>Carex bushii</i> Mackenzie	Bush's sedge	G4	S3		
<i>Carex canescens</i> L. ssp. <i>disjuncta</i> (Fern.) Toivonen	Silvery sedge	G5T4?	S3		
<i>Carex careyana</i> Torr. ex Dewey	Carey's sedge	G5	S3		
<i>Carex cherokeensis</i> Schweinitz	Cherokee sedge	G4G5	SE?		
<i>Carex collinsii</i> Nutt.	Collins' sedge	G4	S3		
<i>Carex conjuncta</i> Boott	Soft fox sedge	G4G5	S3		
<i>Carex debilis</i> Michx. var. <i>intercursa</i> Fern.	A sedge	G5T?	SU		
<i>Carex debilis</i> Michx. var. <i>interjecta</i> Bailey	White-edge sedge	G5T?	SU		
<i>Carex floridana</i> Schwein. syn: <i>Carex nigromarginata</i> Schwein. var. <i>floridana</i> (Schwein.) Kükenth.	A sedge	G5?	S3		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Carex gravida</i> Bailey var. <i>lunelliana</i> (Mackenzie) F.J. Herm.	Heavy sedge	G5T?	SE?		
<i>Carex hirtifolia</i> Mackenzie	Pubescent sedge	G5	S3		
<i>Carex leptonevia</i> (Fern.) Fern.	Finely-nerved sedge	G4	S3		
<i>Carex lucorum</i> Willd. ex Link var. <i>australucorum</i> J. Rettig	Appalachian woodland sedge	G4T3?	S3		
syn: <i>C. pennsylvanica</i> Lam. var. <i>distans</i> Peck					
<i>Carex meadii</i> Dewey	Mead's sedge	G4G5	S3		
<i>Carex mesochorea</i> Mackenzie	Midland sedge	G4G5	SU		
<i>Carex molesta</i> Mackenzie ex Bright	Troublesome sedge	G4	SU		
<i>Carex muehlenbergii</i> Schkuhr ex Willd. var. <i>enervis</i> Boott	A sedge	G5T5	SU		
Under <i>C. muhlenbergii</i> Schkuhr ex Willd. in Radford <i>et al.</i> (1968)					
<i>Carex pedunculata</i> Muhl. ex Willd.	Longstalk sedge	G5	S3		
<i>Carex ruthii</i> Mackenzie	Ruth's sedge	G3	S3		
Under <i>C. muricata</i> L. in Harvill <i>et al.</i> (1992) and Radford <i>et al.</i> (1968)					
<i>Carex shortiana</i> Dewey	Short's sedge	G5	S3		
<i>Carex striata</i> Michx. var. <i>brevis</i> Bailey	A sedge	G4T4?	S3		
syn: <i>C. walteriana</i> Bailey var. <i>brevis</i> (Bailey) Bailey					
All Virginia <i>C. striata</i> is var. <i>brevis</i>					
<i>Carex suberecta</i> (Olney) Britt.	Prairie straw sedge	G4	S3		
<i>Carex tetanica</i> Schkuhr	Rigid sedge	G4G5	S3		
<i>Carex tribuloides</i> Wahlenberg var. <i>sangamonensis</i> Clokey	A sedge	G5T?	SR		
<i>Carex trisperma</i> Dewey var. <i>trisperma</i>	Three-seed sedge	G5T?	S3		
<i>Carex venusta</i> Dewey var. <i>minor</i> Boeckl.	Dark green sedge	G4T4	S3?		
<i>Carex venusta</i> Dewey var. <i>venusta</i>	Dark green sedge	G4T?	S3?		
<i>Castilleja coccinea</i> (L.) Spreng.	Eastern Indian-paintbrush	G5	S3		
<i>Caulophyllum giganteum</i> (Farw.) Loconte & Blackwell	Blue cohosh	G3G5Q	SU		
<i>Ceanothus americanus</i> L. var. <i>intermedius</i> (Pursh) Torr. & Gray	New Jersey tea	G5T?	SU		
<i>Cenchrus carolinianus</i> Walt.	Coast sandbur	G5	S3		
syn: <i>C. incertus</i> M.A. Curtis					
<i>Chaerophyllum procumbens</i> (L.) Crantz var. <i>shortii</i> Torr. & Gray	Short's spreading chervil	G5T3T4Q	SU		
<i>Chamaecrista fasciculata</i> (Michx.) Greene var. <i>macrosperma</i> (Fern.) C.F. Reed	Marsh senna	G5T3	S3		
syn: <i>Cassia fasciculata</i> Michx. var. <i>macrosperma</i> Fern.					
<i>Chamaecyparis thyoides</i> (L.) B.S.P.	Atlantic white-cedar	G4	S3		
<i>Chasmanthium sessiliflorum</i> (Poir.) Yates	Long-leaf spikegrass	G5T5	S3		
syn: <i>C. laxum</i> (L.) Yates var. <i>sessiliflorum</i> (Poir.) L. Clark					

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
syn: <i>Uniola sessiliflora</i> Poir. <b><i>Chenopodium desiccatum</i> A. Nels.</b> Under <i>C. pratericola</i> Rydberg in Harvill <i>et al.</i> (1992)	Narrow-leaf goosefoot	G5	SU		
<b><i>Chenopodium simplex</i> (Torr.) Raf.</b> Under <i>C. hybridum</i> L. in Fernald (1950), syn: <i>C. gigantospermum</i> Aellen	Giant-seed goosefoot	G5	S3		
<b><i>Cicuta mexicana</i> Coult. &amp; Rose</b>  Under <i>C. maculata</i> L. var. <i>maculata</i> in Kartesz (1999), Under <i>C. maculata</i> L. var. <i>curtissii</i> (Coult. & Rose) Fern. in Fernald (1950)	Mexican water-hemlock	G3G5	SU		
<b><i>Cinna latifolia</i> (Trev. ex Goepp.) Griseb.</b>	Slender wood reedgrass	G5	S3		
<b><i>Clematis coactilis</i> (Fern.) Keener</b>	Virginia white-haired leatherflower	G3	S3		
<b><i>Clematis crispa</i> L.</b>	Southern leatherflower	G5	S3		
<b><i>Corallorrhiza wisteriana</i> Conrad</b>	Spring coralroot	G5	S3		
<b><i>Coreopsis pubescens</i> Ell. var. <i>pubescens</i></b>	Star tickseed	G5?T?	SU		
<b><i>Coreopsis pubescens</i> Ell. var. <i>robusta</i> Gray &amp; Eames</b>	Star tickseed	G5?T3?	SU		
<b><i>Cornus amomum</i> P. Mill. ssp. <i>obliqua</i> (Raf.) J.S. Wilson</b> syn: <i>C. obliqua</i> Raf.	Silky dogwood	G5T5	SU		
<b><i>Crataegus chrysocarpa</i> Ashe</b>	Fineberry hawthorn	G5	SU		
<b><i>Crataegus disperma</i> Ashe</b>	A hawthorn	G4?	SU		
<b><i>Crataegus iracunda</i> Beadle</b> Included in <i>C. flabellata</i> (Bosc.) K. Koch. in Radford <i>et al.</i> (1968)	A hawthorn	G5	SU		
<b><i>Crataegus margarettiae</i> Ashe</b>	A hawthorn	G5?	SU		
<b><i>Crataegus marshallii</i> Egglest.</b>	Parsley-leaved hawthorn	G5	S3		
<b><i>Crataegus vailiae</i> Britt.</b>	A hawthorn	G4?Q	SU		
<b><i>Croptilon divaricatum</i> (Nutt.) Raf.</b> syn: <i>Haplopappus divaricatus</i> (Nutt.) Gray	Scratch-daisy	G4G5	S3		
<b><i>Croton monanthogynus</i> Michx.</b>	Prairie-tea	G5	S3		
<b><i>Cymophyllus fraserianus</i> (Ker-Gawl.) Kartesz &amp; Ghandi</b> syn: <i>C. fraseri</i> (Andr.) Mackenzie ex Britt.	Fraser's sedge	G4	S3		
<b><i>Cyperus haspan</i> L.</b>	Sheathed flatsedge	G5	S3		
<b><i>Cyperus refractus</i> Engelm. ex Boeckl.</b>	Reflexed flatsedge	G5	S3		
<b><i>Cypripedium parviflorum</i> Salisb. var. <i>parviflorum</i></b>  Under <i>C. calceolus</i> L. in Harvill <i>et al.</i> (1992), Under <i>C. calceolus</i> L. var. <i>pubescens</i> (Willd.) Correll in Radford <i>et al.</i> (1968), syn: <i>C. parviflorum</i> Salisb.,	Small yellow lady's-slipper	G5T?	SU		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
syn: <i>C. calceolus</i> L. var. <i>parviflorum</i> (Salisb.) Fern.					
<b><i>D. sericea</i> Nutt. var. <i>epilis</i> (Scribn.) Gleason</b>	<b>Bog oat-grass</b>	<b>G3?</b>	<b>SU</b>		
syn: <i>D. epilis</i> Scribn.					
<b><i>Delphinium exaltatum</i> Ait.</b>	<b>Tall larkspur</b>	<b>G3</b>	<b>S3</b>		
<b><i>Descurainia pinnata</i> (Walt.) Britt. var. <i>pinnata</i></b>	<b>Pinnate tansy-mustard</b>	<b>G5</b>	<b>S3?</b>		
<b><i>Desmodium ciliare</i> (Muhl. ex Willd.) DC. var. <i>lancifolium</i> Fern. &amp; Schub.</b>	<b>Hairy small-leaved tick-trefoil</b>	<b>G5T1T3Q</b>	<b>SU</b>		
<b><i>Desmodium fernaldii</i> Schub.</b>	<b>Fernald's tick-trefoil</b>	<b>G4</b>	<b>S3</b>		
<b><i>Desmodium lineatum</i> DC.</b>	<b>A tick-trefoil</b>	<b>G5</b>	<b>S3</b>		
<b><i>Desmodium paniculatum</i> (L.) DC. var. <i>epetiolatum</i> Schub.</b>	<b>Narrow-leaf tick-trefoil</b>	<b>G5TU</b>	<b>SU</b>		
<b><i>Diarrhena americana</i> Beauv.</b>	<b>American beakgrain</b>	<b>G4?</b>	<b>S3</b>		
Does not include <i>D. obovata</i> (Gleason) Brandenburg					
<b><i>Dichanthelium mattamuskeetense</i> (Ashe) Mohlenbr.</b>	<b>Mattamuskeet panic grass</b>	<b>G5T?</b>	<b>S3</b>		
syn: <i>Panicum dichotomum</i> L. var. <i>clutei</i> (Nash) C.F. Reed					
syn: <i>Panicum mattamuskeetense</i> Ashe, Under <i>D. dichotomum</i> (L.) Gould in Harvill et al. (1992), Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999).					
<b><i>Dichanthelium dichotomum</i> (L.) Gould var. <i>nitidum</i> (Lam.) R.J. LeBlond</b>	<b>Shining panic grass</b>	<b>G5T?</b>	<b>SU</b>		
syn: <i>Panicum dichotomum</i> L. var. <i>nitidum</i> (Lam.) Wood					
syn: <i>Panicum nitidum</i> Lam.					
Under <i>D. dichotomum</i> (L.) Gould in Harvill et al. (1992),					
Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999)					
<b><i>Dichanthelium leucothrix</i> (Nash) Freckmann</b>	<b>Roughish panic grass</b>	<b>G4?Q</b>	<b>SU</b>		
syn: <i>Panicum leucothrix</i> Nash					
<b><i>Dichanthelium oligosanthos</i> (J.A. Schultes) Gould var. <i>oligosanthos</i></b>	<b>Few-flowered panic grass</b>	<b>G5T5?</b>	<b>S3</b>		
syn: <i>Panicum oligosanthos</i> J.A. Schultes					
<b><i>Dichanthelium ravenelii</i> (Scribn. &amp; Merr.) Gould</b>	<b>Ravenel's panic grass</b>	<b>G5</b>	<b>S3</b>		
syn: <i>Panicum ravenelii</i> Scribn. & Merr.					
<b><i>Dichanthelium scabriusculum</i> (Ell.) Gould &amp; C.A. Clark</b>	<b>Tall swamp panic grass</b>	<b>G4</b>	<b>S3</b>		
syn: <i>Panicum scabriusculum</i> Ell.					
syn: <i>Panicum aculeatum</i> A.S. Hitchc. & Chase, Includes <i>Panicum cryptanthum</i> Ashe					
<b><i>Dichanthelium species</i> (syn: <i>chamaelonche</i>)</b>	<b>Carpet panic grass</b>	<b>G?</b>	<b>SU</b>		
syn: <i>Panicum chamaelonche</i> Trin., Under <i>D. dichotomum</i> (L.) Gould var. <i>ensifolium</i> (Baldw. ex Ell.) Gould & C.A. Clark in Kartesz (1994)					

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<b><i>Dichanthelium species</i> (syn: <i>fusiforme</i>)</b>  syn: <i>Panicum fusiforme</i> A.S. Hitchc., Under <i>D. aciculare</i> (Desv. ex Poir.) Gould & C.A. Clark in Kartesz (1999)	<b>Spindle-fruited panic grass</b>	<b>G?</b>	<b>SU</b>		
<b><i>Dichanthelium species</i> (syn: <i>lancearium</i>)</b>  syn: <i>Panicum lancearium</i> Trin., Includes <i>Panicum lancearium</i> Trin. var. <i>patulum</i> (Scribn. & Merr.) Fern., Under <i>D. sabulorum</i> (Lam.) Gould & C.A. Clark var. <i>patulum</i> (Scribn. & Merr.) Gould & C.A. Clark in Kartesz (1999)	<b>A panic grass</b>	<b>G?</b>	<b>SU</b>		
<b><i>Dichanthelium spretum</i> (J.A. Schultes) Freckmann</b>  syn: <i>Panicum spretum</i> J.A. Schultes	<b>Eaton's panic grass</b>	<b>G5</b>	<b>SU</b>		
<b><i>Dichanthelium villosissimum</i> (Nash) Freckmann var. <i>villosissimum</i></b>  syn: <i>Panicum villosissimum</i> Nash, Includes <i>Panicum villosissimum</i> Nash var. <i>pseudopubescens</i> (Nash) Fern.	<b>White-haired panic grass</b>	<b>G5T5</b>	<b>SU</b>		
<b><i>Dichanthelium wrightianum</i> (Scribn.) Freckmann</b>  syn: <i>Panicum wrightianum</i> Scribn.	<b>Wright's panic grass</b>	<b>G4</b>	<b>SU</b>		
<b><i>Dichanthelium yadkinense</i> (Ashe) Mohlenbr.</b>  syn: <i>Panicum dichotomum</i> L. var. <i>yadkinense</i> (Ashe) Lelong, syn: <i>Panicum yadkinense</i> Ashe Under <i>D. dichotomum</i> (L.) Gould in Harvill <i>et al.</i> (1992), Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999)	<b>Spotted-sheath panic grass</b>	<b>G5T?</b>	<b>SU</b>		
<b><i>Dicliptera brachiata</i> (Pursh) Spreng.</b>	<b>Wild mudwort</b>	<b>G5</b>	<b>S3</b>		
<b><i>Digitaria villosa</i> (Walt.) Pers.</b>  syn: <i>D. filiformis</i> (L.) Koeler var. <i>villosa</i> (Walt.) Fern.	<b>Shaggy crabgrass</b>	<b>G5</b>	<b>SU</b>		
<b><i>Diodia virginiana</i> L. var. <i>attenuata</i> Fern.</b>	<b>Virginia buttonweed</b>	<b>G5T?</b>	<b>SU</b>		
<b><i>Diphyllia cymosa</i> Michx.</b>	<b>Umbrella-leaf</b>	<b>G4</b>	<b>S3</b>		
<b><i>Dodecatheon meadia</i> L. var. <i>brachycarpum</i> (Small) Fassett</b>  syn: <i>D. meadia</i> L. ssp. <i>brachycarpum</i> (Small) R. Kunth.	<b>A shooting-star</b>	<b>G5T?</b>	<b>SU</b>		
<b><i>Drosera brevifolia</i> Pursh</b>  syn: <i>D. leucantha</i> Shinners	<b>Dwarf sundew</b>	<b>G5</b>	<b>S3</b>		
<b><i>Drosera capillaris</i> Poir.</b>	<b>Pink sundew</b>	<b>G5</b>	<b>S3</b>		
<b><i>Drosera intermedia</i> Hayne</b>	<b>Spoon-leaved sundew</b>	<b>G5</b>	<b>S3</b>		
<b><i>Dryopteris campyloptera</i> Clarkson</b>  syn: <i>D. spinulosa</i> (O.F. Muell.) Watt var. <i>americana</i> (Fisch.) Fern.	<b>Mountain wood-fern</b>	<b>G5</b>	<b>S3</b>		
<b><i>Echinodorus cordifolius</i> (L.) Griseb.</b>	<b>Upright burhead</b>	<b>G5</b>	<b>S3</b>		
<b><i>Eleocharis albida</i> Torr.</b>	<b>White spikerush</b>	<b>G4G5</b>	<b>S3</b>		
<b><i>Eleocharis rostellata</i> (Torr.) Torr.</b>	<b>Beaked spikerush</b>	<b>G5</b>	<b>S3</b>		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<b><i>Eleocharis smallii</i> Britt.</b> Under <i>E. palustris</i> in Radford <i>et al.</i> (1968) and Harvill <i>et al.</i> (1992)	Creeping spikerush	G5?	S3?		
<b><i>Eleocharis tenuis</i> (Willd.) J.A. Schultes var. <i>verrucosa</i> (Svens.) Svens.</b> syn: <i>E. verrucosa</i> (Svens.) L. Harms	Slender spikerush	G5T3T5	SU		
<b><i>Epilobium strictum</i> Muhl. ex Spreng.</b>	Downy willow-herb	G5?	SU		
<b><i>Eragrostis pectinacea</i> (Michx.) Nees ex Steud.</b>	Western lovegrass	G5	SU		
<b><i>Erigenia bulbosa</i> (Michx.) Nutt.</b>	Harbinger-of-spring	G5	S3		
<b><i>Erigeron quercifolius</i> Lam.</b>	Oak-leaf fleabane	G5	SE?		
<b><i>Erigeron strigosus</i> Muhl. ex Willd. var. <i>beyrichii</i> (Fisch. &amp; C.A. Mey.) Torr. &amp; Gray ex Gray</b> Under <i>E. strigosus</i> Muhl. ex Willd. in Radford <i>et al.</i> (1968)	Daisy fleabane	G5T?	SU		
<b><i>Eriocaulon compressum</i> Lam.</b>	Flattened pipewort	G5	SR		
<b><i>Eriophorum virginicum</i> L.</b>	Tawny cotton-grass	G5	S3		
<b><i>Eupatorium anomalum</i> Nash</b>	Anomalous eupatorium	G2G3	SU		
<b><i>Eupatorium cordigerum</i> (Fern.) Fern.</b> Under <i>E. rotundifolium</i> L. var. <i>cordigerum</i> Fern. in Kartesz (1994), Under <i>E. rotundifolium</i> L. var. <i>ovatum</i> (Bigelow) Torr. in Radford <i>et al.</i> (1968)	A thoroughwort	G5T?	SU		
<b><i>Eupatorium linearifolium</i> Walt.</b> Under <i>E. glaucescens</i> Ell. in Kartesz (1999), Under <i>E. cuneifolium</i> Willd. in Radford <i>et al.</i> (1968)	A thoroughwort	G?	SU		
<b><i>Eupatorium vaseyi</i> Porter</b> Under <i>E. godfreyanum</i> Cronq. in Harvill <i>et al.</i> (1992), syn: <i>E. sessilifolium</i> L var. <i>vaseyi</i> (Porter) Fern. & Grisc., syn: <i>E. album</i> L. var. <i>monardifolia</i> Fern.	Vasey's thoroughwort	G?Q	SU		
<b><i>Euphorbia pubentissima</i> Michx.</b>	Southern flowering spurge	G5	SU		
<b><i>Euphorbia spathulata</i> Lam.</b> Included with <i>E. obtusata</i> Pursh in Harvill <i>et al.</i> (1992).	Reticulate-seeded spurge	G5	SU		
<b><i>Eurybia chlorolepis</i> (Burgess) Nesom</b> syn: <i>Aster chlorolepis</i> Burgess syn: <i>A. divaricatus</i> L. var. <i>chlorolepis</i> (Burgess) Ahles Under <i>A. divaricatus</i> L. in Fernald (1950)	Blue Ridge white woodland aster	G4	S3		
<b><i>Eurybia spectabilis</i> (Ait.) Nesom</b> syn: <i>Aster spectabilis</i> Ait. var. <i>spectabilis</i> and var. <i>suffultus</i> Fern. Under <i>A. spectabilis</i> Ait. in Radford <i>et al.</i> (1968)	Showy aster	G5T?	S3		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Euthamia hirtipes</i> (Fern.) Sieren syn: <i>E. graminifolia</i> (L.) Nutt. var. <i>hirtipes</i> (Fern.) C.&J. Taylor	Grass-leaved goldenrod	G5T?	SU		
<i>Fimbristylis caroliniana</i> (Lam.) Fern. Under <i>F. spadicea</i> (L.) Vahl. in Radford <i>et al.</i> (1968)	Carolina fimbry	G4	S3		
<i>Floerkea proserpinacoides</i> Willd.	False mermaid-weed	G5	S3		
<i>Fraxinus nigra</i> Marsh.	Black ash	G5	S3		
<i>Fraxinus quadrangulata</i> Michx.	Blue ash	G5	S3		
<i>Galium boreale</i> L.	Northern bedstraw	G5	S3		
<i>Galium hispidulum</i> Michx.	Coast bedstraw	G5	S3		
<i>Galium orizabense</i> Hemsl. ssp. <i>laevicaule</i> (Weatherby & Blake) Dempster syn: <i>G. pilosum</i> Ait. var. <i>laevicaule</i> Weatherby & Blake	A bedstraw	G5?T4?	SU		
<i>Galium tinctorium</i> (L.) Scop. var. <i>floridanum</i> Wieg. Included within <i>Galium tinctorium</i> by Radford <i>et al.</i> (1968) and Kartesz (1999)	Stiff marsh bedstraw	G5T?	SU		
<i>Gaylussacia dumosa</i> (Andr.) Torr. & Gray var. <i>bigeloviana</i> Fern. Included within <i>Gaylussacia dumosa</i> by Radford <i>et al.</i> (1968)	Huckleberry	G5T4T5	SU		
<i>Gentiana austromontana</i> Pringle & Sharp	Appalachian gentian	G3	S3?		
<i>Glandularia canadensis</i> (L.) Nutt. syn: <i>Verbena canadensis</i> (L.) Britt.	Rose vervain	G5	SE?		
<i>Glaux maritima</i> L.	Sea milkwort	G5	SU		
<i>Glyceria acutiflora</i> Torr.	Sharp-scaled mannagrass	G5	S3		
<i>Glyceria canadensis</i> (Michx.) Trin.	Canada mannagrass	G5	S3		
<i>Gratiola virginiana</i> L. var. <i>aestuariorum</i> Pennell	Roundfruit hedge-hyssop	G4G5T?	SU		
<i>Gymnocarpium appalachianum</i> Pryer Under <i>G. dryopteris</i> (L.) Newman in Harvill <i>et al.</i> (1992)	Appalachian oak fern	G3	S3		
<i>Gymnocladus dioicus</i> (L.) K. Koch	Kentucky coffee-tree	G5	S3		
<i>Gymnopogon brevifolius</i> Trin.	Short-leaved beardgrass	G5	S3		
<i>Habenaria repens</i> Nutt.	Water-spider orchis	G5	SR		
<i>Helianthus hirsutus</i> Raf.	Stiff-hair sunflower	G5	S3		
<i>Heliopsis helianthoides</i> (L.) Sweet var. <i>scabra</i> (Dunal) Fern.	Smooth oxeye	G5T?	SU		
<i>Heuchera hispida</i> Pursh	Purple alumroot	G5T3?	S3?		
<i>Heuchera parviflora</i> Bartl.	Small-flowered alumroot	G4	S3		
<i>Hexalectris spicata</i> (Walt.) Barnh.	Crested coralroot	G5	S3		
<i>Hexastylis lewisii</i> (Fern.) Blomquist & Oosting	Lewis' heartleaf	G4	S3		
<i>Hieracium venosum</i> L. var. <i>venosum</i>	Rattlesnake-weed	G5T?	SU		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Hottonia inflata</i> Ell.	Featherfoil	G4	S3		
<i>Humulus lupulus</i> L. var. <i>pubescens</i> E. Small	Midwestern hops	G5T4?	SE?		
<i>Hydrastis canadensis</i> L.	Golden-seal	G4	S3		
<i>Hydrolea quadrivalvis</i> Walt.	Water-pod	G5	S3		
<i>Hypericum drummondii</i> (Grev. & Hook.) Torr. & Gray	Drummond's St. John's-wort	G5	S3		
<i>Hypericum mitchellianum</i> Rydb.	Blue Ridge St. John's-wort	G3	S3		
<i>Hypericum virgatum</i> Lam. syn: <i>H. denticulatum</i> Walt. var. <i>acutifolium</i> (Ell.) Blake	A St. John's-wort	G4?	S3		
<i>Hypoxis wrightii</i> (Baker) Brackett syn: <i>Hypoxis micrantha</i> Pollard	Bristle-seed yellow star-grass	G4	SU		
<i>Ilex beadlei</i> Ashe Under <i>I. ambigua</i> (Michx.) Torr. in Kartesz (1999) and Radford et al. (1968)	Beadle's holly	GUQ	SU		
<i>Ilex vomitoria</i> Ait.	Yaupon holly	G5	S3		
<i>Iresine rhizomatosa</i> Standl.	Eastern bloodleaf	G5	S3		
<i>Iris prismatica</i> Pursh ex Ker-Gwal.	Slender blueflag	G4G5	S3		
<i>Iris versicolor</i> L.	Blueflag	G5	S3		
<i>Isoetes mattaponica</i> L.J. Musselman & W.C. Taylor	A quillwort	G?	SU		
<i>Isoetes riparia</i> Engelm. ex A. Braun	River-bank quillwort	G5?	S3		
<i>Isolepis carinata</i> Hooker & Arnott ex Torr. syn: <i>Isolepis koilolepis</i> Steud. syn: <i>Scirpus koilolepis</i> (Steud.) Gleason	Clubrush	G5	SE?		
<i>Juglans cinerea</i> L.	Butternut	G3G4	S3?		
<i>Juncus longii</i> Fern.	Long's rush	G3G4Q	S3?		
<i>Juncus validus</i> Coville syn: <i>J. crassifolius</i> Buch.	A rush	G5	SE?		
<i>Justicia ovata</i> (Walt.) Lindau var. <i>ovata</i> Given as <i>J. lanceolata</i> (Chapman) Small in Harvill et al. (1992)	Ovate water-willow	G5T?	S3		
<i>Krigia caespitosa</i> (Raf.) Chambers syn: <i>K. oppositifolia</i> Raf.	Dwarf-dandelion	G5	SU		
<i>Lactuca canadensis</i> L. var. <i>obovata</i> Wieg.	Wild lettuce	G5T?	SU		
<i>Lactuca hirsuta</i> Muhl. ex Nutt. var. <i>hirsuta</i>	Hairy lettuce	G4?T?	SU		
<i>Lathyrus pusillus</i> Ell.	Low peavine	G5?	SE?		
<i>Lechea maritima</i> Leggett ex B.S.P. var. <i>maritima</i>	Beach pinweed	G5T?	SU		
<i>Lechea maritima</i> Leggett ex B.S.P. var. <i>virginica</i> Hodgon	Virginia beach pinweed	G5T3Q	S3		
<i>Lemna minuta</i> Kunth	Pale duckweed	G4	SU		
<i>Leptochloa fascicularis</i> (Lam.) Gray var. <i>maritima</i> (Bickn.) Gleason syn: <i>Diplachne maritima</i> Bickn. All Virginia <i>L. fascicularis</i> is var. <i>maritima</i>	Long-awned sprangletop	G5T3T4	S3		
<i>Leptochloa mucronata</i> (Michx.) Kunth	Red sprangletop	G5	SE?		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
syn: <i>L. filiformis</i> (Lam.) Beauv.					
<b><i>Leptochloa panicoides</i> (J. Presl) A.S. Hitchc.</b>	<b>Amazon sprangletop</b>	<b>G5</b>	<b>SE?</b>		
syn: <i>Diplachne panicoides</i> (J. Presl) McNeill					
<b><i>Liatris aspera</i> Michx.</b>	<b>Tall blazing-star</b>	<b>G4G5</b>	<b>S3</b>		
<b><i>Liatris squarrosa</i> (L.) Michx. var. <i>gracilentata</i> Gaiser</b>	<b>Scaly blazing star</b>	<b>G5T?</b>	<b>SU</b>		
Under <i>L. squarrosa</i> (L.) Michx. var. <i>squarrosa</i> in Kartesz (1999)					
<b><i>Liatris squarrosa</i> (L.) Michx. var. <i>hirsuta</i> (Rydb.) Gaiser</b>	<b>Scaly blazing star</b>	<b>G5T4?</b>	<b>SU</b>		
<b><i>Liatris squarrulosa</i> Michx.</b>	<b>Appalachian blazing-star</b>	<b>G4G5</b>	<b>SU</b>		
Under <i>L. aspera</i> Michx. in Harvill et al. (1992), syn: <i>L. earlei</i> (Greene) K. Schum.					
<b><i>Lilium philadelphicum</i> L. var. <i>philadelphicum</i></b>	<b>Wood lily</b>	<b>G5T?</b>	<b>S3</b>		
All Virginia <i>L. philadelphicum</i> is var. <i>philadelphicum</i>					
<b><i>Lindera subcoriacea</i> B.E. Wofford</b>	<b>Bog spicebush</b>	<b>G2</b>	<b>SU</b>		
<b><i>Linum floridanum</i> (Planch.) Trel.</b>	<b>Florida yellow flax</b>	<b>G4</b>	<b>SU</b>		
syn: <i>L. virginianum</i> L. var. <i>floridanum</i> Planch.					
<b><i>Linum sulcatum</i> Riddell var. <i>sulcatum</i></b>	<b>Grooved yellow flax</b>	<b>G5T5</b>	<b>S3</b>		
All Virginia <i>L. sulcatum</i> is var. <i>sulcatum</i>					
<b><i>Listera smallii</i> Wieg.</b>	<b>Kidneyleaf twayblade</b>	<b>G4</b>	<b>S3</b>		
<b><i>Lithospermum latifolium</i> Michx.</b>	<b>American gromwell</b>	<b>G4</b>	<b>S3</b>		
<b><i>Lithospermum tuberosum</i> Rugel ex DC.</b>	<b>Tuberous gromwell</b>	<b>G4</b>	<b>S3</b>		
<b><i>Lobelia glandulosa</i> Walt.</b>	<b>Glandular lobelia</b>	<b>G4G5</b>	<b>SU</b>		
<b><i>Lonicera canadensis</i> Bartr. ex Marsh.</b>	<b>American fly-honeysuckle</b>	<b>G5</b>	<b>S3</b>		
<b><i>Ludwigia glandulosa</i> Walt.</b>	<b>Cylindric-fruited seedbox</b>	<b>G5</b>	<b>S3</b>		
<b><i>Ludwigia leptocarpa</i> (Nutt.) Hara</b>	<b>River seedbox</b>	<b>G5</b>	<b>S3</b>		
<b><i>Ludwigia polycarpa</i> Short &amp; Peter</b>	<b>A seedbox</b>	<b>G4</b>	<b>SU</b>		
<b><i>Ludwigia sphaerocarpa</i> Ell.</b>	<b>Globe-fruited seedbox</b>	<b>G5</b>	<b>S3</b>		
<b><i>Lycopodium annotinum</i> L.</b>	<b>Stiff clubmoss</b>	<b>G5</b>	<b>S3?</b>		
Varieties of <i>Lycopodium annotinum</i> not recognized					
<b><i>Lycopodium dendroideum</i> Michx.</b>	<b>Treelike clubmoss</b>	<b>G5</b>	<b>S3</b>		
syn: <i>L. obscurum</i> var. <i>dendroideum</i>					
<b><i>Lycopodium hickeyi</i> W.H. Wagner, Beitel &amp; Moran</b>	<b>Hickey's clubmoss</b>	<b>G5</b>	<b>S3?</b>		
<b><i>Lycopus angustifolius</i> Ell.</b>	<b>Southern bog bugleweed</b>	<b>G4?Q</b>	<b>SU</b>		
<b><i>Lygodium palmatum</i> (Bernh.) Sw.</b>	<b>Climbing fern</b>	<b>G4</b>	<b>S3</b>		
<b><i>Malaxis bayardii</i> Fern.</b>	<b>Appalachian adder's-mouth</b>	<b>G2</b>	<b>SU</b>		
Under <i>M. unifolia</i> Michx. in Radford et al. (1968)					
<b><i>Malaxis spicata</i> Sw.</b>	<b>Florida adder's-mouth</b>	<b>G4?</b>	<b>S3</b>		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
syn: <i>M. floridana</i> (Chapman) Kuntze <b><i>Meehanian cordata</i> (Nutt.) Britt.</b>	Heartleaf meehania	G5	S3		
<b><i>Melampyrum lineare</i> Desr. var. <i>pectinatum</i> (Pennell) Fern.</b>	Cow-wheat	G5T5	SU		
<b><i>Milium effusum</i> L.</b>	Tall millet-grass	G5	S3		
<b><i>Minuartia patula</i> (Michx.) Mattf. var. <i>patula</i></b> syn: <i>Arenaria patula</i> Michx. All Virginia <i>M. patula</i> is var. <i>patula</i>	Pitcher's stitchwort	G4T?	S3		
<b><i>Modiola caroliniana</i> (L.) G. Don</b>	Bristly-fruited mallow	G5	SE		
<b><i>Monarda fistulosa</i> L. var. <i>brevis</i> Fosberg &amp; Artz</b> syn: <i>Monarda fistulosa</i> L. ssp. <i>brevis</i> (Fosberg & Artz) Scora, comb. nov. ined.	Smoke Hole bergamot	G5T1	SU		
<b><i>Monotropsis odorata</i> Schwein. ex Ell.</b>	Sweet pinesap	G3	S3		
<b><i>Muhlenbergia tenuiflora</i> (Willd.) B.S.P. var. <i>variabilis</i> (Scribn.) Pohl</b>	Slender muhly	G5T?	SU		
<b><i>Myriophyllum pinnatum</i> (Walt.) B.S.P.</b>	Cutleaf water-milfoil	G5	S3		
<b><i>Myriophyllum sibiricum</i> Komarov</b>	Common water-milfoil	G5	SU		
<b><i>Najas guadalupensis</i> (Spreng.) Magnus var. <i>muenscheri</i> (Clausen) Haynes</b> syn: <i>N. muenscheri</i> Clausen	Southern naiad	G5T2?	SU		
<b><i>Nelumbo lutea</i> Willd.</b>	American lotus	G4	S3		
<b><i>Nothoscordum bivalve</i> (L.) Britt.</b> syn: <i>Allium bivalve</i> (L.) Kuntze	Crow-poison	G4	SE?		
<b><i>Oenothera linifolia</i> Nutt.</b>	Flax-leaved sundrops	G5	SU		
<b><i>Oenothera nutans</i> Atkinson &amp; Bartlett</b> syn: <i>O. austromontana</i> (Munz.) Raven, W. Dietr. & Stubbe	Nodding evening-primrose	G4	S3		
<b><i>Oenothera oakesiana</i> (Gray) J.W. Robbins ex S. Wats. &amp; Coult.</b> syn: <i>O. parviflora</i> L. var. <i>oakesiana</i> (Gray) Fern.	Evening-primrose	G4G5Q	SU		
<b><i>Oenothera riparia</i> Nuttall</b> syn: <i>O. tetragona</i> Roth ssp. <i>glauca</i> (Michaux) Munz var. <i>riparia</i> (Nuttall) Munz, included in <i>O. fruticosa</i> L. by Radford et al. (1968)	Riverbank evening-primrose	G2Q	SU		
<b><i>Oligoneuron riddellii</i> (Frank ex Riddell) Rydberg</b> syn: <i>Solidago riddellii</i> Frank ex Riddell	Riddell Goldenrod	G5	SR		
<b><i>Ophioglossum engelmannii</i> Prantl</b>	Limestone adder's-tongue	G5	S3		
<b><i>Opuntia stricta</i> (Haw.) Haw. var. <i>stricta</i></b>	Erect prickly-pear	G4?T?	SU		
<b><i>Orbexilum pedunculatum</i> (P. Miller) Rydb. var. <i>pedunculatum</i></b> syn: <i>Psoralea psoralioides</i> (Walter) Cory var. <i>eglandulosa</i> (Ell.) Freeman	Western sampson's snakeroot	G5T5?	SU		
<b><i>Orobanche ludoviciana</i> Nutt.</b>	Louisiana broomrape	G5	SU		
<b><i>Oxalis priceae</i> Small ssp. <i>colorea</i> (Small) Eiten</b>	A wood-sorrel	G3G5T?	SU		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Packera paupercula</i> (Michx.) Á. & D. Löve syn: <i>Senecio pauperculus</i> Michx.	Balsam ragwort	G5	SU		
<i>Panax quinquefolius</i> L.	American ginseng	G3G4	S4		LT
<i>Panicum anceps</i> Michx. var. <i>rhizomatium</i> (A.S. Hitchc. & Chase) Fern. Under <i>P. anceps</i> Michx. in Kartesz (1999)	A panic grass	G5T?	SU		
<i>Panicum gattingeri</i> Nash	Gattinger's panic grass	G4	SU		
<i>Panicum rigidulum</i> Bosc ex Nees var. <i>combsii</i> (Scribn. & Ball) Lelong syn: <i>P. longifolium</i> Swallen var. <i>combsii</i> (Scribn. & Ball) Fern.	A panic grass	G5T?	S3?		
<i>Paronychia baldwinii</i> (Torr. & Gray) Fenzl ex Walp.ssp. <i>riparia</i> (Chapman) Chaudhri syn: <i>P. riparia</i> Torr. & Gray, All Virginia <i>P. baldwinii</i> is ssp. <i>riparia</i>	Baldwin's nailwort	G4T?	S3		
<i>Parthenium integrifolium</i> L. var. <i>henryanum</i> Mears	A feverfew	G5T?	SU		
<i>Parthenium integrifolium</i> L. var. <i>mabryanum</i> Mears	A feverfew	G5T3	SU		
<i>Parthenocissus vitacea</i> (Knerr) A.S. Hitchc.	Woodbine	G5	SU		
<i>Paspalum boscianum</i> Fluegge	Bull paspalum	G5	S3		
<i>Pedicularis lanceolata</i> Michx.	Swamp lousewort	G5	S3		
<i>Pellaea glabella</i> Mett. ex Kuhn ssp. <i>glabella</i> All Virginia <i>P. glabella</i> is ssp. <i>glabella</i>	Smooth cliff-brake	G5T5	S3		
<i>Peltandra sagittifolia</i> (Michx.) Morong syn: <i>P. leucospadix</i> Fern.	Spoon-flower	G3G4	SU		
<i>Phacelia purshii</i> Buckl.	Miami-mist	G5	S3		
<i>Philadelphus hirsutus</i> Nutt.	Streambank mock-orange	G5	S3		
<i>Phlox nivalis</i> Lodd. ex Sweet var. <i>henzii</i> (Nutt.) Wherry All Virginia <i>P. nivalis</i> is var. <i>henzii</i>	Trailing phlox	G4T?	S3		
<i>Physalis angulata</i> L. var. <i>angulata</i> All Virginia <i>P. angulata</i> is var. <i>angulata</i>	Cut-leaf ground-cherry	G5	SE?		
<i>Physostegia leptophylla</i> Small Given as <i>P. purpurea</i> (Walt.) Blake in Harvill et al. (1992), Given as <i>Dracocephalum purpureum</i> (Walt.) McClintock ex Gleason in Radford et al. (1968)	Slender-leaved dragon-head	G4?	S3		
<i>Phytolacca americana</i> L. var. <i>rigida</i> (Small) Caulkins & Wyatt	Seaside pokeweed	G5T5	SU		
<i>Plantago heterophylla</i> Nutt.	Slender plantain	G5	SE?		
<i>Platanthera flava</i> (L.) Lindl. var. <i>flava</i> syn: <i>Habenaria flava</i> (L.) R. Br. var. <i>flava</i>	Southern rein orchid	G4T4?Q	S3?		
<i>Platanthera flava</i> (L.) Lindl. var. <i>herbiola</i> (R. Br. ex Ait. f.) Luer	Tuberclad rein orchid	G4T4Q	S3?		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
syn: <i>Habenaria flava</i> (L.) R. Br. var. <i>herbiola</i> (R. Br.) Ames & Correll					
<b><i>Platanthera integrilabia</i> (Correll) Luer</b>	<b>White fringeless orchid</b>	<b>G2G3</b>	<b>SR</b>		
syn: <i>Habenaria blephariglottis</i> (Willd.) Hook. var. <i>integrilabia</i> Correll					
<b><i>Poa chapmaniana</i> Scribn.</b>	<b>Chapman bluegrass</b>	<b>G5</b>	<b>SE?</b>		
<b><i>Pogonia ophioglossoides</i> (L.) Ker-Gawl.</b>	<b>Rose pogonia</b>	<b>G5</b>	<b>S3</b>		
<b><i>Polygala cruciata</i> L. var. <i>aquilonia</i> Fern. &amp; Schub.</b>	<b>Crossleaf milkwort</b>	<b>G5T4</b>	<b>S3?</b>		
Included within <i>P. cruciata</i> L. in Radford <i>et al.</i> (1968)					
<b><i>Polygala cruciata</i> L. var. <i>cruciata</i></b>	<b>Crossleaf milkwort</b>	<b>G5T?</b>	<b>S3?</b>		
Included within <i>P. cruciata</i> L. in Radford <i>et al.</i> (1968)					
<b><i>Polygonella articulata</i> (L.) Meisn.</b>	<b>Eastern jointweed</b>	<b>G5</b>	<b>S3</b>		
<b><i>Polygonum cilinode</i> Michx.</b>	<b>Fringed black bindweed</b>	<b>G5</b>	<b>S3</b>		
<b><i>Polygonum ramosissimum</i> Michx. var. <i>prolificum</i> Small</b>	<b>Bushy knotweed</b>	<b>G5T4T5</b>	<b>S3</b>		
syn: <i>P. prolificum</i> (Small) Robins.					
<b><i>Polygonum setaceum</i> Baldw. var. <i>interjectum</i> Fern.</b>	<b>Swamp smartweed</b>	<b>G5T4</b>	<b>SU</b>		
Includes <i>P. setaceum</i> Baldw. var. <i>tonsum</i> Fern.					
<b><i>Polygonum tenue</i> Michx. var. <i>protrusum</i> Fern.</b>	<b>Slender knotweed</b>	<b>G5T?</b>	<b>SU</b>		
<b><i>Ponthieva racemosa</i> (Walt.) C. Mohr</b>	<b>Shadow-witch orchid</b>	<b>G4G5</b>	<b>S3</b>		
<b><i>Potamogeton friesii</i> Rupr.</b>	<b>Fries' pondweed</b>	<b>G4</b>	<b>SU</b>		
<b><i>Potamogeton perfoliatus</i> L.</b>	<b>Clasping-leaf pondweed</b>	<b>G5</b>	<b>S3</b>		
Given as <i>P. perfoliatus</i> L. var. <i>bupleuroides</i> (Fern.) Farw. in Harvill <i>et al.</i> (1992), Radford <i>et al.</i> (1968), and Fernald (1950)					
<b><i>Prenanthes roanensis</i> (Chickering) Chickering</b>	<b>Mountain rattlesnake-root</b>	<b>G3</b>	<b>S3</b>		
<b><i>Prosartes maculata</i> (Buckl.) Gray</b>	<b>Nodding mandarin</b>	<b>G3G4</b>	<b>S3</b>		
syn: <i>Disporum maculatum</i> (Buckl.) Britt.					
<b><i>Proserpinaca intermedia</i> Mackenzie</b>	<b>Intermediate mermaid-weed</b>	<b>G3G4Q</b>	<b>SU</b>		
<b><i>Prunus alleghaniensis</i> Porter var. <i>alleghaniensis</i></b>	<b>Alleghany plum</b>	<b>G4T4</b>	<b>S3</b>		
All Virginia <i>P. alleghaniensis</i> is var. <i>alleghaniensis</i>					
<b><i>Pycnanthemum beadlei</i> (Small) Fern.</b>	<b>Beadle's Mountain-mint</b>	<b>G2G4</b>	<b>SU</b>		
<b><i>Pycnanthemum incanum</i> (L.) Michx. var. <i>loomisii</i> (Nutt.) Fern.</b>	<b>Loomis' mountain-mint</b>	<b>G4?</b>	<b>SU</b>		
Under <i>P. incanum</i> (L.) Michx. in Radford <i>et al.</i> (1968)					
syn: <i>Pycnanthemum loomisii</i> Nutt.					
<b><i>Quercus laevis</i> Walt.</b>	<b>Turkey oak</b>	<b>G5</b>	<b>S3</b>		
<b><i>Quercus margarettiae</i> Ashe ex Small</b>	<b>Sand post oak</b>	<b>G5</b>	<b>S3</b>		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
syn: <i>Q. stellata</i> Wangenh. var. <i>margaretta</i> (Ashe ex Small) Sarg.					
<i>Quercus virginiana</i> P. Mill.	Live oak	G5	S3		
<i>Ranunculus flabellaris</i> Raf.	Yellow water crowfoot	G5	S3		
<i>Rhamnus lanceolata</i> Pursh var. <i>lanceolata</i>	Lance-leaved buckthorn	G5T4T5	S3		
<i>Rhododendron cumberlandense</i> E.L. Braun	Cumberland flame azalea	G4?	S3		
<i>Rhynchospora breviseta</i> (Gale) Channell	Short-bristle beaksedge	G3G4	SR		
<i>Rhynchospora caduca</i> Ell.	Falling beakrush	G5	S3		
<i>Rhynchospora cephalantha</i> Gray var. <i>cephalantha</i>	Capitate beakrush	G5T?	SU		
Does not include <i>R. cephalantha</i> Gray var. <i>attenuata</i> Gale (see rare list) or <i>R. cephalantha</i> Gray var. <i>pleiocephala</i> Fern. & Gale (watch list)					
<i>Rhynchospora cephalantha</i> Gray var. <i>pleiocephala</i> Fern. & Gale	Many-headed bunched beakrush	G5T?	S3		
<i>Rhynchospora rariflora</i> (Michx.) Ell.	Few-flowered beakrush	G5	S3		
<i>Ribes glandulosum</i> Grauer	Skunk currant	G5	S3		
<i>Ribes missouriensis</i> Nutt.	Missouri gooseberry	G5	SU		
<i>Robinia hispida</i> L. var. <i>kelseyi</i> (Cowell ex Hutchinson) Isely	Kelsey's locust	G5TUQ	SE?		
Under <i>R. hispida</i> L. in Harvill et al. (1992) syn: <i>R. kelseyi</i> Cowell ex Hutchinson					
<i>Robinia viscosa</i> Vent.	Clammy locust	G3	SU		
<i>Rosa blanda</i> Aiton	Smooth rose	G5	SU		
<i>Rubus alumnus</i> Bailey	Blackberry	G5	SU		
<i>Rubus baileyanus</i> Britt.	A bramble	G5	SU		
Under <i>R. flagellaris</i> in Radford et al. (1968)					
<i>Rubus celer</i> Bailey	A bramble	G5	SU		
Under <i>R. fecundus</i> Bailey in Kartesz (1999)					
<i>Rubus frondosus</i> Bigelow	A bramble	G5	SU		
<i>Rubus recurvicaulis</i> Blanch	A bramble	G4?	SU		
<i>Rubus setosus</i> Bigelow	Small bristleberry	G5	SU		
<i>Rudbeckia laciniata</i> L. var. <i>humilis</i> Gray	Cut-leaved coneflower	G5T3?	SU		
Under <i>R. laciniata</i> L. in Radford et al. (1968)					
<i>Ruellia humilis</i> Nutt.	Hairy wild-petunia	G5	S3		
<i>Sabatia brachiata</i> Ell.	Narrow-leaf rose-pink	G5?	S3		
<i>Sabatia calycina</i> (Lam.) Heller	Coastal rose-pink	G5?	S3		
<i>Sabatia dodecandra</i> (L.) B.S.P.	Large marsh rose-pink	G5?	S3		
<i>Sagittaria platyphylla</i> (Engelm.) J.G. Sm.	An arrowhead	G5	SU		
<i>Salix lucida</i> Muhl.	Shining willow	G5	SE?		
<i>Sanicula canadensis</i> L. var. <i>grandis</i> Fern.	Black snakeroot	G5TU	SU		
<i>Sanicula trifoliata</i> Bickn.	Large-fruited sanicle	G4	S3		
<i>Scirpus divaricatus</i> Ell.	Spreading bulrush	G5	S3		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Scirpus hattorianus</i> Makino	A bulrush	G5	S3		
<i>Scirpus lineatus</i> Michx. syn: <i>S. fontinalis</i> Harper Does not include <i>S. pendulus</i> Muhl.	Drooping bulrush	G4	S3		
<i>Scutellaria ovata</i> Hill ssp. <i>pseudoarguta</i> Epling  Given as <i>S. ovata</i> Hill var. <i>versicolor</i> (Nutt.) Fern. in Fernald (1950)	A heart-leaved skullcap	G5THQ	SU		
<i>Sesuvium maritimum</i> (Walt.) B.S.P.	Sea-purslane	G5	S3		
<i>Sibara virginica</i> (L.) Rollins	Virginia rockcress	G5	SU		
<i>Sideroxylon lycioides</i> L. syn: <i>Bumelia lycioides</i> (L.) Pers.	Buckthorn bumelia	G5	S3		
<i>Silphium asteriscus</i> L.	Starry rosin-weed	G5	SU		
<i>Silphium trifoliatum</i> L. var. <i>latifolium</i> Gray	Broad-leaved whorled rosin-weed	G4?T4?	SU		
<i>Sisyrinchium capillare</i> Bickn. Under <i>S. albidum</i> Raf. in Radford et al. (1968)	Wiry blue-eyed-grass	G5?	SU		
<i>Sisyrinchium fuscatum</i> Bickn.  syn: <i>S. arenicola</i> Bickn.	Sandplain blue-eyed-grass	G5?	S3		
<i>Sisyrinchium montanum</i> Greene Under <i>S. mucronatum</i> Michx. var. <i>mucronatum</i> in Radford et al. (1968)	Strict blue-eyed-grass	G5	SU		
<i>Sisyrinchium rosulatum</i> Bickn.	A blue-eyed-grass	G5	SU		
<i>Solidago arguta</i> Ait. ssp. <i>boottii</i> (Hook.) G. Morton syn: <i>S. boottii</i> Hook.	Boott's goldenrod	G5T3T5	SU		
<i>Solidago arguta</i> Ait. ssp. <i>pseudoyadkinensis</i> G. Morton  Under <i>S. arguta</i> Ait. var. <i>caroliniana</i> Gray in Kartesz (1999)	A goldenrod	G5TUQ	SU		
<i>Solidago canadensis</i> L. var. <i>canadensis</i>	Canadian goldenrod	G5T?	SU		
<i>Solidago canadensis</i> L. var. <i>gilvocanescens</i> Rydb.	Great Plains common goldenrod	G5T?	SU		
<i>Solidago flaccidifolia</i> Small  Under <i>S. caesia</i> in Radford et al. (1968)	Appalachian goldenrod	G5	SU		
<i>Solidago hispida</i> Muhl. ex Willd. var. <i>hispida</i> All Virginia <i>S. hispida</i> is var. <i>hispida</i>	Hairy goldenrod	G5T?	S3		
<i>Solidago lancifolia</i> Torr. & Gray Under <i>S. curtissii</i> Torr. & Gray in Kartesz (1999) Radford et al. (1968)	Broad-leaf goldenrod	G3G4Q	SU		
<i>Solidago sempervirens</i> L. var. <i>mexicana</i> (L.) Fern. Under <i>S. sempervirens</i> L. in Radford et al. (1968)	Seaside goldenrod	G5T?	S3		
<i>Solidago tarda</i> Mackenzie Under <i>S. arguta</i> in Radford et al. (1968) Under <i>S. arguta</i> var. <i>arguta</i> in Kartesz (1999) syn: <i>S. ludoviciana</i> (Gray) Small	A goldenrod	G4?Q	S3?		
<i>Sparganium eurycarpum</i> Engelm. ex Gray	Giant burreed	G5	S3		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Spartina patens</i> (Ait.) Muhl. var. <i>monogyna</i> (M.A. Curtis) Fern. Under <i>S. patens</i> (Ait.) Muhl. in Kartesz (1999)	Saltmeadow cordgrass	G5T?	SU		
<i>Spiranthes eatonii</i> Ames ex P.M. Brown	Eaton's ladies' tresses	G?	SU		
<i>Spiranthes lacera</i> (Raf.) Raf. var. <i>lacera</i> Does not include <i>S. gracilis</i> (Bigelow) Beck or <i>S. lacera</i> (Raf.) Raf. var. <i>gracilis</i> (Bigelow) Luer Given as <i>S. lacera</i> Raf. in Fernald (1950)	A ladies'-tresses	G5T5	SU		
<i>Spiranthes odorata</i> (Nutt.) Lindl. syn: <i>S. cernua</i> (L.) L.C. Rich var. <i>odorata</i> (Nutt.) Correll	Fragrant ladies'-tresses	G5	S3		
<i>Stachys hyssopifolia</i> Michx. syn: <i>Stachys hyssopifolia</i> Michx. var. <i>hyssopifolia</i>	Hyssop-leaf hedgenettle	G5	S3?		
<i>Stellaria corei</i> Shinnery syn: <i>Stellaria pubera</i> Michx. var. <i>sylvatica</i> (Beguinot) Weath.	Tennessee chickweed	G4	S3		
<i>Stellaria prostrata</i> Baldw.	Prostrate starwort	G4?	SU		
<i>Stenanthium gramineum</i> (Ker-Gawl.) Morong var. <i>micranthum</i> Fern.	Tiny-flowered featherbells	G4G5T?	SU		
<i>Stewartia malacodendron</i> L.	Silky camellia	G4	S3		
<i>Strophostyles leiosperma</i> (Torr. & Gray) Piper	Slick-seed wild-bean	G5	SE?		
<i>Stylodon carneus</i> (Medik.) Moldenke syn: <i>S. caroliniensis</i> (Walt.) Small, syn: <i>Verbena carnea</i> Medic.	Carolina vervain	G4?	SU		
<i>Styrax americanus</i> Lam. var. <i>americanus</i>	American snowbell	G5T?	S3		
<i>Styrax grandifolius</i> Ait.	Bigleaf snowbell	G5	S3		
<i>Suaeda linearis</i> (Ell.) Moq.	Tall sea blite	G5	S3		
<i>Symphotrichum praealtum</i> (Poiret) Nesom var. <i>praealtum</i> syn: <i>Aster praealtus</i> Poir. var. <i>praealtus</i>	Willow aster	G5T?	SR		
<i>Symphotrichum racemosum</i> (Ell.) Nesom syn: <i>Aster racemosus</i> Ell. Under <i>A. vimineus</i> Lam. in Harvill <i>et al.</i> (1992)	Coastal-plain aster	G3?Q	SU		
<i>Symphotrichum x schistosum</i> (Steele) Nesom syn: <i>Aster schistosus</i> Steele syn: <i>A. x schistosus</i> (Steele) Nesom in Kartesz (1999)	Millboro aster	HYB	SU		
<i>Taxodium ascendens</i> Brongn.	Pond cypress	G5	SR		
<i>Taxus canadensis</i> Marshall	Canada yew	G5	S3		
<i>Tephrosia hispidula</i> (Michx.) Pers.	Sprawling hoary-pea	G4G5	SR		
<i>Thaspium pinnatifidum</i> (Buckl.) Gray	Cutleaf meadow-parsnip	G3?	SU		
<i>Thermopsis mollis</i> (Michx.) M.A. Curtis ex Gray	Soft-haired false lupine	G4?	S3		
<i>Thermopsis villosa</i> (Walt.) Fern. & Schub.	Hairy false lupine	G3?	SE?		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Tradescantia subaspera</i> Ker-Gawl.var. <i>montana</i> (Shuttlew. ex Britt.) E.S. Anderson & Woods Under <i>T. subaspera</i> Ker-Gawl in Radford et al. (1968)	Zigzag spiderwort	G5T3T5	S3		
<i>Tragia urticifolia</i> Michx.	Nettle-leaf noseburn	G5	S3		
<i>Trichomanes intricatum</i> Farrar	A filmy-fern	G3G4	SU		
<i>Tridens strictus</i> (Nutt.) Nash  syn: <i>Triodia stricta</i> (Nutt.) Benth. ex Vasey	Long-spike fluff-grass	G5	SE?		
<i>Trifolium virginicum</i> Small ex Small & Vail  Only piedmont occurrences are tracked.	Kate's-mountain clover	G3	S3		
<i>Triglochin striatum</i> Ruiz & Pavon	Three-ribbed arrowgrass	G5	S3		
<i>Trillium cuneatum</i> Raf.	Little sweet trillium	G4G5	SU		
<i>Trillium luteum</i> (Muhl.) Harbison	Yellow trillium	G4	SE?		
<i>Triosteum aurantiacum</i> Bickn.	Coffee tinker's-weed	G5	S3		
<i>Tsuga caroliniana</i> Engelman	Carolina hemlock	G3	S3		
<i>Typha domingensis</i> Pers.	Southern cattail	G4G5	S3?		
<i>Uniola paniculata</i> L.	Sea oats	G5	S3		
<i>Utricularia geminiscapa</i> Benj.	Hidden-fruited bladderwort	G4G5	S3		
<i>Utricularia macrorhiza</i> Le Conte syn: <i>U. vulgaris</i> L.	Greater bladderwort	G5	S3		
<i>Utricularia radiata</i> Small  syn: <i>U. inflata</i> Walt. var. <i>minor</i> Chapman	Small swollen bladderwort	G4	S3		
<i>Uvularia puberula</i> Michx. var. <i>nitida</i> (Britton) Fern. Under <i>U. puberula</i> Michx. in Kartesz (1999) syn: <i>U. pudica</i> (Walt.) Fern. var. <i>nitida</i> (Britt.) Fern.	Pine barren bellwort	G5T3?	SU		
<i>Verbena rigida</i> (L.) Sprengel	A vervain	G?	SU		
<i>Verbena riparia</i> Raf. ex Small & Heller	River-bank vervain	GUGHQ	SU		
<i>Verbesina virginica</i> L. var. <i>virginica</i> All Virginia <i>V. virginica</i> is var. <i>virginica</i>	White crownbeard	G4G5T?	S3		
<i>Viola brittoniana</i> Pollard	Coast violet	G4G5	S3		
<i>Viola esculenta</i> Ell. syn: <i>Viola</i> × <i>esculenta</i> Ell. (pro sp.) Under <i>V. septemloba</i> Le Conte in Radford et al. (1968) and Harvill et al. (1992)	Salad violet	G4G5	S3		
<i>Viola incognita</i> Gray  Under <i>V. blanda</i> Willd. in Radford et al. (1968), syn: <i>V. blanda</i> Willd. var. <i>palustriformis</i> Gray	Large-leaf white violet	G4G5T4T5	SU		
<i>Viola palmata</i> L. var. <i>dilatata</i> Ell. syn: <i>V. triloba</i> Schwein. var. <i>dilatata</i> (Ell.) Brainerd	Cleft violet	G5T?	SU		
<i>Viola septentrionalis</i> Greene	Northern blue violet	G5	S3		

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Viola villosa</i> Walt. Does not include <i>V. hirsutula</i> Brainerd	Hairy violet	G5	SU		
<i>Vitis cinerea</i> (Engelm.) Engelm. ex Millard var. <i>cinerea</i> Does not include <i>V. cinerea</i> (Engelm.) Engelm. var. <i>floridana</i> Munson	Graybark grape	G4G5T?	SU		
<i>Vittaria appalachiana</i> Farrar & Mickel	Appalachian vittaria	G4	SU		
<i>Waldsteinia fragarioides</i> (Michx.) Tratt. ssp. <i>fragarioides</i>	Northern barren strawberry	G5T5	SU		
<i>Wolffiella gladiata</i> (Hegelm.) Hegelm. syn: <i>W. floridana</i> (J.D. Sm.) J.D. Sm. ex Hegelm.	Sword bogmat	G5	S3		
<i>Zanthoxylum americanum</i> P. Mill. syn: <i>Xanthoxylum americanum</i> P. Mill.	Northern prickly-ash	G5	S3		
<i>Zanthoxylum clava-herculis</i> L. syn: <i>Xanthoxylum clava-herculis</i> L.	Southern prickly-ash	G5	S3		
<i>Zigadenus elegans</i> Pursh ssp. <i>glaucus</i> (Nutt.) Hulten All Virginia <i>Z. elegans</i> is ssp. <i>glaucus</i> , syn: <i>Z. glaucus</i> Nutt.	White camas	G5T4T5	S3		

*PART THREE:*

*VIRGINIA RARE NON-VASCULAR PLANT LIST*



Virginia Rare Non-Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<b>LICHENS</b>					
<i>Cetrelia monachorum</i> (Zahlbr.) Culb. & C. Culb.	Sea-storm lichen	G2G4	SU		
<i>Heterodermia appalachiensis</i> (Kurok.) Culb. syn: <i>Anaptychia appalachiensis</i> Korok.	Appalachian fringe lichen	G2?	S1		
<i>Hydrothyria venosa</i> J.L. Russell	Waterfan	G3	S1		
<i>Hypotrachyna oostingii</i> (J.P. Dey) Hale	Oosting's loop lichen	G2?	SU		
<i>Hypotrachyna virginica</i> (Hale) Hale syn: <i>Parmelia virginica</i> Hale	A loop lichen	G1G2	S1		
<i>Melanelia culbersonii</i> (Hale) Thell	Appalachian camouflage lichen	G2G4	S2?		
<i>Melanelia stygia</i> (L.) Essl.	Alpine camouflage lichen	G4G5	S2?		
<i>Stereocaulon tennesseeense</i> H. Magn. ex Degel	Bony foam lichen	G?	S2?		
<i>Teloschistes flavicans</i> (Sw.) Norman	Powdered orange bush lichen	G?	SH		
<b>LIVERWORTS</b>					
<i>Lejeunea ruthii</i> (Evans) Schust.	A liverwort	G3G4	SU		
<i>Nardia lescurii</i> (Aust.) Underw.	A liverwort	G3?	SU		
<i>Radula tenax</i> Lindb.	A liverwort	G3G4	SU		
<b>MOSSES</b>					
<i>Astomum phascoides</i> (Hook. ex Drumm.) Grout	A moss	G3G4	SU		
<i>Campylopus carolinae</i> Grout	A moss	G1G2	S1		
<i>Orthotrichum keeverae</i> Crum & Anders.	Keever's bristle-moss	G1	S1		
<i>Plagiothecium latebricola</i> BSG	Lurking leskea	G3G4	SU		
<i>Sphagnum angustifolium</i> (C. Jens. ex Russ.) C. Jens.	Narrowleaf peatmoss	G5	S1S2		
<i>Sphagnum capillifolium</i> (Ehrh.) Hedw.	Pom - pom peatmoss	G5	S1S2		
<i>Sphagnum carolinianum</i> Andrus	Carolina peatmoss	G3	S2		
<i>Sphagnum cyclophyllum</i> Sull. & Lesq. ex Sull.	Circular-leaved peatmoss	G3	S1S2		
<i>Sphagnum fimbriatum</i> Wils. ex Wils. & J.D. Hook.	A peatmoss	G5	S1		
<i>Sphagnum flavicomans</i> (Card.) Warnst.	A peatmoss	G3	SU		
<i>Sphagnum flexuosum</i> Dozy & Molk.	Flexuose peatmoss	G5	S1S2		
<i>Sphagnum fuscum</i> (Schimp.) Klinggr.	Brown peatmoss	G5	S1		
<i>Sphagnum girgensohnii</i> Russ.	Girgensohn's peatmoss	G5	S1S2		
<i>Sphagnum inundatum</i> Russ.	Inundated peatmoss	G4	S1S2		
<i>Sphagnum macrophyllum</i> Bernh. ex Brid. var. <i>macrophyllum</i>	Large-leaf peatmoss	G3T3?	S2		
<i>Sphagnum molle</i> Sull.	Soft peatmoss	G4	S2		

*Virginia Rare Non-Vascular Plant List*

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Sphagnum portoricense</i> Hampe	<b>Puerto Rico peatmoss</b>	<b>G5</b>	<b>S1S2</b>		
<i>Sphagnum quinquefarium</i> (Lindb. ex Braithw.) Warnst.	<b>Five-rowed peatmoss</b>	<b>G5</b>	<b>S2S3</b>		
<i>Sphagnum rubellum</i> Wils.	<b>Red peatmoss</b>	<b>G5</b>	<b>S2</b>		
<i>Sphagnum russowii</i> Warnst.	<b>Russow's peatmoss</b>	<b>G5</b>	<b>S1S2</b>		
<i>Sphagnum strictum</i> Sull.	<b>Straight peatmoss</b>	<b>G5</b>	<b>S2</b>		
<i>Sphagnum subsecundum</i> Nees ex Sturm	<b>Subsecund peatmoss</b>	<b>G5</b>	<b>S1</b>		
<i>Sphagnum subtile</i> (Russ.) Warnst.	<b>Delicate peatmoss</b>	<b>G5?Q</b>	<b>S1S2</b>		
<i>Sphagnum torreyanum</i> Sull.	<b>Torrey's peatmoss</b>	<b>G3G4</b>	<b>S2</b>		
<i>Sphagnum trinitense</i> C.M.	<b>Trinidad peatmoss</b>	<b>G4</b>	<b>S2S3</b>		

## APPENDIX 1: CHANGES TO THE 2004 LISTS

Below is a summary of the changes to the rare plant list and watchlist since the 2003 edition:

1) Taxa which have been removed from the rare vascular plant list and placed on the vascular plant watchlist because their status has been found to be sufficiently secure:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Dicliptera brachiata</i>	S3	S2
<i>Monotropsis odorata</i>	S3	S2S3
<i>Physostegia leptophylla</i>	S3	S2S3
<i>Quercus laevis</i>	S3	S2
<i>Rhynchospora cephalantha</i> var. <i>pleiocephala</i>	S3	S2

4) Additions to the rare vascular plant list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Amelanchier nantucketensis</i>	S1	N/A
<i>Asclepias tuberosa</i> ssp. <i>rolfsii</i>	S1	N/A
<i>Marshallia</i> sp. 1	S1	N/A
<i>Oligoneuron rigidum</i> var. <i>glabratum</i>	S1	N/A

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

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Carex lupuliformis</i>	S2	S1
<i>Carex purpurifera</i>	S2S3	S2
<i>Collinsia verna</i>	S2	S1
<i>Symphotrichum ericoides</i>	S2	S1

2) Taxa which have been removed from the vascular plant watchlist due to insufficient evidence of taxonomic distinctness:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Carex granularis</i> var. <i>haleana</i>	SU	SU
<i>Hexastylis memmingeri</i>	SU	SU
<i>Justicia mortuifluminis</i>	SU	SU
<i>Rubus akermanii</i>	SU	SU
<i>Rubus ambiguus</i>	SU	SU
<i>Rubus clarus</i>	SU	SU
<i>Rubus defectionis</i>	SU	SU
<i>Rubus felix</i>	SU	SU
<i>Rubus grimesii</i>	SU	SU
<i>Rubus hypolasius</i>	SU	SU
<i>Rubus iniens</i>	SU	SU
<i>Rubus invisus</i>	SU	SU

<i>Rubus leviculus</i>	SU	SU
<i>Rubus longii</i>	SU	SU
<i>Rubus nefrens</i>	SU	SU
<i>Rubus pauxillus</i>	SU	SU
<i>Rubus pernagaeus</i>	SU	SU
<i>Rubus plexus</i>	SU	SU
<i>Rubus recurvans</i>	SU	SU
<i>Rubus seawardianus</i>	SU	SU
<i>Solidago juncea</i> var. <i>neoboehemica</i>	SU	SU

**5) Taxonomic changes made on the rare vascular plant list and vascular plant watchlist:**

<u>Old Scientific Name</u>	<u>New Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Bolboschoenus fluviatilis</i>	<i>Schoenoplectus fluviatilis</i>	S2	S2
<i>Hypericum acutifolium</i>	<i>Hypericum virgatum</i>	S3	S3
<i>Gnaphalium helleri</i>	<i>Pseudognaphalium helleri</i>	S1	S1
<i>Lilium catesbaei</i> var. <i>longii</i>	<i>Lilium catesbaei</i>	S1	S1
<i>Morella pumila</i>	<i>Myrica cerifera</i> var. <i>pumila</i>	S1	S1
<i>Ranunculus longirostris</i>	<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	S1	S1
<i>Ranunculus trichophyllus</i>	<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	S1	S1
<i>Rhynchospora fascicularis</i> var. <i>distans</i>	<i>Rhynchospora fascicularis</i>	S2	S1?
<i>Rhynchospora fascicularis</i> var. <i>fascicularis</i>	<i>Rhynchospora fascicularis</i>	S2	S1?
<i>Rhynchospora perplexa</i> var. <i>virginiana</i>	<i>Rhynchospora perplexa</i>	S1S2	S1S2

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

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Habenaria repens</i>	SR	SU
<i>Platanthera integrilabia</i>	SR	SU
<i>Tephrosia hispidula</i>	SR	SU

**6) Taxa which were determined to be falsely reported from Virginia and have been removed from the vascular plant watchlist:**

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Carex socialis</i>	SRF	SU
<i>Ceanothus herbaceus</i>	SRF	SU
<i>Dichanthelium boreale</i>	SRF	SU
<i>Marshallia trinervia</i>	SRF	SU

**1) Taxa which have been removed from the vascular plant watchlist because their status has been found to be sufficiently secure:**

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Catalpa bignonioides</i>	SE?	SE?
<i>Rumex hastatulus</i>	SE?	SE?

**APPENDIX 2. RARE SPECIES SIGHTING FORM**

An important component of the natural heritage inventory and protection process involves gathering information from state experts, professionals, and avocational naturalists throughout the state. To facilitate this, the Division of Natural Heritage has developed a rare species sighting form. If you would like to participate in our inventory and protection activities, please take a few moments to complete the attached form for any taxon from our rare plant list or watchlist. This data will be incorporated into the natural heritage data base and used exclusively for the protection of the rare species or variety and its habitat. Please send the form to the staff botanist at Division of Natural Heritage, 217 Governor Street, 3<sup>rd</sup> Floor, Richmond, VA 23219.

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

**SPECIES NAME:**

**DATE:**

**CITY/COUNTY:**

**LOCATION:** (Please provide a detailed description. Please include a topographic map showing the location or sketch a map of the location.)

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

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

**THREATS OR EVIDENCE OF DISTURBANCE TO SITE:**

**LAND OWNER:**

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

**DATE OF THIS REPORT:**