

New York Rare Plant Status Lists June 2008

Edited by Stephen M. Young



New York Natural Heritage Program

A Partnership between The Nature Conservancy and the NYS Department of Environmental Conservation

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This list is also published at the website:

www.nynhp.org

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To report sightings of rare species, contact our office or fill out and mail or email us the Natural Heritage reporting form provided at the end of this publication.

The New York Natural Heritage Program is a partnership with the New York State Department of Environmental Conservation and by The Nature Conservancy. Major support comes from the NYS Biodiversity Research Institute, the Environmental Protection Fund, and Return a Gift to Wildlife.

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This report should be cited as:	
Young, Stephen M. 2008. New York Rare Plant Status Lists. New York Natural Heritage Program, Albany, NY. June 2008. 116 pages.	



New York Natural Heritage Program Rare Plant Status Lists

WHY ARE THE LISTS PUBLISHED?

The New York Natural Heritage Program publishes the rare plant status lists:

1. to assist the conservation and protection efforts of government agencies, private organizations, and the general public,
2. to provide information for use in the environmental review process,
3. to provide information to educators and researchers about New York's rare plants, and
4. to assist those in search of rare plants.

WHAT ARE THE LISTS AND WHAT DO THEY CONTAIN?

The Active Inventory List - This list contains the name, Heritage rank, counties of occurrence, and state legal status for **570 plants** that the NY Natural Heritage Program actively tracks and surveys. It contains most plant taxa (species, subspecies and varieties) that have fewer than 30 occurrences in the state and are considered highly vulnerable to extirpation. They have been documented by a Heritage report and a herbarium specimen or photograph in the last 20-30 years (**Extant=447 taxa**). It also contains rare historical taxa, those plants that have not been documented in the last 20-30 years (**SH=60 taxa**), and the extirpated taxa, those that are considered no longer extant in the state (**SX=63 taxa**).

The Watch List - This contains the same fields as the active list for **78 plants** in **two watch list categories**.

The first category contains native species that are considered rare, uncommon, or declining in numbers and need continued periodic monitoring to decide if they should be actively inventoried or removed from the list. The criteria for the plants in this category are as follows: Plants are listed on the watch list when they have 21-34 occurrences and 10 of those occurrences were ranked excellent or good in the last 20 years. They are also listed on the watch list if they have 35 or more occurrences and fewer than 10 occurrences ranked excellent or good in the last 20 years. They may also be on the watch list if they have fewer than 21 occurrences but more than a total of 10,000 plants statewide.

The second category contains native species that have fewer than 21 occurrences but are weedy in nature and predicted to increase in numbers over time. They are usually recent additions to the state and are actively colonizing disturbed sites. They also need continued periodic monitoring to decide if they should be actively inventoried as a rare native plant or removed from the list as numbers increase (They are: *Eclipta prostrata*, *Eupatorium serotinum*, *Geum vernum*, *Juncus diffusissimus*, and *Utricularia inflata*).

The Review List – This contains species that may be rare within New York, but more work is needed to determine their distribution within the state, resolve taxonomic/identification problems, etc. before their state rarity can be determined.

The New York State DEC Protected Native Plants List (August 2000). The Heritage list contains all plants that are rare, while the DEC protected list contains native plants that are protected by state law. Almost all rare plants that are on the Heritage Active and Watch Lists are listed by the state. The DEC Protected Plant List is included in New York's rare plant law that is open to public comment and approval by the state legislature. It is not updated annually like the rare plant list so eventually some protected ranks do not correspond to the Heritage rank. The Protected Plant List also includes the category of Exploitably Vulnerable (plants that may be exploited, but not necessarily rare [e.g. all orchids, most ferns]).



HOW IS THE INFORMATION COMPILED?

These lists have been compiled over many years from a variety of sources. By consolidating these sources, NY Natural Heritage is able to enhance their usefulness and identify gaps in knowledge.

Information is gathered principally from fieldwork as well as from published and unpublished reports, herbarium specimens, and oral reports. When occurrences of rare plants are discovered in the field, quantity of individuals, quality, and location of the population are documented, and, if warranted, specimens and/or photographs are taken. These occurrences are then monitored, and changes in biology and land conservation status are recorded. Information gathered from all sources is mapped on a GIS (Geographical Information System or computerized mapping) and entered into a computer database that serves as a "communal memory" of rare plant, animal and natural community information from across the state. Electronic data are backed up with paper files; both are carefully protected from unauthorized access. Information that we gather and receive during the growing season is "transcribed" and entered into the database during the winter, thus information received in April of one year may not be available in the database until February or March of the following year. If information about a rare plant occurrence is received without a photograph or specimen to prove or vouch for its existence the information is treated as a lead to be followed up by a more detailed survey to gather voucher information.

HOW DO THE LISTS CHANGE?

Each winter, after entry of new information into the database is completed, the list is reevaluated by NY Natural Heritage staff, the State Botanist, and other botanists familiar with the state flora to decide if certain plant species should remain or be removed from the lists, or if their rarity ranking or names should change. Recommendations for new plants to be added to the lists are also evaluated.

WHY ARE PLANTS RARE?

Plants are rare for different reasons. Some species have narrow habitat requirements that are met in only a few areas of the state or world. Other factors that contribute to the rarity of species are low reproduction rates and disturbance or loss of habitat from stochastic events, succession or human-induced activities such as: pollution, development, introduction of exotic plants and pests, and over-collection of useful or attractive plants. Natural biological, climatic, and geological events can reduce or isolate widespread species resulting in global or local rarity or even extinction. However, at present, natural processes play a relatively small role in species extinction when compared to human activity. Often these factors work in combination to limit species distribution. Plants that are considered rare only in New York State are usually, but not always, on the edge of their range or restricted to habitats that are also rare here. They are more common elsewhere but exist at only a few localities in New York. Most rare plant species in New York have always been rare here but about 8% have been reduced to low numbers from formerly common status.

WHY PROTECT RARE PLANTS?

When rare plants are protected, distinctive populations of species are preserved along with their genetic variation within their natural habitat. This "biodiversity" of organisms is an important component of healthy, functioning ecosystems upon which all life on earth is dependent. Since there is usually a lack of complete information about the complex interactions within specific ecosystems to decide which plants are "expendable", all species should be protected. Some believe that plants are not only essential to survival of the human race, but they also have an equal right to exist because they have survived and adapted for as long as or longer than humans. Plants are also indicators of the quality of the environment. Some plants decline in numbers, or disappear altogether, under the influence of increased land, air, or water pollution or perhaps climate change. Rare plants are also valued and protected because they are unusual - something out of the ordinary that people enjoy taking a special effort to see and photograph.

State-rare plants, usually on the edge of their range, are subject to environmental conditions different from the center of their range. Therefore, they sometimes have genetic differences that allow them to cope with these conditions. Their populations are often important reserves of genetic diversity of the species as a whole and should be protected. They may also be important components of ecosystems uncommon in the state or indicate important processes taking place in otherwise common natural communities. A rich natural heritage is one of New York's most valuable resources - one that is treasured by residents and visitors alike.



EXPLANATION OF CATEGORIES

The active and watch lists are produced from the Heritage Program's Biotics 4 Database and include the following categories:

SCIENTIFIC NAME – This is the genus and species name derived from Latin or Greek roots. Some plants also have a variety or subspecies name. These standardized scientific names are understood throughout the world. This list follows the taxonomy of the New York Flora Atlas (Weldy, Troy and David Werier. 2005. New York Flora Atlas. [S.M. Landry, K.N. Campbell, and L.D. Mabe (original application development), Florida Center for Community Design and Research. University of South Florida]. New York Flora Association, Albany, New York.

COMMON NAME – This is the most commonly accepted English name for the plant in New York.

COUNTIES OF OCCURRENCE - Each county is designated by the first four letters of its name. The county name is followed by a status letter as follows:

“C” (confirmed) if the plant is currently known within the county.

“P” (probable) if the plant was last documented by a specimen more than 30 years ago.

“?” (possible) when it is possible that the plant occurs in the county because there have been unconfirmed reports of its existence (*i.e.*, oral report, plant list, literature citation).

“X” (extirpated) if the plant was once present but no longer believed to exist within the county.

A county map is included at the end of this list. **Separate county lists are available upon request to the author.**

GLOBAL AND STATE RANKS - These rarity ranks are maintained by NatureServe (www.natureserve.org) and are used by Natural Heritage programs in every state. They are not linked to any legal penalties but provide information used for determining state and federal legal status of rare plants.

STATE STATUS - These status codes reflect rarity, vulnerability and the action priority status of plants. Their status is backed up by state laws that provide penalties for the "taking" of plants.

EXPLANATION OF HERITAGE RANKS AND CODES

Each taxon has a global and state rank. The global rank reflects the rarity of the species throughout the world and the state rank reflects the rarity within New York State.

GLOBAL RANK

G1 = Critically imperiled throughout its range due to extreme rarity (5 or fewer sites or very few remaining individuals) or extremely vulnerable to extinction due to biological factors. **(8 taxa in 2008)**

G2 = Imperiled throughout its range due to rarity (6 - 20 sites or few remaining individuals) or highly vulnerable to extinction due to biological factors. **(12 taxa in 2008)**

G3 = Either very rare and local throughout its range (21 - 100 sites), with a restricted range (but possibly locally abundant), or vulnerable to extinction due to biological factors. **(44 taxa in 2008)**

G4 = Apparently secure throughout its range (but possibly rare in parts).

G5 = Demonstrably secure throughout its range (but possibly rare in parts).

GH = No extant sites known but it may be rediscovered.

GX = Species believed extinct.

TU & T? = Status of the subspecies or variety unknown.



STATE RANK

- S1 = Critically imperiled in New York State because of extreme rarity (5 or fewer sites or very few remaining individuals) or extremely vulnerable to extirpation from New York State due to biological or human factors.
S2 = Imperiled in New York State because of rarity (6 - 20 sites or few remaining individuals) or highly vulnerable to extirpation from New York State due to biological or human factors.
S3 = Rare in New York State (usually 21 - 35 extant sites).
S4 = Apparently secure in New York State.
S5 = Demonstrably secure in New York State.
SH = Historical. No existing sites known in New York State in the last 20-30 years but it may be rediscovered.
SX = Apparently extirpated from New York State, very low probability of rediscovery.
SR = Reported from the state, but existence has not been documented.

TAXON RANK

The T-ranks are defined in the same way as the Global ranks, but the T-rank only refers to the rarity of the subspecific taxon, not the rarity of the species as a whole. **If a species has a subspecific name that is the same as the species name it means there is also another subspecies of that species which we do not consider rare in New York or it does not occur in New York.**

DOUBLE RANKS (i.e., S1S2, S2S3, S1S3)

The first rank indicates rarity based upon current documentation. The second rank indicates the probable rarity after all historical records and likely habitat have been checked.

DOUBLE RANKS DENOTE SPECIES THAT NEED ADDITIONAL FIELD SURVEYS.

A "Q" indicates a question exists whether or not the taxon is a good taxonomic entity.

A "?" indicates that an identification question exists about known occurrences. It also indicates the rank presumably corresponds to actual occurrences even though the information has not yet been documented in heritage files or historical records. It serves to flag species that need more field studies or specimen identification.

EXPLANATION OF PLANT LEGAL STATUS

FEDERAL LEGAL STATUS

The categories of federal status are defined by the U.S. Department of the Interior as part of the 1974 Endangered Species Act (see Code of Federal Regulations 50 CFR 17). Recent changes in federal status were published in the Federal Register on Feb. 28, 1996. Federal Categories 2 and 3 were eliminated and Category 1 changed to Candidate. A summary of federally listed plants is in the U.S. Fish and Wildlife Service publication "Endangered and Threatened Wildlife and Plants" (August 20, 1994).

Currently in New York there is 1 endangered plant and 5 threatened plants. There are 2 historical and 3 extirpated species.

<u>Scientific Name</u>	<u>Common Name</u>	<u>Fed. Status</u>	<u>State Status</u>
<i>Agalinis acuta</i>	Sandplain Gerardia	Endangered	S1
<i>Aconitum noveboracense</i>	Monkshood	Threatened	S2
<i>Amaranthus pumilus</i>	Seabeach Amaranth	Threatened	S2
<i>Asplenium scolopendrium</i> var. <i>americanum</i>	Hart's-tongue Fern	Threatened	S2
<i>Oligoneuron houghtonii</i>	Houghton's Goldenrod	Threatened	S1
<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i>	Leedy's Roseroot	Threatened	S1
<i>Isotria medeoloides</i>	Small Whorled Pogonia	Endangered	SH
<i>Platanthera leucophaea</i>	Prairie Fringed Orchid	Threatened	SH
<i>Helonias bullata</i>	Swamp Pink	Threatened	SX
<i>Schwalbea americana</i>	Chaffseed	Endangered	SX
<i>Scirpus ancistrochaetus</i>	Northeastern Bulrush	Endangered	SX



NEW YORK STATE LEGAL STATUS

The following categories are defined in regulation 6NYCRR part 193.3 and apply to New York State Environmental Conservation Law section 9-1503. Part (f) of the law reads as follows: "It is a violation for any person, anywhere in the state to pick, pluck, sever, remove, damage by the application of herbicides or defoliant, or carry away, without the consent of the owner, any protected plant. Each protected plant so picked, plucked, severed, removed, damaged or carried away shall constitute a separate violation." Violators of the regulation are subject to fines of \$25 per plant illegally taken. For your convenience, the DEC Protected Plant List is included as an appendix within this publication. Questions about DEC's Protected Plant list should be directed to the Division of Lands and Forests at (518) 402-9425.

E = Endangered Species: listed species are those with

- 1) 5 or fewer extant sites, or
- 2) fewer than 1,000 individuals, or
- 3) restricted to fewer than 4 U.S.G.S. 7 1/2 minute topographical maps, or
- 4) species listed as endangered by the U. S. Department of Interior, as enumerated in the Code of Federal Regulations 50 CFR 17.11.

T = Threatened: listed species are those with

- 1) 6 to fewer than 20 extant sites, or
- 2) 1,000 to fewer than 3,000 individuals, or
- 3) restricted to not less than 4 or more than 7 U.S.G.S. 7 1/2 minute topographical maps, or
- 4) listed as threatened by the U. S. Department of the Interior, as enumerated in the Code of Federal Regulations 50 CFR 17.11.

R = Rare: listed species have

- 1) 20 to 35 extant sites, or
- 2) 3,000 to 5,000 individuals statewide.

V = Exploitably vulnerable: listed species are likely to become threatened in the near future throughout all or a significant portion of their range within the state if causal factors continue unchecked. [This definition does not apply to many plants on this list and efforts are underway to change the definition or the list - SMY]

U = Unprotected

EXPLANATION OF THE PHENOLOGY LIST – APPENDIX II

The phenology list shows the months of the year when the parts of the plant useful for identification (vegetative parts, flowers, fruits) of each rare species can be seen. For example, only the fruiting time is shown for many species of *Carex* since only mature fruit should be used for identification. This information has been gathered from herbarium specimens, Heritage field data, Gray's Manual of Botany, various web sites, and individual expertise. The months in which the plant can be seen may differ from year to year depending on the weather and there is often some overlap between flowering and fruiting times. Some species may not be visible for years at a time if they grow in a habitat where conditions conducive to germination or growth occur only sporadically (e.g., Coastal Plain Pond Shores). An attempt was made to include information that would assist searching for these species at a time when the plant could be identified properly. For some species there is very little information about phenology in New York State and assumptions were made from Gray's Manual of Botany and information on the Internet. We would appreciate any information that would update this list and increase its accuracy.



ACKNOWLEDGEMENTS

The New York Natural Heritage Program gratefully acknowledges the efforts of all the field biologists and plant enthusiasts who have contributed to the database over the last 20 years. For our historical perspective, we are indebted to the curators and staff of more than 20 regional herbaria, especially Dr. Charles Sheviak of the botany department of the New York State Museum, Drs. Steven Clemants, Gerry Moore, Steve Glenn, and Kerry Barringer of the Brooklyn Botanic Garden, Robert Dirig of Cornell University, David Papayanopoulos of Planting Fields Arboretum, and Jackie Kallunki and staff of the New York Botanical Garden, who have provided access to specimens, invaluable assistance, and knowledge of rare plant natural history. Additional thanks to NY Natural Heritage staff Rachel Novak, Shelley Cooke, and Tim Howard, and NatureServe staff Leah Oliver and Kat Maybury who spent many hours updating our Biotics database and report-making software used to create this list.

Thanks also to the participants in the annual status review for their valuable and timely comments on rare plant status and natural history. The March 2008 participants were Nancy Davis-Ricci, Rich Ring, Chuck Sheviak, Kim Smith, David Werier, Bob Wesley, and Steve Young with written contributions from Anne Johnson. We would like to extend our many thanks to the various taxonomic experts who have graciously shared their time and expertise. These include Harvey Ballard (*Viola*), Steve Clemants (*Chenopodiaceae* and *Juncaceae*), Barre Hellquist (*Potamogetonaceae* and other aquatics), Tony Reznicek (*Carex*), Chuck Sheviak (*Orchidaceae*), Ishan Al-Shebaz (*Boechera*), and David Werier (*Carex* and *Eleocharis*).

We also wish to thank the many regional botanists, naturalists, and many others who have contributed assistance and information about the locations and natural history of rare plants. These people include Spider Barbour and Michael Batcher (Hudson Highlands), Sam Adams (Catskills), Tom Rawinski (Statewide), Steve Clemants, Al and Lois Lindberg, Rich Kelly, Gerry Moore, Andy Greller, and Eric Lamont (Long Island), Mashomack Preserve Staff (Shelter Island), Gordon Tucker (Fishers Island), Pat Martin (Monroe County), Evelyn Greene, Jerry Jenkins, Arthur Haines, Dan Spada, and Wes Lampman (Lake Champlain and Adirondacks), DEC Region 5 & 6 foresters, George Profous (Orange County), Patricia Eckel (Western New York), Nancy Eldblom, Anne Johnson and Chris Reidy (St. Lawrence and Jefferson Counties), Bruce Gilman (Finger Lakes), Bob Ingalls and David Hunt (Rensselaer County Adirondacks, and Tug Hill), Erik Kiviat, Gretchen Stevens and Norbert Quenzer (Hudson Valley), David Kunstler (NYC Parks), Don Leopold and Joe McMullen (Central New York), Ray Matarrazo (Staten Island), Andy Nelson and Dan Sawchuck (Oswego County), Donna Voglerd and Connie Tedesco (Otsego County), David Werier (Hudson Highlands, Long Island, and Central New York), Tony Terrell (Valcour Island), David Dame (Plattsburgh), Bob Wesley and Andy Zepp (Finger Lakes region), Charles Ufford and Matt Young (orchids), the Adirondack Summit Stewards, especially Julia Goren, botanical summit steward, the Long Island *Amaranthus* survey participants, The Nature Conservancy stewardship staff, especially Bruce Horwith, Joe Janssen, Marilyn Jordan, Chris Maron, Doug Munro, and Troy Weldy, and the NY Natural Heritage Program staff.



Changes Since The June 2007 Rare Plant Status Lists

Taxa moved from the active list to the watch list.

	<u>Global Rank</u>	<u>State Rank</u>
<i>Carex atherodes</i>	G5	S3
<i>Salix pyrifolia</i>	G5	S3

Taxa added to the active list

<i>Bromus nottowayanus</i>	G3G5	S1S2
<i>Elymus glaucus</i> var. <i>glaucus</i>	G5T5	S1
<i>Erigeron philadelphicus</i> var. <i>provancheri</i>	G5T2Q	S1
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	G5?T3T5	S1
<i>Silene caroliniana</i> ssp. <i>pensylvanica</i>	G5T4	S2
<i>Spinulum canadense</i>	G4G5	S1S2

Taxa removed from the active list

	<u>Reason</u>
<i>Geranium carolinianum</i> var. <i>sphaerospermum</i>	Synonymous with <i>G. carolinianum</i>
<i>Physalis pubescens</i> var. <i>integrifolia</i>	Misidentified. Not in New York.

Taxa added to the review list.

Cuscuta gronovii var. *latiflora*
Eleocharis compressa var. *compressa*
Eupatorium sessilifolium var. *sessilifolium*
Lemna obscura
Lemna turionifera
Sagittaria australis
Schoenoplectus smithii var. *setosus*
Schoenoplectus smithii var. *smithii*
Selaginella eclipses
Selaginella selaginoides
Sisyrinchium albidum
Smilax lasioneura

Taxa still on the rare plant lists but with scientific name changes.

Old name	New name
<i>Arabis shortii</i>	<i>Boechera shortii</i>
<i>Argentina egedii</i> ssp. <i>egedii</i>	<i>Argentina egedii</i> ssp. <i>groenlandica</i>
<i>Boechera brachycarpa</i>	<i>Boechera grahamii</i>
<i>Gaylussacia dumosa</i>	<i>Gaylussacia bigeloviana</i>



2008 Rare Plant Status List - Active Inventory List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
<i>Acalypha virginica</i>	Virginia Three-seeded Mercury	BRON-P COLU-P NASS-P ONON-P ROCK-C SUFF-P WEST-P	G5	S1	E
<i>Aconitum noveboracense</i>	Northern Monk's-hood	CHEN-P DELA-C SULL-C ULST-C	G3	S1	T
<i>Adoxa moschatellina</i>	Musk Root	DELA-C GREE-C	G5	S1	E
<i>Agalinis acuta</i>	Sandplain Gerardia	NASS-C SUFF-C	G1	S1	E
<i>Agalinis maritima</i> var. <i>maritima</i>	Seaside Gerardia	BRON-X NASS-P NEWY-X ONON-? QUEE-P RICH-X SUFF-C WEST-X	G5T5	S2S3	U
<i>Agastache nepetoides</i>	Yellow Giant-hyssop	ALBA-C BRON-C CAYU-C DUTC-C ERIE-P ESSE-? GENE-C HERK-? JEFF-P KING-? MONR-? NASS-P NEWY-P NIAG-C ONEL-? ONON-P QUEE-C RENS-? RICH-C SCHE-? SCHU-? STLA-P SUFF-? TOMP-P ULST-P WASH-C WAYN-P WEST-?	G5	S2S3	T
<i>Ageratina aromatica</i> var. <i>aromatica</i>	Small White Snakeroot	KING-? NASS-P QUEE-P RICH-P SUFF-C WEST-?	G5T5	S1	E
<i>Agrimonia rostellata</i>	Woodland Agrimony	ALBA-P BRON-P CAYU-C DUTC-P FULT-P GENE-C LIVI-C NASS-P ONON-P ORAN-C PUTN-P QUEE-C ROCK-P SCHE-P SUFF-P ULST-P WEST-P	G5	S2	T
<i>Agrostis mertensii</i>	Northern Bentgrass	ESSE-C	G5	S2	T
<i>Aletris farinosa</i>	Stargrass	KING-X NASS-C ONON-P QUEE-X RICH-P SUFF-C	G5	S2	T
<i>Alisma gramineum</i>	Water-plantain	ESSE-C JEFF-P ORLE-P STLA-C WAYN-P	G5	S2S3	U
<i>Allium cernuum</i> var. <i>cernuum</i>	Nodding Wild Onion	CAYU-C CHEM-C ERIE-P SCHU-C STEU-P TIOG-P WYOM-?	G5T5	S2	T
<i>Allium tricoccum</i> var. <i>burdickii</i>	Burdick's Wild Leek	CHAU-P	G5T4T5	SH	E
<i>Amaranthus pumilus</i>	Seabeach Amaranth	KING-X NASS-C ONON-X QUEE-C SUFF-C WEST-X	G2	S2	E
<i>Amelanchier nantucketensis</i>	Nantucket Juneberry	RICH-C SUFF-C	G3Q	S1	E
<i>Amerorchis rotundifolia</i>	Round-leaved Orchis	HERK-X LEWI-X ONEL-?	G5	SX	U
<i>Amianthium muscaetoxicum</i>	Fly-poison	NASS-X QUEE-X	G4G5	SX	U



2008 Rare Plant Status List - Active Inventory List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
<i>Ammophila breviligulata</i> ssp. <i>champlainensis</i>	Champlain Beachgrass	CLIN-C JEFF-C OSWE-?	G5T2T3Q	S1	E
<i>Amphicarpum purshii</i>	Peanut Grass	SUFF-C	G4	S1	E
<i>Anemone multifida</i> var. <i>hudsoniana</i>	Cut-leaf Anemone	JEFF-X	G5T5	SX	U
<i>Angelica lucida</i>	Seacoast Angelica	SUFF-C	G5	S2	E
<i>Anthoxanthum monticola</i> ssp. <i>monticola</i>	Alpine Sweetgrass	ESSE-C	G5T3T5	S1	E
<i>Aplectrum hyemale</i>	Puttyroot	ALBA-P BRON-P BROO-? CAYU-? CHAU-? CORT-? ERIE-P ESSE-P GENE-P JEFF-P LEWL-? LIVI-P MADI-P MONR-P NIAG-P ONEI-P ONON-P ONTA-P ORAN-P ORLE-P OSWE-P SARA-? SENE-P TOMP-P ULST-P WASH-C WAYN-? WEST-? YATE-P	G5	S1	E
<i>Arethusa bulbosa</i>	Dragon's Mouth Orchid	CATT-? CAYU-P CHAU-? COLU-P CORT-P DELA-? DUTC-C ERIE-P ESSE-C FRAN-C GENE-C HAMI-? JEFF-C KING-? LEWL-C MADI-P NASS-P ONEI-P ONON-P ORAN-P OSWE-C RENS-P SARA-P SCHE-X STEU-? SUFF-C TOMP-P ULST-P WARR-C WASH-P WAYN-P WEST-P	G4	S2	T
<i>Argentina egedii</i> ssp. <i>groenlandica</i>	Silverweed	SUFF-C	G5T4T5	S2	T
<i>Aristolochia serpentaria</i>	Virginia Snakeroot	BRON-P KING-? NASS-P NEWY-P ORAN-C PUTN-P QUEE-X RICH-P ROCK-C SCHE-X ULST-P WEST-P	G4	S2	E
<i>Arnica lanceolata</i> ssp. <i>lanceolata</i>	Lanceleaf Arnica	ESSE-C	G3T3	S1	E
<i>Arnoglossum atriplicifolium</i>	Pale Indian-plantain	CATT-P CHAU-? CHEM-? LIVI-? MONR-? ONEI-P TIOG-P WYOM-? YATE-?	G4G5	SH	U
<i>Asclepias purpurascens</i>	Purple Milkweed	BRON-C CAYU-? DUTC-P GREE-? MONR-? NASS-C NEWY-? ORAN-C QUEE-P RICH-C ROCK-? SCHE-? SUFF-C WAYN-? WEST-C	G5?	S2S3	U
<i>Asclepias rubra</i>	Red Milkweed	NASS-X QUEE-X RICH-X SUFF-X WASH-X	G4G5	SX	U



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<i>Asclepias variegata</i>	White Milkweed	BRON-C DUTC-? KING-X NASS-P NEWY-P QUEE-X RICH-P SUFF-C WEST-P	G5	S1	E
<i>Asclepias viridiflora</i>	Green Milkweed	COLU-P DUTC-C KING-? NASS-C QUEE-? RICH-C ROCK-C SUFF-? ULST-? WEST-?	G5	S2	T
<i>Asimina triloba</i>	Pawpaw	CHAU-C ERIE-C LIVI-C MONR-C NIAG-C ONTA-P ORLE-C OSWE-?	G5	S2	T
<i>Asplenium bradleyi</i>	Bradley's Spleenwort	ORAN-P ULST-P	G4	SH	E
<i>Asplenium montanum</i>	Mountain Spleenwort	COLU-P DUTC-P RENS-P SULL-C ULST-C	G5	S2S3	T
<i>Asplenium scolopendrium</i> var. <i>americanum</i>	Hart's-tongue Fern	MADI-C NIAG-? ONON-C	G4T3	S2	T
<i>Asplenium trichomanes-ramosum</i>	Green Spleenwort	LEWI-C	G4	S1	E
<i>Astragalus neglectus</i>	Cooper's Milkvetch	CAYU-C ERIE-P GENE-C LIVI-C MONR-P NIAG-P ONON-X ONTA-P SENE-P TOMP-P YATE-P	G4	S1	E
<i>Atriplex dioica</i>	Thickleaf Orach	BRON-P KING-? NASS-? ONTA-C ORAN-C QUEE-? RICH-? SUFF-P	G4?	S1	E
<i>Atriplex glabriuscula</i>	Seaside Orach	SUFF-C	G4	S1	E
<i>Bartonia paniculata</i> ssp. <i>paniculata</i>	Screw-stem	KING-P NASS-X ORAN-C QUEE-X RICH-P SUFF-C	G5T5	S1	E
<i>Berula erecta</i>	Wild Parsnip	ERIE-? SUFF-X	G4G5	SX	U
<i>Betula glandulosa</i>	Tundra Dwarf Birch	ESSE-C	G5	S1	E
<i>Betula minor</i>	Dwarf White Birch	ESSE-C STLA-?	G4Q	S1	E
<i>Betula pumila</i>	Swamp Birch	COLU-C CORT-? DUTC-C ERIE-? ESSE-C FRAN-C GENE-P LEWI-C MONR-? NIAG-P ORLE-P STLA-C	G5	S2	T
<i>Bidens bidentoides</i>	Delmarva Beggar-ticks	ALBA-C COLU-C DUTC-C GREE-C ORAN-? PUTN-? RENS-P ROCK-? ULST-C WEST-?	G3G4	S3	R
<i>Bidens hyperborea</i> var. <i>hyperborea</i>	Estuary Beggar-ticks	ALBA-? COLU-C DUTC-C GREE-C ORAN-? RENS-? SUFF-C ULST-?	G4T2T4	S1	E



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Bidens laevis	Smooth Bur-marigold	CAYU-P CHEM-? CHEN-? COLU-C	G5	S2	T
		CORT-? DUTC-C ERIE-? GENE-C			
		GREE-C JEFF-? MONR-? NASS-P			
		NIAG-? ONEI-? ONON-X ONTA-?			
		ORAN-C ORLE-C PUTN-C RENS-?			
		RICH-? ROCK-? SCHE-P SUFF-?			
		TOMP-? ULST-C WASH-? WAYN-?			
		WEST-?			
Blephilia ciliata	Downy Wood-mint	ALBA-C BROO-P ESSE-C GREE-C	G5	S1	E
		LIVI-P ONTA-P RENS-P WARR-P			
		WASH-P WEST-P			
Boechera grahamii	Purple Rock-cress	ALBA-C CLIN-C ESSE-C GREE-C	G5	S2	R
		JEFF-C OSWE-P RENS-C STLA-C			
		WARR-P			
Boechera missouriensis	Green Rock-cress	ALBA-C ESSE-C ORAN-C RENS-P	G5?Q	S2	T
		SARA-C SUFF-P ULST-C WARR-C			
		WASH-C			
Boechera shortii	Toothed Rock-cress	CHEM-P ONEI-P TIOG-P	G5	SH	E
Boechera stricta	Drummond's Rock-cress	CLIN-P DUTC-P GREE-C JEFF-C	G5	S2	E
		NIAG-P ONON-P ORAN-C SARA-P			
		STLA-C TOMP-P WARR-P WASH-P			
Bolboschoenus maritimus ssp. paludosus	Seaside Bulrush	BRON-P CAYU-C ERIE-P NASS-C	G5T5	S2	E
		ONON-P QUEE-P RICH-P SENE-P			
		SUFF-C WAYN-C WEST-?			
Bolboschoenus novae-angliae	Saltmarsh Bulrush	BRON-P NEWY-P ORAN-C QUEE-X	G5	S1	E
		ROCK-C SUFF-C WEST-P			
Botrychium campestre	Prairie Dunewort	ONON-P	G3G4	SH	E
Botrychium lunaria	Common Moonwort	ONEI-P ONON-C	G5	S1	E
Botrychium minganense	Mingan Moonwort	ONEI-? ONON-C	G4	S1	E



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Botrychium oneidense	Blunt-lobe Grape Fern	ALBA-C ALLE-C BRON-C BROO-C CATT-C CAYU-P CHAU-P CHEM-P CHEN-P CORT-P DELA-P ERIE-P ESSE-P GENE-P GREE-P HERK-P LEWI-P LIVI-P MADI-P MONR-P NASS-P ONEI-P ONON-P ORAN-P ORLE-P ROCK-P SARA-P SCHO-P STLA-P SUFF-C SULL-P TIOG-P TOMP-P ULST-P WARR-P WASH-C WEST-P WYOM-P	G4Q	S2S3	E
Botrychium rugulosum	Rugulose Grape Fern	ESSE-P GREE-P HAMI-C HERK-P MADI-P ONON-P STLA-C	G3	S1	E
Bouteloua curtipendula var. curtipendula	Side-oats Grama	ALBA-C COLU-P DUTC-C JEFF-C MONR-? ONTA-P ORAN-P QUEE-P RENS-C SCHE-C SUFF-P WEST-?	G5T5	S1	E
Bromus nottowayanus	Nottoway Brome Grass	ERIE-P TOMP-C WASH-P	G3G5	S1S2	U
Buchnera americana	Blue-hearts	CHEN-? ERIE-P MADI-? MONR-P ONTA-P YATE-P	G5?	SH	E
Calamagrostis perplexa	Wood Reedgrass	TOMP-C	G1	S1	E
Calamagrostis porteri ssp. porteri	Porter's Reedgrass	BROO-P CHEM-C STEU-P TIOG-P	G4T4	S1S2	U
Calamagrostis stricta ssp. inexpansa	New England Northern Reedgrass	ALBA-P CHEM-P CLIN-C COLU-P DUTC-P ESSE-C FRAN-P HAMI-C HERK-C MONR-P SENE-C STLA-C WASH-P WAYN-P YATE-P	G5T5	S2	T
Calamagrostis stricta ssp. stricta	Northern Reedgrass	CLIN-C	G5T5	S1	E
Calamintha arkansana	Calamint	DUTC-X ERIE-X NIAG-X	G5	SX	U
Callitriche hermaphroditica	Autumnal Water-starwort	BRON-P CLIN-P JEFF-P LEWI-C STLA-P SUFF-P	G5	S1	E
Callitriche terrestris	Terrestrial Starwort	COLU-C ESSE-P HERK-? NASS-? ONEI-P ONON-P ORAN-C RICH-P ROCK-C SUFF-C	G5	S2S3	T
Calypso bulbosa var. americana	Calypso	CLIN-P GENE-P HERK-P JEFF-? LEWI-P ONEI-P ONON-P OSWE-P SCHE-X STLA-P	G5T5?	SH	E



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Campanulastrum americanum	Tall Bellflower	CATT-P CHEM-P CHEN-? COLU-? DUTC-? ERIE-P GENE-? NIAG-P ONON-? ORAN-C QUEE-? RENS-? SENE-P SUFF-P TIOG-? TOMP-? YATE-?	G5	S1	U
Cardamine douglassii	Purple Cress	ALBA-P BRON-P CAYU-C CHAU-P CHEM-P DELA-P DUTC-P ERIE-C ESSE-P GENE-P LIVI-P MADI-P MONR-P NIAG-C ONON-P ONTA-C ORLE-P PUTN-P TOMP-C ULST-P WYOM-C YATE-P	G5	S2S3	U
Cardamine longii	Long's Bittercress	COLU-C GREE-C ORAN-C PUTN-C ROCK-C SUFF-C	G3	S2	T
Cardamine rotundifolia	Mountain Watercress	CATT-C ERIE-P ONTA-P	G4	S1	E
Carex abscondita	Thicket Sedge	BRON-P COLU-C NASS-P NEWY-P ORAN-C RICH-C ROCK-C STEU-C SUFF-P WEST-P	G4G5	S1	T
Carex aggregata	Glomerate Sedge	JEFF-P ONEI-P ONON-P ROCK-P	G5	SH	E
Carex amphibola	Narrow-leaved Sedge	ALBA-C BRON-P CATT-P CAYU-P COLU-P DUTC-C NASS-P ONEI-P QUEE-P TIOG-? TOMP-P ULST-P	G5	S1	E
Carex arcta	Northern Clustered Sedge	CATT-P CORT-P ESSE-P FRAN-P HERK-C STLA-? TOMP-P WEST-P	G5	S1	E
Carex atratiformis	Scabrous Black Sedge	ESSE-C	G5	S1	E
Carex backii	Back's Sedge	ALBA-C CLIN-C DUTC-C ESSE-C HAMI-P JEFF-C SARA-? SCHO-P STLA-C WARR-P WASH-C	G4	S2	T
Carex barrattii	Barratt's Sedge	NASS-C QUEE-X SUFF-C YATE-P	G4	S1	E
Carex bigelowii	Bigelow's Sedge	ESSE-C	G5	S2	T
Carex bullata	Button Sedge	MONR-P NASS-C ONEI-P ONTA-P QUEE-X RICH-P ROCK-P SUFF-C	G5	S1	E
Carex buxbaumii	Brown Bog Sedg	ALBA-P COLU-P DUTC-P ESSE-P GENE-P HERK-P KING-P LEWI-C LIVI-C MONR-C NASS-P ONEI-P ONON-C QUEE-X RENS-P SCHE-C SENE-C STEU-P STLA-C SUFF-C TOMP-? WARR-C YATE-P	G	S	T
Carex capillaris	Hair-like Sedge	CAYU-P CORT-X HAMI-C ONON	G5	S1	E



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<i>Carex careyana</i>	Carey's Sedge	CAYU-P ERIE-P GENE-P JEFF-P MADI-P MONR-P STLA-C TOMP-P WAYN-P	G4G5	S1S2	U
<i>Carex caroliniana</i>	Carolina Sedge	CATT-P NASS-? QUEE-X	G5	SH	E
<i>Carex chordorrhiza</i>	Creeping Sedge	CATT-C HERK-P JEFF-P LEWI-P ONEI-P ONON-X OSWE-C SARA-P SENE-P STLA-P WARR-C WAYN-P WYOM-C YATE-P	G5	S2	T
<i>Carex collinsii</i>	Collins' Sedge	NASS-P RICH-P SUFF-C	G4	S1	E
<i>Carex conjuncta</i>	Soft Fox Sedge	CHEM-P HERK-P ONEI-P RENS-P SARA-? WEST-P	G4G5	SH	E
<i>Carex crawei</i>	Crawe's Sedge	CLIN-C ERIE-P GENE-C HERK-P JEFF-C MONR-P ONEI-? STLA-P WARR-C	G5	S2	T
<i>Carex cumulata</i>	Clustered Sedge	ALBA-P CLIN-C DUTC-P ESSE-P FULT-P GREE-C ONEI-P ORAN-C PUTN-C ROCK-C SUFF-P SULL-? ULST-C WARR-P WASH-P	G4?	S2S3	T
<i>Carex davisii</i>	Davis' Sedge	ALBA-C COLU-P DUTC-C ERIE-P GREE-C LIVI-P MONR-P ONEI-P ORAN-C QUEE-P RENS-C SARA-? SCHE-X ULST-C WEST-P	G4	S2	T
<i>Carex debilis</i> var. <i>debilis</i>	White-edge Sedge	HAMI-C NASS-C ONEI-C SUFF-C	G5T5	S2	U
<i>Carex decomposita</i>	Cypress-knee Sedge	LIVI-P MONR-P ONEI-P ONTA-P SENE-P YATE-P	G3	SH	E
<i>Carex emoryi</i>	Emory's Sedge	CATT-C CLIN-C LIVI-C SULL-P	G5	S1	E
<i>Carex formosa</i>	Handsome Sedge	CAYU-P CLIN-C COLU-C DUTC-P ESSE-C GENE-C LIVI-C MONR-P ONEI-P ONTA-P OTSE-P RENS-P SCHE-P STLA-C WASH-C YATE-P	G4	S2	T
<i>Carex frankii</i>	Frank's Sedge	MADI-P ONEI-P ROCK-C TOMP-? ULST-C WAYN-C	G5	S1	E
<i>Carex garberi</i>	Elk Sedge	CAYU-P CLIN-P ERIE-P JEFF-P NIAG-C WARR-P WAYN-P	G5	S1	E



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<i>Carex glaucoidea</i>	Glaucous Sedge	ALBA-P BRON-P DUTC-P GREE-P ONON-X ORAN-C RENS-P RICH-P ROCK-P SCHE-X TOMP-C ULST-C	G5	S2S3	E
<i>Carex gynocrates</i>	Northern Bog Sedge	GENE-C HERK-P LEWI-P MONR-P OSWE-P SENE-P STLA-C WAYN-P YATE-?	G5	S1	E
<i>Carex haydenii</i>	Cloud Sedge	ALBA-P CATT-P CAYU-P CHEN-P CLIN-C ERIE-P ESSE-P FRAN-C HAMI-P HERK-P JEFF-P LEWI-P MADI-P ONON-? ORAN-C STEU-P	G5	S1	E
<i>Carex hormathodes</i>	Marsh Straw Sedge	BRON-P KING-X NASS-P ORAN-C QUEE-X RICH-P ROCK-C SUFF-C YATE-P	G4G5	S2S3	T
<i>Carex houghtoniana</i>	Houghton's Sedge	CLIN-C ESSE-C FRAN-P FULT-P HAMI-P JEFF-C MONR-? ONEI-? OSWE-C SARA-P WARR-P	G5	S2	T
<i>Carex jamesii</i>	James' Sedge	GENE-C JEFF-P LIVI-C MONR-C ONTA-P TOMP-C WAYN-P	G5	S2	T
<i>Carex livida</i>	Livid Sedge	ESSE-C HERK-C JEFF-C MADI-P MONR-P ONEI-P OSWE-C	G5	S1	E
<i>Carex lupuliformis</i>	False Hop Sedge	ALBA-P BRON-P CAYU-P ERIE-C ESSE-C FULT-P GENE-P GREE-C JEFF-? LEWI-C MONR-C ONEI-? ONTA-C ORAN-C PUTN-? ROCK-P SENE-P STEU-C SUFF-P TOMP-P ULST-C WASH-C WAYN-P WEST-P YATE-P	G4	S2	R
<i>Carex meadii</i>	Mead's Sedge	ERIE-P HERK-P ORAN-? QUEE-X YATE-P	G4G5	SH	E
<i>Carex merritt-feraldii</i>	Fernald's Sedge	CLIN-C DUTC-P ESSE-C FRAN-C GREE-P JEFF-C RENS-P SARA-P STLA-C SUFF-C ULST-P WARR-C WASH-C WYOM-P	G5	S2S3	T
<i>Carex mesochorea</i>	Midland Sedge	NASS-C ONON-C ORAN-C RENS-C ROCK-C SUFF-C	G4G5	S2	E
<i>Carex mitchelliana</i>	Mitchell's Sedge	NASS-C ONEI-? QUEE-P SUFF-C WEST-P	G4	S1S2	T



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Carex molesta	Troublesome Sedge	ALBA-P BRON-P CAYU-P CHEM-? COLU-P ERIE-P GENE-P HAMI-P JEFF-C LIVI-? MONR-P MONT-P NASS-P NIAG-P ONEI-P ONON-C ORAN-P RENS-P ROCK-P SCHE-P SENE-? TIOG-? TOMP-P ULST-P WASH-? WEST-? YATE-C	G4	S2S3	T
Carex nigra	Black Sedge	DUTC-P MONR-? ONEI-? RENS-? WAYN-?	G5	S1	E
Carex nigromarginata	Black-edge Sedge	MONR-P NASS-P ORAN-C SUFF-P WEST-P	G5	S1S2	E
Carex polymorpha	Variable Sedge	NASS-X QUEE-X SUFF-X	G3	SX	U
Carex retroflexa	Reflexed Sedge	ALBA-P BRON-P CAYU-P CHEM-P CLIN-P COLU-P DUTC-P ERIE-P GREE-P HAMI-P MONR-P NASS-P NEWY-P NIAG-P ONON-C ONTA-P ORAN-C QUEE-P RENS-? RICH-P ROCK-C SARA-P SCHE-? SCHO-P SUFF-P TOMP-P ULST-P WARR-P WASH-P WEST-P YATE-P	G5	S2S3	E
Carex reznicekii	Reznicek's Sedge	NEWY-P ORAN-C ULST-C	G5	S1S2	U
Carex richardsonii	Richardson's Sedge	MONR-X	G4	SX	U
Carex sartwellii	Sartwell's Sedge	CAYU-P ERIE-P MADI-P MONR-C ONEI-P ONON-P SENE-C STLA-C WAYN-P YATE-P	G4G5	S1S2	T
Carex schweinitzii	Schweinitz's Sedge	ALLE-C BRON-P CATT-C CAYU-P CLIN-P COLU-P CORT-C DUTC-P ERIE-C GREE-P HERK-P MADI-C MONR-P NEWY-X ONEI-C ONON-P OSWE-P QUEE-P RENS-P SCHO-P TIOG-P TOMP-C WAYN-P WYOM-C	G3G4	S2S3	T
Carex scirpoidea ssp. scirpoidea	Canadian Single-spike Sedge	ESSE-C WASH-C	G5T5	S1	E
Carex shortiana	Short's Sedge	ONON-C SUFF-P WAYN-C	G5	S1	E
Carex straminea	Straw Sedge	BRON-P CAYU-P DUTC-P GREE-P LIVI-C NASS-P ONTA-P ORAN-C OSWE-P QUEE-P RICH-P ROCK-P SCHE-P SUFF-P ULST-P WASH-P WAYN-P WEST-P YATE-P	G5	S1	E



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<i>Carex striatula</i>	Lined Sedge	KING-X ORAN-C RICH-P SUFF-P	G4G5	S1	E
<i>Carex styloflexa</i>	Bent Sedge	BRON-P MADI-P NASS-P ORAN-? QUEE-X RENS-C RICH-P SUFF-C TIOG-? WEST-P	G4G5	S1	E
<i>Carex sychnocephala</i>	Many-head Sedge	HERK-P JEFF-P ONEI-P STLA-X	G4	SH	E
<i>Carex tenuiflora</i>	Sparse-flowered Sedge	ERIE-P ESSE-P LEWI-C MADI-P ONEI-P OSWE-C SARA-P STLA-C WARR-P	G5	S1	E
<i>Carex tinctoria</i>	Tinged Sedge	DUTC-P HERK-P RENS-X	G4G5	SH	E
<i>Carex typhina</i>	Cat-tail Sedge	BRON-P CATT-P CLIN-C COLU-P DUTC-P ESSE-P KING-P ONEI-P ORAN-C QUEE-C RICH-P STEU-P SUFF-C SULL-P TIOG-P WASH-C WEST-C	G5	S1	T
<i>Carex vaginata</i>	Sheathed Sedge	CORT-P ESSE-P GENE-C LEWI-P MONR-P	G5	S1	E
<i>Carex venusta</i>	Dark-green sedge	NASS-P SUFF-C	G4	S1	E
<i>Carex wiegandii</i>	Wiegand's Sedge	FRAN-C LEWI-C	G4	S1	E
<i>Carya laciniata</i>	Big Shellbark Hickory	CATT-C CAYU-C CHEM-P ERIE-C LIVI-C MONR-C ONEI-P ONON-P ROCK-P SENE-P STEU-P TIOG-? TOMP-P WAYN-C WEST-?	G5	S2	T
<i>Castilleja coccinea</i>	Scarlet Indian-paintbrush	CAYU-? DUTC-C ERIE-P GENE-P JEFF-C LIVI-P MADI-? MONR-P NASS-? NIAG-P ONON-P ONTA-P ORAN-P QUEE-X RICH-P ROCK-P SENE-P STEU-P STLA-C TOMP-? ULST-P WEST-P YATE-P	G5	S1	E
<i>Ceanothus herbaceus</i>	Prairie Redroot	CHEM-P CLIN-C JEFF-C	G5	S1	E
<i>Cenchrus tribuloides</i>	Dune Sandspur	ALBA-P BRON-P KING-C NASS-P QUEE-C RICH-C SUFF-?	G5	S2	T
<i>Chaerophyllum procumbens</i>	Spreading Chervil	CHEM-P CHEN-? ERIE-C GENE-P MONR-P ONON-P TOMP-P WAYN-P	G5	S1	E
<i>Chamaecyparis thyoides</i>	Atlantic White Cedar	NASS-C ORAN-C PUTN-C RICH-X SUFF-C	G4	S3	R



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Chamaelirium luteum	Fairy Wand	BRON-X BROO-P CATT-C CAYU-? CHAU-P CHEM-P COLU-P DUTC-C ERIE-C GENE-P GREE-? LIVI-P MONR-P MONT-? ONON-P ORAN-? PUTN-X QUEE-X RENS-P RICH-? ROCK-P SCHO-P SENE-P STEU-? TIOG-P TOMP-P ULST-? WASH-P WEST-P YATE-P	G5	S1S2	T
Chasmanthium laxum	Slender Spikegrass	NASS-X RICH-X SUFF-C	G5	S1	E
Cheilanthes lanosa	Woolly Lip-fern	BRON-X DUTC-X NASS-? NEWY-X ROCK-X ULST-P WEST-X	G5	SH	E
Chenopodium berlandieri var. macrocalycium	Large Calyx Goosefoot	BRON-P KING-P NASS-P QUEE-P RICH-P SUFF-C WEST-P	G5T4	S1S2	E
Chenopodium rubrum	Red Pigweed	BRON-P CAYU-? KING-P MONR-P NASS-C NEWY-? ONEL-? ONON-X RENS-? RICH-? SENE-? STLA-? SUFF-C TOMP-? WEST-P	G5	S2	T
Cirsium altissimum	Tall Thistle	BRON-X ESSE-X KING-X MONT-X NEWY-? RENS-? RICH-X SARA-? SCHE-? SUFF-X WEST-X	G5	SX	U
Clematis ochroleuca	Curly-heads	KING-X NASS-X RICH-X SUFF-?	G4	SX	U
Collinsia verna	Blue-eyed-Mary	ALLE-P CHAU-? ERIE-P HERK-P MADI-P MONR-P NIAG-? ONEL-P SCHE-? TOMP-P	G5	SH	E
Commelina erecta var. erecta	Slender Dayflower	NEWY-X QUEE-? RICH-?	G5T5	SX	U
Corallorhiza striata var. striata	Striped Coralroot	JEFF-P LEWI-P MADI-C MONR-P ORLE-P	G5T4T5	S1	E
Corema conradii	Broom Crowberry	ULST-C	G4	S1	E
Coreopsis rosea	Rose Coreopsis	NASS-X SUFF-C	G3	S3	R
Cornus drummondii	Rough-leaf Dogwood	CATT-C ERIE-C NIAG-P	G5	S1	E
Corydalis aurea	Golden Corydalis	CLIN-C DUTC-P ESSE-C JEFF-C LEWI-? NASS-P NEWY-? ROCK-P SARA-P TOMP-P ULST-P WASH-C	G5	S2	T
Crassula aquatica	Water Pigmyweed	ORAN-C PUTN-P ROCK-C SUFF-C ULST-P WEST-P	G5	S1	E



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<i>Crataegus berberifolia</i>	Barberry-leaved Hawthorn	SUFF-C	G4	S1	E
<i>Crataegus mollis</i>	Downy Hawthorn	SUFF-C	G5	S1	E
<i>Crataegus uniflora</i>	Dwarf Hawthorn	CATT-P RICH-C SUFF-P	G5	S1	E
<i>Crotalaria sagittalis</i>	Rattlebox	BRON-P COLU-P DUTC-P LEWL-? NASS-C NEWY-P ORAN-P PUTN-P QUEE-P RENS-? RICH-? ROCK-C SARA-P SUFF-P ULST-P WEST-C	G5	S1	E
<i>Cuscuta campestris</i>	Field Dodder	ERIE-C ONON-P PUTN-C QUEE-? SUFF-C	G5	S1	U
<i>Cuscuta cephalanthi</i>	Button-bush Dodder	CAYU-P DUTC-C MONR-? NASS-P ONON-? ONTA-? RICH-P ROCK-P SENE-P TOMP-? ULST-C WASH-P	G5	S1	E
<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	Southern Dodder	GREE-C RICH-C ROCK-C	G5T4T5	S1	E
<i>Cuscuta polygonorum</i>	Smartweed Dodder	DUTC-C MONR-P NASS-C NIAG-C PUTN-C QUEE-C SUFF-P ULST-?	G5	S1	E
<i>Cynoglossum virginianum</i> var. <i>boreale</i>	Northern Wild Comfrey	ALBA-P CATT-P CHEM-P CLIN-C DELA-? ERIE-P ESSE-P FRAN-? GENE-P GREE-P JEFF-P LEWL-C LIVI-P MADI-P MONR-P NIAG-P ONEI-? ONON-P ORAN-P SARA-P SCHE-P SCHO-P SCHU-P TIOG-P TOMP-P ULST-P WARR-P WASH-P YATE-P	G5T4T5	S1S2	E
<i>Cynoglossum virginianum</i> var. <i>virginianum</i>	Wild Comfrey	CORT-P NASS-P ONTA-P RICH-P SUFF-P	G5T5	SH	E
<i>Cyperus echinatus</i>	Globose Flatsedge	BRON-C FRAN-? NEWY-X QUEE-X RICH-C WEST-P	G5	S1	E
<i>Cyperus flavescens</i>	Yellow Flatsedge	BRON-C KING-C NASS-C NEWY-C QUEE-C RICH-? ROCK-C SUFF-C WEST-P	G5	S1	E
<i>Cyperus lupulinus</i> ssp. <i>lupulinus</i>	Hop Sedge	ALBA-P BRON-P KING-X ONEI-P ONON-? OSWE-? PUTN-C QUEE-C RICH-C SARA-? SUFF-C WARR-C	G5T5?	S2	T
<i>Cyperus plukenetii</i>	Galingale	NEWY-? RICH-X	G5	SX	U
<i>Cyperus polystachyos</i> var. <i>texensis</i>	Coast Flatsedge	NASS-P QUEE-P RICH-P SUFF-C	G5T5	S1S2	E



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<i>Cyperus retrorsus</i> var. <i>retrorsus</i>	Retrorse Flatsedge	KING-P NASS-P QUEE-C RICH-P SUFF-C WEST-P	G5T5	S1	E
<i>Cypripedium arietinum</i>	Ram's-head Ladyslipper	ALBA-C CLIN-C ESSE-C FULT-P HERK-C JEFF-C LEWI-C MADI-? MONT-P ONEI-P ONON-P OSWE-P OTSE-P SCHE-X WARR-P WAYN-P	G3	S2	T
<i>Cypripedium candidum</i>	Small White Ladyslipper	CHEM-? ERIE-P GENE-C LIVI-C ONON-P ONTA-? OTSE-? SCHU-P WARR-P	G4	S1	E
<i>Cypripedium parviflorum</i> var. <i>parviflorum</i>	Small Yellow Ladyslipper	BRON-X CHEM-P LEWI-P LIVI-P MADI-P ONEI-P ONON-P OTSE-? RENS-P SCHE-P STLA-P TOMP-P ULST-P WEST-X WYOM-P	G5T3T5	SH	E
<i>Cystopteris protrusa</i>	Lowland Fragile Fern	ERIE-P RICH-C SENE-P SUFF-P TOMP-P	G5	S1	E
<i>Descurainia pinnata</i> ssp. <i>brachycarpa</i>	Northern Tansy-mustard	CLIN-C DUTC-P ERIE-P ESSE-C SCHU-P SUFF-P TOMP-P	G5T5	S1	E
<i>Desmodium ciliare</i>	Little-leaf Tick-trefoil	ALBA-P BRON-P DUTC-P ERIE-P GENE-C MADI-P MONR-C NASS-C NEWY-? ONEI-? ONON-C ORAN-? OSWE-P QUEE-P RICH-? SCHE-? SENE-? SUFF-C WEST-P YATE-?	G5	S2S3	T
<i>Desmodium humifusum</i>	Spreading Tick-trefoil	BRON-? ORAN-P WEST-P	G1G2Q	SH	E
<i>Desmodium laevigatum</i>	Smooth Tick-trefoil	ALBA-P BRON-P NASS-? NEWY-? QUEE-X RICH-? SUFF-P WEST-P	G5	SH	E
<i>Desmodium nuttallii</i>	Nuttall's Tick-trefoil	ALBA-P BRON-P HERK-P KING-X NEWY-P ONON-? RICH-P SCHE-? SENE-? SUFF-? WEST-? YATE-P	G5	SH	E
<i>Desmodium obtusum</i>	Stiff Tick-trefoil	ALBA-? BRON-P CHEM-P ERIE-? MONR-C NASS-P NEWY-? ONON-? ORAN-C OSWE-P RICH-? SCHE-? SUFF-C TIOG-P ULST-? WEST-P	G4G5	S1	E
<i>Desmodium pauciflorum</i>	Small-flowered Tick-trefoil	CAYU-? CHEM-P GENE-P MONR-P SARA-P SENE-? TIOG-? WAYN-? WEST-?	G5	SH	E
<i>Diapensia lapponica</i> var. <i>lapponica</i>	Diapensia	ESSE-C	G5T3T5	S2	T
<i>Diarrhena obovata</i>	Beakgrass	ULST-C	G4G5	S2	E



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<i>Dichanthelium leibergii</i>	Leiberg's Panic Grass	RENS-C SCHU-P	G5	S1	E
<i>Dichanthelium oligosanthes</i> var. <i>oligosanthes</i>	Few-flowered Panic Grass	ALBA-P BRON-P KING-P PUTN-P RICH-P ROCK-P SUFF-C ULST-P WEST-P	G5T5?	S1	E
<i>Dichanthelium scabriusculum</i>	Rough Panic Grass	NASS-P ONEI-P OSWE-P QUEE-P SUFF-C	G4	SH	E
<i>Dichanthelium scoparium</i>	Velvet Panic Grass	BRON-P KING-X NEWY-P QUEE-P RICH-C SENE-P SUFF-P TIOG-P YATE-P	G5	S1	E
<i>Dichanthelium wrightianum</i>	Wright's Panic Grass	SUFF-C	G4	S1S2	E
<i>Digitaria filiformis</i>	Slender Crabgrass	ALBA-? BRON-P DUTC-? NASS-P NEWY-P QUEE-P RICH-P SUFF-C ULST-P WEST-? YATE-P	G5	S1	T
<i>Diospyros virginiana</i>	Persimmon	BRON-C KING-? NASS-C NEWY-P RICH-C SUFF-C WEST-?	G5	S2	T
<i>Diphasiastrum complanatum</i>	Northern Running-pine	CORT-P ESSE-C GREE-P LEWI-C ONEI-C STLA-C ULST-P	G5	S1	E
<i>Diphasiastrum sitchense</i>	Sitka Clubmoss	DELA-P ESSE-P FRAN-C STLA-?	G5	S1	E
<i>Dodecatheon meadia</i> ssp. <i>meadia</i>	Shooting-star	STEU-X	G5T5	SX	U
<i>Draba arabisans</i>	Rock-cress	CLIN-C ERIE-P ESSE-C GENE-C JEFF-C LEWI-P NIAG-P ONEI-? ONON-P STLA-P TOMP-C WASH-C YATE-C	G4	S2	T
<i>Draba glabella</i>	Smooth Rock-cress	CLIN-C WASH-C	G4G5	S1	E
<i>Draba reptans</i>	Carolina Whitlow-grass	DUTC-C JEFF-C NEWY-P QUEE-? RICH-? SUFF-P WEST-?	G5	S2	T
<i>Dracocephalum parviflorum</i>	American Dragonhead	ERIE-P FRAN-? JEFF-C LEWI-P ONEI-? STLA-?	G5	S1	E
<i>Dryopteris celsa</i>	Log Fern	GENE-P MONR-P ONTA-C RICH-P SENE-?	G4	S1	E
<i>Dryopteris fragrans</i>	Fragrant Cliff Fern	ESSE-C FRAN-P GREE-C HAMI-P	G5	S1	E
<i>Echinodorus tenellus</i>	Burhead	CORT-X KING-X ONON-X QUEE-X	G5?	SX	U



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<i>Elatine americana</i>	American Waterwort	ALBA-P COLU-P DUTC-P GREE-C ONEI-? ONON-X ORAN-C RENS-P ROCK-P SUFF-C ULST-P	G4	S1	E
<i>Eleocharis aestuum</i>	Tidal Spikerush	COLU-C GREE-C ULST-P	G3	S1	U
<i>Eleocharis diandra</i>	Wright's Spikerush	MADI-P ONEI-C RENS-P	G1G2	S1	U
<i>Eleocharis engelmannii</i>	Engelmann's Spikerush	BRON-P COLU-P KING-X NASS-P QUEE-P SUFF-C	G4G5Q	S1	E
<i>Eleocharis equisetoides</i>	Knotted Spikerush	DUTC-C MONR-P NASS-X ONEI-? ONON-? SUFF-C WEST-?	G4	S2	T
<i>Eleocharis fallax</i>	Creeping Spikerush	BRON-P SUFF-C ULST-P	G4G5	S1	E
<i>Eleocharis ovata</i>	Ovate Spikerush	ALBA-P CLIN-C COLU-P DUTC-C ERIE-P ESSE-P FRAN-P GENE-C GREE-P HAMI-P HERK-P KING-P LIVI-P MADI-P NASS-C ONEI-P ORAN-? OSWE-P PUTN-? RENS-P RICH-P ROCK-? SARA-P STLA-P SUFF-C SULL-P ULST-C WARR-P WASH-? WEST-?	G5	S1S2	E
<i>Eleocharis quadrangulata</i>	Angled Spikerush	CAYU-C OSWE-P RICH-C ROCK-P SUFF-C ULST-P WEST-C	G4	S1	E
<i>Eleocharis tenuis</i> var. <i>pseudoptera</i>	Slender Spikerush	BRON-C PUTN-P QUEE-X SUFF-C	G5T5?	S1	E
<i>Eleocharis tortilis</i>	Twisted Spikerush	NASS-X	G5	SX	U
<i>Eleocharis tricostata</i>	Three-ribbed Spikerush	SENE-P SUFF-C WEST-P	G4	S1	E
<i>Eleocharis tuberculosa</i>	Long-tubercled Spikerush	NASS-P QUEE-P RICH-P SUFF-C WEST-P	G5	S2	T
<i>Eleocharis uniglumis</i> var. <i>halophila</i>	Salt-marsh Spikerush	BRON-P CAYU-P JEFF-P KING-P NASS-P NEWY-P ONEI-X OSWE-P QUEE-? ROCK-C SUFF-C	G4T4	S2	T
<i>Ellisia nyctelea</i>	Aunt Lucy	NEWY-X	G5	SX	U
<i>Elymus glaucus</i> ssp. <i>glaucus</i>	Blue Wild Rye	SULL-C	G5T5	S1	U
<i>Empetrum eamesii</i> ssp. <i>atropurpureum</i>	Purple Crowberry	ESSE-C	G5T5	S1	E
<i>Empetrum nigrum</i> ssp. <i>hermaphroditum</i>	Black Crowberry	ESSE-C SUFF-X	G5T5	S3	R



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<i>Enemion biternatum</i>	False Rue-anemone	ERIE-X	G5	SX	U
<i>Epilobium hornemannii</i> ssp. <i>hornemannii</i>	Alpine Willow-herb	ESSE-C HERK-? JEFF-C	G5T5	S1	E
<i>Equisetum laevigatum</i>	Smooth Scouring Rush	CAYU-X JEFF-X LEWI-X TOMP-X WAYN-X	G5	SX	E
<i>Equisetum palustre</i>	Marsh Horsetail	CLIN-C DUTC-C ERIE-P HERK-P JEFF-P LEWI-C MADI-C MONR-P NIAG-? ONON-X ORLE-? OSWE-P SCHU-C STLA-C TOMP-C WASH-C WEST-P	G5	S2	T
<i>Equisetum pratense</i>	Meadow Horsetail	CLIN-C DELA-P DUTC-? ESSE-C NIAG-? ONEI-P PUTN-C STLA-C SUFF-P ULST-C WASH-C WEST-P	G5	S2	T
<i>Erechtites hieraciifolia</i> var. <i>megalocarpa</i>	Fireweed	SUFF-C	G5T3	S1	E
<i>Erigenia bulbosa</i>	Harbinger-of-spring	BROO-P ERIE-P MONR-C NIAG-C	G5	S1	E
<i>Erigeron hyssopifolius</i>	Daisy Fleabane	ESSE-X HAMI-C	G5	S1	E
<i>Erigeron philadelphicus</i> var. <i>provancheri</i>	Provancher's Fleabane	DUTC-P	G5T2Q	S1	U
<i>Eriocaulon parkeri</i>	Estuary Hatpins	ALBA-X COLU-X DUTC-X GREE-X ORAN-X ROCK-X ULST-X	G3	SX	U
<i>Eriophorum angustifolium</i> ssp. <i>scabriusculum</i>	Narrow-leaf Cottongrass	CHAU-? DUTC-? FRAN-P JEFF-P MONR-? ONEI-P RENS-? SENE-P	G5T5	SH	E
<i>Eryngium aquaticum</i>	Marsh Eryngo	NEWY-X RICH-X	G4	SX	U
<i>Euonymus americanus</i>	American Strawberry-bush	BRON-P ERIE-? MONR-P NASS-C NEWY-? QUEE-P RICH-C ROCK-P SCHE-? WEST-?	G5	S1	E
<i>Eupatorium album</i> var. <i>subvenosum</i>	White Boneset	BRON-P NASS-P QUEE-? RICH-C SUFF-C	G5T3T4	S2S3	T
<i>Eupatorium hyssopifolium</i> var. <i>laciniatum</i>	Fringed Boneset	NASS-C QUEE-C RICH-C SUFF-C	G5T4T5	S2	T
<i>Eupatorium leucolepis</i> var. <i>leucolepis</i>	White-bracted Boneset	RICH-C SUFF-C	G5T5	S1	E
<i>Eupatorium resinosum</i>	Pine Barrens Boneset	QUEE-X	G3	SX	U



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<i>Eupatorium rotundifolium</i> var. <i>ovatum</i>	Serrate Round-leaf Boneset	QUEE-P SUFF-C	G5T5	S1	E
<i>Eupatorium rotundifolium</i> var. <i>rotundifolium</i>	Round-leaf Boneset	NASS-P QUEE-P RICH-P SUFF-P	G5T5	SH	E
<i>Euphorbia ipecacuanhae</i>	American Ipecac	NASS-C ONON-X QUEE-? RICH-P SUFF-C	G5?	S1	E
<i>Eurybia radula</i>	Swamp Aster	NASS-P QUEE-X RICH-P STLA-P SUFF-P	G5	SH	E
<i>Eurybia spectabilis</i>	Showy Aster	ONON-X RICH-? ROCK-C SUFF-C	G5	S2	T
<i>Euthamia gymnospermoides</i>	Flat-top Goldenrod	NASS-P SUFF-P	G5	SH	U
<i>Festuca saximontana</i> var. <i>saximontana</i>	Sheep Fescue	ESSE-C	G5T5?	S1	E
<i>Fimbristylis caroliniana</i>	Carolina Fimbry	SUFF-X	G4	SX	U
<i>Fimbristylis castanea</i>	Marsh Fimbry	QUEE-P RICH-? SUFF-C WEST-?	G5	S2	T
<i>Fimbristylis puberula</i> var. <i>puberula</i>	Hairy Fimbry	NASS-X	G5T5?	SX	U
<i>Frasera caroliniensis</i>	Green Gentian	ALLE-C ERIE-P GENE-C LIVI-C MONR-P ONEI-? ONTA-P WYOM-C	G5	S2	T
<i>Galactia volubilis</i>	Downy Milk-pea	CHAU-? MONR-X NEWY-X QUEE-X RICH-? SUFF-X WEST-X	G5	SX	U
<i>Galium concinnum</i>	Shining Bedstraw	CATT-P DUTC-C MONR-P ONON-P ONTA-P PUTN-C	G5	S1	E
<i>Galium kamschaticum</i>	Northern Wild-licorice	ESSE-C HAMI-P	G5	S1	E
<i>Gamochaeta purpurea</i>	Purple Everlasting	ALBA-P CATT-C KING-? NEWY-? ONON-? ONTA-? QUEE-? RICH-C SUFF-C WEST-C	G5	S1	E
<i>Gaylussacia bigeloviana</i>	Northern Dwarf Huckleberry	NASS-P PUTN-C SUFF-C	G4G5	S1S2	E
<i>Gentiana puberulenta</i>	Prairie Gentian	ERIE-X MONR-X	G4G5	SX	U
<i>Gentiana saponaria</i>	Soapwort Gentian	DUTC-P KING-X NASS-P NEWY-X QUEE-X RICH-C SUFF-P	G5	S1	E
<i>Gentianopsis virgata</i>	Lesser Fringed Gentian	ERIE-P MONR-P NIAG-C STLA-C	G5	S1	E
<i>Geocaulon lividum</i>	False Toadflax	ESSE-C	G5	S1	E



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<i>Geum macrophyllum</i> var. <i>macrophyllum</i>	Bigleaf Yellow Avens	ESSE-P ULST-C	G5T5	S1	U
<i>Geum triflorum</i> var. <i>triflorum</i>	Prairie-smoke	JEFF-C OSWE-?	G5T5?	S2	T
<i>Geum virginianum</i>	Rough Avens	ALBA-P BRON-P CAYU-P CHEM-P COLU-P DUTC-? ERIE-P GREE-C JEFF-C LIVI-C MADI-P MONR-P NASS-X NIAG-? ONEI-P ONON-P ONTA-P ORAN-C PUTN-C QUEE-P RENS-? ROCK-P SCHE-P SCHU-? STLA-P SUFF-C SULL-? TIOG-P ULST-C WASH-P WEST-P	G5	S2	E
<i>Glycyrrhiza lepidota</i>	American Licorice	ERIE-X	G5	SX	U
<i>Gymnocladus dioicus</i>	Kentucky Coffee Tree	CAYU-C JEFF-P ONEI-P ONON-P ONTA-C TOMP-C	G5	S1	E
<i>Hackelia deflexa</i> var. <i>americana</i>	Northern Stickseed	ALBA-P CLIN-X JEFF-C SCHO-P	G5T5	S1	E
<i>Halenia deflexa</i>	Spurred Gentian	CLIN-C ESSE-C HAMI-C HERK-P ONEI-P SULL-P WARR-C	G5	S1	E
<i>Harrimanella hypnoides</i>	Moss-heather	ESSE-X HAMI-X	G5	SX	U
<i>Hasteola suaveolens</i>	Sweet-scented Indian-plantain	CATT-C CHEM-P CHEN-P GENE-P LIVI-C MONR-P ONON-P TIOG-P	G4	S1	E
<i>Hedeoma hispida</i>	Mock-pennyroyal	ALBA-C CLIN-P COLU-C DUTC-C ESSE-C FRAN-P HERK-P JEFF-C RENS-P SARA-C SCHE-P STLA-P SUFF-P ULST-C WARR-P WASH-P	G5	S2S3	T
<i>Helianthemum dumosum</i>	Bushy Rockrose	NASS-C SUFF-C	G3	S2	T
<i>Helianthemum propinquum</i>	Early Frostweed	NASS-C SUFF-C	G4	S2S3	U
<i>Helianthus angustifolius</i>	Swamp Sunflower	KING-X NASS-P QUEE-X RICH-? SUFF-C	G5	S2	T
<i>Helonias bullata</i>	Swamp Pink	RICH-X	G3	SX	U
<i>Hippuris vulgaris</i>	Common Mare's-tail	CAYU-P CORT-P ESSE-P FRAN-C LEWI-C ONTA-P OTSE-P SENE-P STLA-P WASH-P	G5	S1	E
<i>Hottonia inflata</i>	Featherfoil	JEFF-? NASS-P ORAN-C QUEE-X RICH-C ROCK-P SUFF-C WEST-C	G4	S2	T



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<i>Houstonia purpurea</i> var. <i>calycosa</i>	Southern Bluets	ESSE-P NASS-P SUFF-P TOMP-P ULST-P WASH-P	G5T5	SH	E
<i>Houstonia purpurea</i> var. <i>purpurea</i>	Purple Bluets	MONR-? SUFF-P WASH-P WEST-P	G5T5	SH	E
<i>Huperzia appressa</i>	Appalachian Firmoss	ESSE-C GREE-P ULST-P	G4G5	S2	T
<i>Huperzia selago</i>	Fir Clubmoss	ESSE-P STLA-P	G5	SH	E
<i>Hydrangea arborescens</i>	Wild Hydrangea	BRON-P BROO-P CHEM-C CHEN-P DELA-? ORAN-P PUTN-P ROCK-P STEU-P SULL-P TIOG-? WYOM-C	G5	S2	E
<i>Hydrastis canadensis</i>	Golden-seal	ALBA-C BRON-C CAYU-C COLU-P DUTC-C ERIE-C GENE-C HERK-C LIVI-C MADI-C MONR-C NIAG-P ONEI-? ONON-P ORAN-? ORLE-P RENS-C SARA-C SCHU-P TOMP-P ULST-P WAYN-P WYOM-C YATE-?	G4	S2	T
<i>Hydrocotyle ranunculoides</i>	Floating Pennywort	CHAU-C	G5	S1	E
<i>Hydrocotyle verticillata</i>	Whorled-pennywort	RICH-C SUFF-C	G5	S1	E
<i>Hylotelephium telephioides</i>	Live-forever	DELA-? DUTC-P FULT-P ONEI-P SUFF-P WASH-P WEST-P	G4	SH	E
<i>Hypericum adpressum</i>	Creeping St. John's-wort	NASS-X SUFF-C	G3	S2	E
<i>Hypericum densiflorum</i>	Bushy St. John's-wort	NASS-C SUFF-C	G5	S1	E
<i>Hypericum denticulatum</i>	Coppery St. John's-wort	SUFF-C	G5	S1	E
<i>Hypericum gymnanthum</i>	Clasping-leaved St. John's-wort	SUFF-X	G4	SX	U
<i>Hypericum hypericoides</i> ssp. <i>multicaule</i>	St. Andrew's Cross	NASS-C RICH-P SUFF-C	G5T4	S1	E
<i>Hypericum kalmianum</i>	Kalm's St. John's-wort	NIAG-X	G4	SX	U
<i>Hypericum prolificum</i>	Shrubby St. John's-wort	ALLE-P BRON-? CATT-C CHEN-? COLU-P CORT-P NIAG-? OSWE-P SARA-P SENE-C SUFF-C WEST-C	G5	S2	T
<i>Ipomoea pandurata</i>	Wild Potato-vine	BRON-? CATT-P DUTC-? ERIE-? MONR-C RICH-C ROCK-C	G5	S1	E
<i>Iris prismatica</i>	Slender Blue Flag	BRON-C DUTC-? KING-X NASS-P ONON-X QUEE-X RICH-C ROCK-P SUFF-C WEST-P	G4G5	S2	T



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<i>Iris virginica</i> var. <i>shrevei</i>	Southern Blue Flag	ERIE-C	G5T5	S1	E
<i>Isoetes riparia</i>	Riverbank Quillwort	BRON-P CLIN-? COLU-C DUTC-P ESSE-P GREE-P ORAN-P RENS-P ROCK-C SARA-P STLA-P SUFF-P SULL-C ULST-P WASH-P	G5?	S1	E
<i>Isotria medeoloides</i>	Small Whorled Pogonia	NASS-P ONON-P ROCK-P SUFF-P ULST-P WASH-P	G2	SH	E
<i>Jeffersonia diphylla</i>	Twin-leaf	ALLE-C CATT-P CAYU-C ERIE-C GENE-C JEFF-P LIVI-C MONR-C ONON-C ONTA-C ORLE-P RENS-C SENE-C STEU-C WAYN-P WEST-P YATE-C	G5	S2	T
<i>Juncus ambiguus</i>	Doubtful Toad-rush	SUFF-C	G5	S1	E
<i>Juncus biflorus</i>	Large Grass-leaved Rush	BRON-C NASS-C RICH-C SUFF-C	G5	S1	E
<i>Juncus brachycarpus</i>	Short-fruit Rush	BRON-C NASS-P SUFF-P	G4G5	S1	E
<i>Juncus debilis</i>	Weak Rush	NASS-C ORAN-C SCHE-? SUFF-C	G5	S1	E
<i>Juncus ensifolius</i>	Ensiform Rush	DELA-C SULL-C	G5	S1	E
<i>Juncus scirpoides</i>	Scirpus-like Rush	BRON-P NASS-P ONON-X OTSE-? QUEE-C RICH-C SUFF-C	G5	S1	E
<i>Juncus stygius</i> ssp. <i>americanus</i>	Moor Rush	ESSE-P HERK-P JEFF-P	G5T5	SH	E
<i>Juncus subcaudatus</i>	Woodland Rush	BRON-P CATT-C DELA-P ERIE-? NASS-C ONEI-P ORAN-C ROCK-? SARA-P SUFF-C SULL-P ULST-C	G5	S1	E
<i>Juncus trifidus</i>	Arctic Rush	ESSE-C ULST-C	G5	S2	T
<i>Juniperus horizontalis</i>	Creeping Juniper	CHEM-P CHEN-P GENE-C LIVI-P MADI-P MONR-P ONEI-P ONON-P	G5	S1	E
<i>Kosteletzkya virginica</i>	Seaside Mallow	NASS-X	G5	SX	U
<i>Lachnanthes caroliniana</i>	Carolina Redroot	SUFF-C	G4	S1	E
<i>Lactuca floridana</i>	False Lettuce	BRON-C CHEM-? DUTC-? NASS-? ULST-P	G5	S1	E



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Lactuca hirsuta	Downy Lettuce	ALBA-? CATT-P CLIN-C DELA-P ERIE-P ESSE-C NASS-P ONEI-? ORAN-P OTSE-P QUEE-X RENS-P RICH-P SCHE-? STLA-C SUFF-P SULL-P TOMP-P ULST-P WARR-C WASH-P	G5?	S1	E
Lathyrus venosus	Rough Veiny Vetchling	LIVI-C	G5	S1	E
Lechea pulchella var. moniliformis	Bead Pinweed	NASS-P RICH-? SUFF-C WEST-?	G5T4	S1	E
Lechea tenuifolia	Slender Pinweed	BRON-P NASS-C ORAN-C SUFF-C WEST-C	G5	S2	T
Lemna perpusilla	Minute Duckweed	BRON-P CLIN-P CORT-P KING-C MONR-? NEWY-? OSWE-C QUEE-P RENS-? RICH-C ROCK-? SUFF-C TOMP-C WEST-P	G5	S1	E
Lemna valdiviana	Pale Duckweed	NASS-C QUEE-C RICH-? SUFF-P	G5	S1	E
Leptochloa fusca ssp. fascicularis	Salt-meadow Grass	CAYU-C NASS-C ONON-C ROCK-P SUFF-C WAYN-C	G5T5	S1	E
Lespedeza angustifolia	Narrow-leaved Bush-clover	NASS-C SUFF-C WEST-P	G5	S2	R
Lespedeza stuevei	Velvety Bush-clover	ERIE-? NASS-P RICH-C SCHE-? SUFF-C TIOG-P ULST-P WASH-P WEST-P	G4?	S2	T
Liatris cylindracea	Slender Blazing-star	NIAG-C	G5	S1	E
Liatris scariosa var. nieuwlandii	Nieuwland's Blazing-star	CHEM-C	G5?T3T5	S1	U
Liatris scariosa var. novae-angliae	Northern Blazing-star	ALBA-P DUTC-C KING-P NASS-P NEWY-X QUEE-P RICH-X SUFF-C ULST-? WEST-P	G5?T3	S2	T
Ligusticum scoticum ssp. scoticum	Scotch Lovage	ONON-X SUFF-C	G5T3T5	S1	E
Lilaeopsis chinensis	Eastern Grasswort	BRON-? NASS-P NEWY-? ORAN-C RICH-? ROCK-C SUFF-C WEST-P	G5	S2	T
Lilium michiganense	Michigan Lily	JEFF-C MONR-P ONON-C	G5	S1	E
Linum intercursum	Sandplain Wild Flax	NASS-P SUFF-C	G4	S2	T



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<i>Linum medium</i> var. <i>texanum</i>	Southern Yellow Flax	BRON-X DUTC-C NASS-P ORAN-C QUEE-X RENS-C RICH-P STLA-C SUFF-C	G5T5	S2	T
<i>Linum sulcatum</i>	Yellow Wild Flax	ALBA-P BRON-P BROO-? COLU-P CORT-? DUTC-C ERIE-P LIVI-P MADI-P ONEI-? ONON-P ROCK-? TOMP-P WASH-P WYOM-P	G5	S2	T
<i>Liparis liliifolia</i>	Large Twayblade	ALBA-C BRON-? CHAU-? CHEM-P DELA-P DUTC-C GREE-P KING-? MONR-P NASS-? NEWY-P ONEI-? ONON-P ORAN-C OSWE-C PUTN-P QUEE-P RENS-P RICH-P ROCK-P SARA-P SCHE-P SENE-P SUFF-P TOMP-P ULST-P WEST-P	G5	S1	E
<i>Lipocarpha micrantha</i>	Dwarf Bulrush	DUTC-? ESSE-C MADI-P ONEI-X ORAN-C OSWE-P RENS-P SARA-P SCHE-? SUFF-C WARR-C WEST-?	G5	S1	E
<i>Listera auriculata</i>	Auricled Twayblade	LEWI-P WARR-C	G3G4	S1	E
<i>Listera australis</i>	Southern Twayblade	CATT-P CAYU-P CHEN-C CORT-C ERIE-P FULT-P HAMI-P MADI-P ONEI-P ONON-C OSWE-P OTSE-C SENE-P STLA-P SUFF-C WAYN-C WYOM-P	G4	S1S2	E
<i>Listera convallarioides</i>	Broad-lipped Twayblade	CHAU-? CORT-? ESSE-C HAMI-? HERK-P JEFF-P LEWI-C ONEI-P ONON-P WEST-?	G5	S1	E
<i>Lithospermum canescens</i>	Hoary Puccoon	CAYU-X MADI-X MONR-X ONON-? SARA-? SCHE-?	G5	SX	U
<i>Lithospermum caroliniense</i> var. <i>croceum</i>	Golden Puccoon	GENE-P MONR-P ONON-?	G4G5T4T5	SH	E
<i>Littorella uniflora</i>	American Shore-grass	CHAU-P CLIN-C HAMI-P	G5	S1	E
<i>Loiseleuria procumbens</i>	Alpine Azalea	ESSE-C	G5	S1	E
<i>Ludwigia sphaerocarpa</i>	Globe-fruited Ludwigia	NASS-C QUEE-P RICH-P SUFF-C ULST-C WEST-P	G5	S2	T
<i>Luzula spicata</i>	Spiked Woodrush	ESSE-C	G5	S1	E



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Lycopus rubellus	Gypsy-wort	ALBA-P BRON-P DUTC-C ERIE-P FRAN-P GREE-C HERK-? KING-X MADL-P NASS-P NEWY-X NIAG-P ORAN-C PUTN-C QUEE-P RICH-? SARA-P SUFF-C WEST-P	G5	S1	E
Lygodium palmatum	Climbing Fern	CHEN-P GREE-P ONEI-C ONON-P RICH-C SARA-C SUFF-P	G4	S1	E
Lysimachia hybrida	Lance-leaved Loosestrife	ALLE-P CLIN-C DUTC-P ESSE-C KING-X NASS-P ONEI-P ORAN-P QUEE-C RICH-P SCHE-? SUFF-C WASH-C WEST-?	G5	S1	E
Lysimachia quadriflora	Four-flowered Loosestrife	ERIE-C NIAG-C	G5?	S1	E
Lythrum lineare	Saltmarsh Loosestrife	SUFF-C	G5	S1	E
Magnolia virginiana	Sweetbay Magnolia	BRON-X KING-X NASS-C QUEE-X RICH-C SUFF-C WEST-P	G5	S1	E
Malaxis bayardii	Bayard's Adder's-mouth Orchid	ALBA-C NASS-P ORAN-P RICH-P SUFF-P	G1G2	S1	E
Melanthium latifolium	Slender Bunchflower	NASS-X ORAN-X QUEE-X RICH-? ROCK-? WEST-X	G5	SX	U
Melanthium virginicum	Virginia Bunchflower	NASS-P ORAN-P RICH-P ROCK-P SUFF-? WEST-?	G5	SH	E
Micranthemum micranthemoides	Micranthemum	DUTC-X	GH	SX	U
Minuartia glabra	Appalachian Sandwort	GREE-P ORAN-P SULL-P ULST-C	G4	S2	T
Monarda clinopodia	Basil-balm	CATT-C CAYU-P CHAU-P CHEM-P ERIE-P GENE-P LIVI-P MONR-P NIAG-P ONTA-P STEU-P TIOG-P TOMP-P ULST-? WEST-? WYOM-P YATE-?	G5	S1S2	E
Muhlenbergia capillaris	Long-awn Hairgrass	NIAG-? SUFF-X	G5	SX	U
Myriophyllum alterniflorum	Water Milfoil	CLIN-C ESSE-C FULT-P JEFF-P PUTN-P QUEE-? STLA-P WARR-C	G5	S2	T
Myriophyllum farwellii	Farwell's Water-milfoil	CLIN-P ESSE-P FRAN-P FULT-P HAMI-C HERK-C ONEI-P ONON-? RENS-C STLA-C SUFF-P SULL-P	G5	S2	T



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<i>Myriophyllum pinnatum</i>	Green Parrot's-feather	NASS-P ORAN-P QUEE-? ROCK-P SUFF-C WARR-? WASH-?	G5	S1	E
<i>Najas guadalupensis</i> ssp. <i>muenscheri</i>	Hudson River Water-nymph	ALBA-C COLU-C DUTC-P GREE-P ORAN-P PUTN-P ROCK-P SARA-P ULST-P WASH-P WEST-P	G5T1	S1	E
<i>Najas guadalupensis</i> ssp. <i>olivacea</i>	Southern Water-nymph	CAYU-P SENE-C	G5T4?	S1	E
<i>Najas marina</i>	Spiny Water-nymph	CAYU-P MONR-P ONON-X SENE-C WAYN-P	G5	S1	E
<i>Neobeckia aquatica</i>	Lake-cress	CATT-P CAYU-P CORT-C ERIE-C ESSE-P GENE-P HAMI-P HERK-P JEFF-C MADI-P NIAG-P ONEI-P ONON-C ONTA-P OSWE-P SARA-P SENE-P STLA-C WASH-C WAYN-P	G4?	S2	T
<i>Oenothera laciniata</i>	Cut-leaved Evening-primrose	ALBA-P BRON-P NASS-P QUEE-C RICH-P SUFF-C ULST-P	G5	S1	E
<i>Oenothera oakesiana</i>	Oakes' Evening-primrose	CAYU-? FULT-P NASS-C ONTA-P QUEE-C RICH-C SUFF-C WARR-P WASH-P	G4G5Q	S2	T
<i>Oldenlandia uniflora</i>	Clustered Bluets	BRON-P KING-? NEWY-? QUEE-P RICH-P SUFF-C WEST-?	G5	S1	E
<i>Oligoneuron houghtonii</i>	Houghton's Goldenrod	GENE-C ORLE-?	G3	S1	E
<i>Oligoneuron ohioense</i>	Ohio Goldenrod	ALBA-? COLU-C GENE-C LIVI-C MONR-C NIAG-P ONON-C ONTA-P RENS-X SENE-C WAYN-P WYOM-C YATE-?	G4	S2	T
<i>Oligoneuron rigidum</i> var. <i>rigidum</i>	Stiff-leaf Goldenrod	COLU-P DUTC-? ERIE-C GREE-C NASS-P NEWY-P NIAG-C PUTN-P ROCK-C SCHE-? TOMP-? WEST-C	G5T5	S2	T
<i>Omalothea sylvatica</i>	Woodland Cudweed	HERK-C	G4	S1	E
<i>Onosmodium virginianum</i>	Virginia False Gromwell	ALBA-P DUTC-C KING-X NASS-X NEWY-X NIAG-? ONEI-P ONON-P QUEE-X SARA-P SCHE-? SUFF-P WEST-P	G4	S1	E
<i>Orontium aquaticum</i>	Golden Club	BROO-P CHEN-P COLU-C CORT-C DUTC-C FULT-P GREE-C NASS-P ORAN-P OTSE-C QUEE-P RENS-C SUFF-C ULST-P WEST-P	G5	S2	T



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Oxalis violacea	Violet Wood-sorrel	ALBA-C BRON-P CATT-P CHEM-P COLU-P DUTC-P NASS-P ORAN-C PUTN-C QUEE-P RICH-X ROCK-C SUFF-C TIOG-P ULST-C WEST-X	G5	S2S3	T
Oxypolis rigidior	Stiff Cowbane	KING-P NASS-P QUEE-P RICH-P ROCK-? SUFF-P TIOG-?	G5	SH	E
Panicum anceps	Panic Grass	SUFF-X	G5	SX	U
Panicum rigidulum var. elongatum	Tall Flat Panic Grass	BRON-P SUFF-P WEST-P	G5T4T5	SH	E
Paspalum laeve	Field Beadgrass	BRON-C RICH-P SUFF-C WEST-P	G4G5	S1	E
Pedicularis lanceolata	Swamp Lousewort	ALBA-P BRON-P CAYU-P CHEM-P COLU-C DELA-? DUTC-C ERIE-C GENE-P GREE-C KING-X LIVI-C MADI-? MONR-C NASS-P NEWY-X NIAG-P ONON-? ONTA-C ORAN-C QUEE-X RENS-P RICH-P ROCK-P SARA-P SCHU-P SUFF-P TOMP-C ULST-C WASH-P WAYN-P	G5	S2	T
Pellaea glabella ssp. glabella	Smooth Cliff Brake	ALBA-C COLU-C DUTC-P ESSE-C GENE-P JEFF-P LEWI-P NIAG-C ROCK-C STLA-C WARR-P WASH-C	G5T5	S2	T
Persicaria careyi	Carey's Smartweed	ALBA-C BRON-? CLIN-C DUTC-? FULT-P HERK-? KING-P ONON-P ORAN-C OSWE-? OTSE-? QUEE-P RENS-? ROCK-P SCHE-C SUFF-C ULST-C WARR-P	G4	S1S2	T
Persicaria setacea	Swamp Smartweed	ERIE-P MADI-P NASS-P NIAG-? ONEI-P ONON-P ORLE-P OSWE-C ROCK-P SARA-P SUFF-C TOMP-P ULST-P WAYN-C WYOM-P	G5	S1S2	E
Petasites frigidus var. palmatus	Sweet Coltsfoot	ALBA-C CATT-X CLIN-P ESSE-P GENE-P MADI-P ONON-P RENS-P SENE-C STEU-C STLA-P TOMP-P WARR-P WASH-P WYOM-P YATE-P	G5T5	S1	E
Phacelia dubia var. dubia	Scorpion-weed	ONON-X	G5T5	SX	U
Phlox maculata ssp. maculata	Wild Sweet-william	BROO-P CATT-C CHAU-C CHEN-P DELA-P ERIE-? ESSE-P HAML-P LEWI-C MADI-P ONEI-P ONON-? PUTN-C RENS-P SARA-P TOMP-P	G5T4T5	S1	E



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<i>Phlox pilosa</i> ssp. <i>pilosa</i>	Downy Phlox	CHAU-? NIAG-X STLA-P	G5T5	SH	E
<i>Physalis virginiana</i> var. <i>virginiana</i>	Virginia Ground-cherry	ALBA-P BRON-? ERIE-? KING-? MONR-P NASS-P ONEI-P ORAN-P RENS-P RICH-P SCHE-P SUFF-P WASH-P	G5T5	SH	E
<i>Pinguicula vulgaris</i>	Butterwort	CHAU-P DELA-P LIVI-C MONR-P TOMP-C WYOM-C	G5	S2	T
<i>Pinus echinata</i>	Shortleaf Pine	ALBA-? RICH-C SUFF-X WEST-?	G5	S1	U
<i>Pinus virginiana</i>	Virginia Pine	NASS-P ORAN-C RICH-C SUFF-? WEST-P	G5	S1	E
<i>Piptatherum canadense</i>	Canada Ricegrass	ESSE-P FRAN-C STLA-C	G5	S2	E
<i>Plantago cordata</i>	Heartleaf Plantain	ALBA-P BRON-P CAYU-P COLU-C DUTC-C ERIE-C GENE-P GREE-C NEWY-? ONON-? RENS-P ROCK-P ULST-C	G4	S3	T
<i>Plantago maritima</i> var. <i>juncoides</i>	Seaside Plantain	NASS-P NEWY-X ONON-X QUEE-C SUFF-C	G5T5	S2S3	T
<i>Platanthera ciliaris</i>	Orange Fringed Orchid	ALBA-P KING-X MADI-P MONR-P NASS-P NEWY-X ONEI-P ONON-P QUEE-X RENS-X RICH-P ROCK-? SCHE-? SENE-P SUFF-C WASH-P WEST-P YATE-P	G5	S1	E
<i>Platanthera cristata</i>	Crested Fringed Orchid	NASS-X QUEE-X SUFF-C	G5	S1	E
<i>Platanthera hookeri</i>	Hooker's Orchid	ALBA-P BROO-P CATT-P CAYU-P CHEM-P CHEN-P CLIN-C COLU-P CORT-P DELA-P DUTC-P ERIE-P ESSE-P FULT-P GENE-P GREE-P LIVI-P MONR-P NIAG-P ONEI-P ONON-P ONTA-P ORAN-P OSWE-P OTSE-? RENS-P SARA-P SCHE-X SCHO-P STLA-P SULL-P TIOG-P TOMP-C ULST-P WARR-C WASH-P WAYN-P WEST-P WYOM-P	G4	S1	E
<i>Platanthera leucophaea</i>	Eastern Prairie Fringed Orchid	GENE-P NIAG-P ONON-P ORLE-P OSWE-X WAYN-P	G3	SH	E
<i>Poa cuspidata</i>	Bluegrass	NEWY-P RICH-P YATE-P	G5	SH	E
<i>Poa glauca</i> ssp. <i>glauca</i>	White Bluegrass	ESSE-C	G5T5?	S1	E



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<i>Poa interior</i>	Inland Bluegrass	ESSE-P	G5	SH	E
<i>Poa laxa</i> ssp. <i>fernaldiana</i>	Fernald's Bluegrass	ESSE-C	G5?T3	S1	E
<i>Poa paludigena</i>	Slender Marsh Bluegrass	ALBA-C BRON-P CAYU-P CHEM-C CORT-C LEWI-P MONR-P TIOG-P TOMP-C WAYN-P	G3	S1	E
<i>Poa sylvestris</i>	Woodland Bluegrass	ALBA-C CAYU-P ERIE-P JEFF-C KING-C LIVI-P MONR-P NIAG-C ONON-P TOMP-P WYOM-P	G5	S1	E
<i>Podostemum ceratophyllum</i>	Riverweed	CLIN-C DELA-C ESSE-C FRAN-P JEFF-P ONEI-? ORAN-C STLA-C SUFF-P SULL-P ULST-C	G5	S2	T
<i>Polemonium vanbruntiae</i>	Jacob's-ladder	ALLE-P CHEN-C CORT-C DELA-C HERK-P LEWI-C MADI-X MONT-C ONON-P OTSE-C SCHO-C SULL-C TIOG-P ULST-C	G3G4	S3	R
<i>Polygala incarnata</i>	Pink Milkwort	NASS-X NEWY-X NIAG-X SUFF-X	G5	SX	U
<i>Polygala lutea</i>	Orange Milkwort	DUTC-P NASS-X QUEE-X RICH-X SUFF-C WASH-? WEST-?	G5	S1	E
<i>Polygala mariana</i>	Maryland Milkwort	SUFF-X	G5	SX	U
<i>Polygonum aviculare</i> ssp. <i>buxiforme</i>	Small's Knotweed	ALBA-P CHAU-C ERIE-P LIVI-P MADI-P ONEI-P ONON-P RENS-C SCHE-P SUFF-C WARR-P WASH-P	G5T5	S1	E
<i>Polygonum douglasii</i>	Douglas' Knotweed	ESSE-C JEFF-C SARA-P STLA-P ULST-P WARR-C WASH-C WEST-P	G5	S2	T
<i>Polygonum glaucum</i>	Seabeach Knotweed	KING-C NASS-C QUEE-C SUFF-C WEST-P	G3	S3	R
<i>Polystichum lonchitis</i>	Northern Holly-fern	CATT-P	G5	SH	E
<i>Populus heterophylla</i>	Swamp Cottonwood	DUTC-C NASS-P NEWY-? PUTN-? RICH-C SUFF-C ULST-C	G5	S2	T
<i>Porteranthus stipulatus</i>	Indian Physic	BROO-? TOMP-X	G5	SX	U
<i>Potamogeton alpinus</i>	Northern Pondweed	CAYU-P CHEN-P CLIN-P CORT-P DELA-? ESSE-C FRAN-P HERK-P JEFF-P LEWI-P NIAG-P ONEI-P OSWE-P STLA-C TOMP-? WARR-C WASH-C	G5	S2	T



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Potamogeton diversifolius	Water-thread Pondweed	CATT-C CORT-P ESSE-C FRAN-P FULT-P HAMI-P KING-X NASS-P ONEI-P ONTA-P ORAN-C PUTN-P QUEE-P RENS-P RICH-P SUFF-P SULL-P WARR-P WASH-P WEST-P WYOM-C	G5	S1	E
Potamogeton hillii	Hill's Pondweed	COLU-P DUTC-P ESSE-C JEFF-C LEWI-C PUTN-? STLA-C TOMP-P WARR-C WASH-C	G3	S2	T
Potamogeton ogdenii	Ogden's Pondweed	COLU-C CORT-P DUTC-C OSWE-C WASH-P	G1G2	S1	E
Potamogeton pulcher	Spotted Pondweed	BRON-P COLU-P DUTC-C KING-X NASS-P ORAN-C OSWE-C PUTN-C QUEE-P RICH-P ROCK-P SARA-P SUFF-C ULST-P WAYN-P WEST-C	G5	S2	T
Potamogeton strictifolius	Straight-leaf Pondweed	CAYU-P CLIN-C CORT-P DUTC-P ESSE-C JEFF-P MADI-P MONR-P ONEI-P ONON-P OTSE-P SENE-P STLA-C WARR-C WASH-? YATE-C	G5	S1	E
Potentilla paradoxa	Bushy Cinquefoil	CAYU-P CHAU-C ERIE-? MONR-P NIAG-C WAYN-P	G5	S1	E
Prenanthes boottii	Boott's Rattlesnake-root	ESSE-C	G2	S1	E
Prenanthes crepidinea	Nodding Rattlesnake-root	CATT-P ERIE-P	G4	SH	E
Prenanthes racemosa var. racemosa	Glaucous Rattlesnake-root	KING-X NASS-X ROCK-X WEST-?	G5T4	SX	U
Primula mistassinica	Bird's-eye Primrose	JEFF-C LEWI-C LIVI-C ONEI-C OSWE-C SCHU-P STEU-C TOMP-P WYOM-C YATE-P	G5	S2	T
Proserpinaca pectinata	Comb-leaved Mermaid-weed	KING-X NASS-X ORAN-P ROCK-P SUFF-C	G5	S2	T
Prunus pumila var. depressa	Dwarf Sand-cherry	BRON-X CLIN-C DELA-C ESSE-C HAMI-C JEFF-P LEWI-P ONEI-P ORAN-C SARA-C SULL-C WARR-C	G5T5	S2	T
Prunus pumila var. pumila	Low Sand-cherry	CLIN-C HAMI-C JEFF-C OSWE-C	G5T4	S1	E
Pseudognaphalium helleri ssp. micradenium	Catfoot	ONEI-? ROCK-? SUFF-P TOMP-?	G4G5T3?	SH	E
Pseudocyclopediella caroliniana	Carolina Clubmoss	NASS-C SUFF-C WARR-C WASH-C	G4	S1	E



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<i>Ptelea trifoliata</i> ssp. <i>trifoliata</i>	Wafer-ash	CATT-C CHAU-C CHEM-? ERIE-C LIVI-P MONR-P NIAG-P TOMP-? WYOM-P	G5T5	S1S2	E
<i>Pteridium aquilinum</i> var. <i>pseudocaudatum</i>	Southeastern Bracken	SUFF-P	G5T5	SH	U
<i>Pterospora andromedea</i>	Giant Pine-drops	ALBA-P CATT-P CHEM-P CLIN-P COLU-? CORT-P ERIE-P ESSE-P LEWI-P LIVI-C MONR-P NIAG-P ONEI-P ONTA-P OSWE-P RENS-? SCHE-? SCHO-P TOMP-P WARR-P WASH-P WEST-? WYOM-P YATE-P	G5	S1	E
<i>Pycnanthemum clinopodioides</i>	Basil Mountain-mint	BRON-? DUTC-C NEWY-X RICH-? ROCK-C WEST-?	G2	S1	E
<i>Pycnanthemum muticum</i>	Blunt Mountain-mint	BRON-? CHAU-P MONR-P NEWY-? ORAN-C RENS-? RICH-P SUFF-C WASH-P WEST-P	G5	S2S3	T
<i>Pycnanthemum torrei</i>	Torrey's Mountain-mint	BRON-? DUTC-C NEWY-P RICH-C ROCK-C SUFF-? WEST-?	G2	S1	E
<i>Pycnanthemum verticillatum</i> var. <i>verticillatum</i>	Whorled Mountain-mint	ALBA-? CATT-C CHEN-? DELA-C GENE-P HERK-? MONR-? ONEI-C PUTN-? RENS-? RICH-? SARA-? STLA-C SUFF-C TOMP-? ULST-P	G5T5?	S1S2	T
<i>Pyrola asarifolia</i> ssp. <i>asarifolia</i>	Pink Wintergreen	ERIE-P ESSE-C GENE-P HERK-C JEFF-P LEWI-P MADI-P ONEI-P ONON-P OTSE-? RENS-? STLA-C WARR-C WAYN-P	G5T5	S2	T
<i>Pyrola minor</i>	Snowline Wintergreen	ESSE-C	G5	S1	E
<i>Pyxidantha barbulate</i>	Flowering Pixiemoss	SUFF-C	G4	S1	E
<i>Quercus phellos</i>	Willow Oak	KING-C QUEE-C RICH-C SUFF-X	G5	S1	E
<i>Quercus shumardii</i> var. <i>shumardii</i>	Shumard Oak	NIAG-C	G5T5	S1	U
<i>Ranunculus cymbalaria</i>	Seaside Crowfoot	CAYU-C ONON-X QUEE-P SENE-P SUFF-P WAYN-P	G5	S1	E
<i>Ranunculus hispidus</i> var. <i>nitidus</i>	Swamp Buttercup	BRON-P CATT-P CHAU-P COLU-P DELA-P KING-? ORAN-C ORLE-P RICH-P STLA-P SULL-C TOMP-P ULST-P WARR-P WYOM-P	G5T5	S1	E



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<i>Ranunculus pusillus</i>	Spearwort	BROO-? NASS-X NEWY-? ONON-X RICH-X WEST-?	G5	SX	U
<i>Rhexia mariana</i> var. <i>mariana</i>	Meadow-beauty	KING-X QUEE-X SUFF-X	G5T5	SX	U
<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i>	Leedy's Roseroot	SCHU-C YATE-C	G5T1	S1	E
<i>Rhodiola rosea</i>	Roseroot	GREE-C MADI-C ORAN-C ULST-C	G5	S1	E
<i>Rhododendron canadense</i>	Rhodora	ESSE-P FRAN-C HERK-P LEWL-P ONEI-C ORAN-C PUTN-P RENS-X STLA-C ULST-C WARR-P	G5	S2	T
<i>Rhododendron lapponicum</i> var. <i>lapponicum</i>	Lapland Rosebay	ESSE-C	G5T5?	S1	E
<i>Rhynchospora cephalantha</i>	Capitate Beakrush	SUFF-X	G5	SX	U
<i>Rhynchospora chalarocephala</i>	Loose-headed Beakrush	SUFF-X	G5	SX	U
<i>Rhynchospora inundata</i>	Drowned Beakrush	SUFF-C	G4?	S2	T
<i>Rhynchospora nitens</i>	Short-beaked Beakrush	SUFF-C	G4?	S2	T
<i>Rhynchospora pallida</i>	Pale Beakrush	SUFF-P	G3	SH	U
<i>Rhynchospora recognita</i>	Globe Beakrush	ORAN-X PUTN-X SUFF-X	G5?	SX	U
<i>Rhynchospora scirpoides</i>	Long-beaked Beakrush	SUFF-C WEST-C	G4	S3	R
<i>Rhynchospora torreyana</i>	Torrey's Beakrush	SUFF-X	G4	SX	E
<i>Rosa acicularis</i> ssp. <i>sayi</i>	Prickly Rose	CLIN-? ESSE-C GENE-P WARR-P WASH-C	G5T5	S1	E
<i>Rotala ramosior</i>	Tooth-cup	ALBA-? KING-? NASS-P ORAN-C PUTN-C QUEE-P RICH-P SUFF-C ULST-P	G5	S2	T
<i>Rubus chamaemorus</i>	Cloudberry	SUFF-X	G5	SX	U
<i>Rubus cuneifolius</i>	Sand Blackberry	RICH-P SUFF-P	G5	SH	E
<i>Rumex fueginus</i>	Golden Dock	CAYU-P CHEM-P DELA-P ERIE-P GENE-P NASS-C NEWY-P QUEE-P SENE-P STEU-P SUFF-C TOMP-? WAYN-P	G4G5	S1	E
<i>Rumex hastatulus</i>	Heart Sorrel	KING-P NASS-P ONON-? PUTN-? STLA-? SUFF-P	G5	SH	E



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<i>Rumex persicarioides</i>	Seaside Dock	SUFF-P	G3?Q	SH	T
<i>Sabatia angularis</i>	Rose-pink	NEWY-X QUEE-X RICH-C WEST-P	G5	S1	E
<i>Sabatia campanulata</i>	Slender Marsh-pink	KING-? NASS-P NEWY-? ONON-X PUTN-P QUEE-? RICH-? SUFF-C	G5	S1	E
<i>Sabatia dodecandra</i> var. <i>dodecandra</i>	Large Marsh-pink	BRON-X KING-X NASS-X NEWY-X QUEE-X RICH-X ROCK-X	G5?T4T5	SX	U
<i>Sabatia stellaris</i>	Sea-pink	KING-P NASS-C QUEE-X RICH-P SUFF-C	G5?	S2	T
<i>Saccharum giganteum</i>	Giant Beardgrass	SUFF-X	G5	SX	U
<i>Sagina decumbens</i> ssp. <i>decumbens</i>	Small-flowered Pearlwort	NASS-? NEWY-? RICH-P SUFF-C	G5T5	S1	E
<i>Sagittaria montevidensis</i> var. <i>spongiosa</i>	Spongy Arrowhead	ALBA-P COLU-C DUTC-C GREE-C ORAN-C PUTN-C RICH-? ROCK-C ULST-C WEST-C	G5T4	S2	T
<i>Sagittaria teres</i>	Quill-leaf Arrowhead	SUFF-C	G3	S1	E
<i>Salicornia bigelovii</i>	Dwarf Glasswort	BRON-P NASS-P ONON-P QUEE-P RICH-P SUFF-C	G5	S2S3	T
<i>Salix cordata</i>	Sand Dune Willow	JEFF-C OSWE-C	G4	S2	E
<i>Salix herbacea</i>	Dwarf Willow	ESSE-C	G5	S1	E
<i>Salix uva-ursi</i>	Bearberry Willow	ESSE-C	G5	S2	T
<i>Salvia lyrata</i>	Lyre-leaf Sage	ULST-P WEST-P	G5	SH	E
<i>Saxifraga aizoides</i>	Yellow Mountain-saxifrage	JEFF-C LIVI-C ONEI-C OSWE-C TOMP-C WYOM-C	G5	S2	T
<i>Saxifraga oppositifolia</i> ssp. <i>oppositifolia</i>	Purple Mountain-saxifrage	HAMI-C	G4G5T4T5	S1	E
<i>Saxifraga paniculata</i> ssp. <i>neogaea</i>	White Mountain-saxifrage	ESSE-C	G5T5?	S1	E
<i>Schizaea pusilla</i>	Curlygrass Fern	SUFF-C	G3G4	S1	E
<i>Schoenoplectus heterochaetus</i>	Slender Bulrush	CLIN-C ESSE-C FRAN-P JEFF-P MONR-P OSWE-P SCHU-P STEU-P STLA-C SUFF-P WASH-C WAYN-P	G5	S1	E
<i>Schwalbea americana</i>	Chaffseed	ALBA-X	G2	SX	U
<i>Scirpus ancistrochaetus</i>	Northeastern Bulrush	WASH-X	G3	SX	U



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Scirpus georgianus	Georgia Bulrush	ALBA-C CATT-C ERIE-P ESSE-P GENE-C GREE-C MONR-P NASS-P ORAN-C ORLE-P OSWE-P PUTN-C QUEE-P STEU-C SUFF-P TOMP-P ULST-P WASH-P WEST-P	G5	S1	E
Scirpus longii	Long's Bulrush	QUEE-X	G2G3	SX	U
Scleria minor	Slender Nutrush	NASS-P RICH-? SUFF-C	G4	S1	E
Scleria muehlenbergii	Reticulate Nutrush	NASS-P SUFF-C	G5	S1	E
Scleria pauciflora var. caroliniana	Few-flowered Nutrush	DUTC-P MONR-? NASS-C QUEE-X SENE-P SUFF-C WEST-P	G5T4T5	S1	E
Scleria triglomerata	Whip Nutrush	ALBA-P BRON-P NASS-C NEWY-? ONEI-P ONTA-P QUEE-P RICH-P SUFF-C WARR-C WAYN-P	G5	S1	T
Scleria verticillata	Low Nutrush	GENE-C MONR-C NASS-P ONTA-P QUEE-P SCHU-P SENE-C SUFF-?	G5	S1	E
Scutellaria elliptica var. elliptica	Hairy Skullcap	BRON-? DUTC-? KING-X NASS-X NEWY-X QUEE-X RICH-X WEST-X	G5T5?	SX	U
Scutellaria incana var. incana	Hoary Skullcap	CATT-P	G5T5	SH	E
Scutellaria integrifolia	Hyssop-skullcap	BRON-P NASS-P ORAN-C RICH-P ROCK-P SUFF-? ULST-C WEST-P	G5	S1	E
Scutellaria nervosa	Veined Skullcap	ALBA-? DUTC-X YATE-?	G5	SX	U
Scutellaria serrata	Showy Skullcap	BRON-X NEWY-X WEST-X	G4G5	SX	U
Sericocarpus linifolius	Flax-leaf Whitetop	BRON-X NASS-C NEWY-P QUEE-X RICH-P SUFF-C WEST-X	G5	S2	T
Sesuvium maritimum	Sea Purslane	ONON-X SUFF-C	G5	S1	E
Silene caroliniana ssp. pennsylvanica	Wild Pink	BRON-C CAYU-? COLU-P DUTC-? NASS-C NEWY-C ONON-? QUEE-P RENS-? RICH-P ROCK-? SCHE-? SUFF-C WEST-C	G5T4T5	S2	V
Sisyrinchium mucronatum	Michaux's Blue-eyed-grass	BROO-P CHEM-C DELA-P ERIE-P HERK-P MONR-P ONTA-P ORAN-P OTSE-P RENS-P RICH-P SENE-C STEU-P STLA-C SUFF-C SULL-P TOMP-P WEST-P	G5	S1	E



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<i>Smallanthus uvedalius</i>	Bear's-foot	CAYU-P CHAU-? ERIE-P ONON-? ONTA-P TOMP-P YATE-P	G4G5	SH	E
<i>Smilax pseudochina</i>	False China-root	KING-P NASS-C RICH-P	G4G5	S1	E
<i>Smilax pulverulenta</i>	Jacob's-ladder	BRON-C NEWY-P RICH-C WEST-P	G4G5	S1	E
<i>Solidago latissimifolia</i>	Coastal Goldenrod	BRON-? NASS-P QUEE-X RICH-? SUFF-C WEST-?	G5	S1	E
<i>Solidago leiocarpa</i>	Alpine Goldenrod	ESSE-C FRAN-P	G4	S2	T
<i>Solidago sempervirens</i> var. <i>mexicana</i>	Seaside Goldenrod	BRON-P DUTC-P KING-P NASS-P RICH-P SUFF-C WEST-P	G5T5?	S1	E
<i>Solidago simplex</i> var. <i>monticola</i>	Rand's Mountain Goldenrod	ESSE-C HAMI-C HERK-C WASH-C	G5T4	S2	T
<i>Solidago simplex</i> var. <i>racemosa</i>	Mountain Goldenrod	ESSE-C WASH-P	G5T3?	S1	E
<i>Sparganium natans</i>	Small Bur-reed	ALBA-P CAYU-P CHEN-P CLIN-P CORT-P DUTC-? ESSE-P FRAN-P GREE-? HAMI-C JEFF-C LEWI-C MONR-P ONON-X OSWE-P SENE-P STLA-C TIOG-P TOMP-P WARR-C WASH-C	G5	S2	T
<i>Spergularia canadensis</i> var. <i>canadensis</i>	Northern Sand-spurry	BRON-X RICH-? SUFF-X	G5T5	SX	U
<i>Sphenopholis obtusata</i>	Prairie Wedgegrass	BRON-P CHEM-P JEFF-C NASS-P SUFF-P ULST-P	G5	S1	E
<i>Sphenopholis pensylvanica</i>	Swamp Oats	BRON-P DELA-P DUTC-? HERK-P MONR-P NEWY-P NIAG-P QUEE-P RICH-P SUFF-C TOMP-P ULST-C YATE-?	G4	S1	E
<i>Spinulum canadense</i>	Northern Bristly Club-moss	ESSE-C STLA-P	G4G5	S1S2	U
<i>Spiraea septentrionalis</i>	Mountain Meadow-sweet	ESSE-C	G2G3Q	S1	E
<i>Spiranthes vernalis</i>	Spring Ladies'-tresses	BRON-P DUTC-? NASS-P RICH-P SUFF-C	G5	S1	E
<i>Sporobolus clandestinus</i>	Rough Rush-grass	NASS-P QUEE-C SUFF-C WARR-C WEST-?	G5	S1	E
<i>Sporobolus heterolepis</i>	Northern Dropseed	ALBA-P GREE-P JEFF-C WARR-C	G5	S2	T



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<i>Stachys hyssopifolia</i>	Rough Hedge-nettle	ALBA-P BROO-P KING-P NASS-P QUEE-P RICH-X SCHE-P SUFF-C	G4G5	S2	T
<i>Stellaria longipes</i>	Longstalk Starwort	JEFF-C RENS-? RICH-?	G5	S2	T
<i>Strophostyles umbellata</i>	Pink Wild Bean	KING-X NASS-P QUEE-X RICH-C SUFF-P WAYN-P	G5	S1	E
<i>Stuckenia filiformis</i> ssp. <i>alpina</i>	Slender Pondweed	CAYU-C CHAU-P CHEM-P ERIE-P JEFF-P LIVI-P MADI-P NIAG-P ONTA-P SENE-P STLA-P TOMP-P	G5T5	S1	E
<i>Stuckenia filiformis</i> ssp. <i>occidentalis</i>	Sheathed Pondweed	CHAU-P CHEM-P CORT-P ERIE-? GENE-P JEFF-P MADI-P MONR-P NIAG-P ONON-C OSWE-P SENE-P STLA-P TOMP-P	G5T5	S1	E
<i>Stylosanthes biflora</i>	Pencil-flower	NASS-X NEWY-X RICH-X SUFF-X WEST-?	G5	SX	U
<i>Suaeda linearis</i>	Narrow-leaf Sea-blite	BRON-P NASS-P QUEE-C RICH-P STLA-P SUFF-C WEST-P	G5	S1	E
<i>Suaeda rolandii</i>	Roland's Sea-blite	KING-C NASS-P QUEE-C SUFF-C	G1G2	S1	E
<i>Subularia aquatica</i> var. <i>americana</i>	Water Axlwort	ESSE-P FRAN-P HAMI-P WARR-C WASH-P	G5T5	S1S2	E
<i>Symphotrichum boreale</i>	Northern Bog Aster	CAYU-C CLIN-P COLU-? CORT-P DELA-P DUTC-C ERIE-P ESSE-C FRAN-P GENE-P GREE-? HERK-P JEFF-P LEWI-C MADI-P MONR-C NASS-P NEWY-P ONON-P OSWE-C OTSE-P SCHU-P SENE-? STLA-C SUFF-? SULL-? TIOG-P TOMP-P WARR-P WAYN-C WEST-P	G5	S2	T
<i>Symphotrichum ciliolatum</i>	Lindley's Aster	JEFF-C ONON-P STLA-C WASH-P WAYN-P	G5	S1	E
<i>Symphotrichum concolor</i> var. <i>concolor</i>	Silvery Aster	KING-X NASS-X QUEE-X RICH-P SUFF-C	G5T5	S1	E
<i>Symphotrichum laeve</i> var. <i>concinnum</i>	Smooth Blue Aster	ALBA-P CHEM-P GREE-P MONR-? ULST-P WASH-P	G5T4	SH	E
<i>Symphotrichum lanceolatum</i> var. <i>interior</i>	Tall White Aster	BRON-P CATT-P CAYU-P CHEM-P ERIE-? MADI-P OTSE-P STLA-P TOMP-P WAYN-P	G5T5	SH	E



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<i>Symphotrichum oolentangiense</i>	Sky-blue Aster	CATT-P ERIE-P LIVI-C MONR-P NIAG-C ONEI-P OSWE-P	G5	S1	E
<i>Symphotrichum subulatum</i> var. <i>subulatum</i>	Saltmarsh Aster	BRON-P KING-X NASS-P ONON-C PUTN-C QUEE-C RICH-P ROCK-C SUFF-C WEST-P	G5T5	S2	T
<i>Thalictrum venulosum</i> var. <i>confine</i>	Veiny Meadow-rue	CLIN-C ESSE-C	G5T4?Q	S1	E
<i>Thaspium barbinode</i>	Meadow-parsnip	CATT-P CHEM-P ERIE-P GENE-P NIAG-P SCHO-? STEU-P TIOG-P ULST-C	G5	S1	U
<i>Thaspium trifoliatum</i> var. <i>flavum</i>	Purple Meadow-parsnip	BRON-? CHEM-? DUTC-? GREE-X MONR-X ONTA-X ORAN-? RICH-X TOMP-X ULST-X WEST-X	G5T5	SX	U
<i>Tilia americana</i> var. <i>heterophylla</i>	White Basswood	BROO-? CAYU-P CHEM-? LIVI-P MONR-P ONON-P ONTA-P TOMP-P	G5T5	SH	U
<i>Tipularia discolor</i>	Cranefly Orchid	MONR-P NEWY-P ONON-? RICH-P SUFF-C	G4G5	S1	E
<i>Triantha glutinosa</i>	Sticky False Asphodel	ERIE-P GENE-C ONON-P SARA-P WARR-C	G4G5	S1	E
<i>Trichomanes intricatum</i>	Appalachian Bristle Fern	CATT-C GREE-P SCHO-P ULST-P WEST-P	G4G5	S1	E
<i>Trichophorum cespitosum</i> ssp. <i>cespitosum</i>	Deer's Hair Sedge	ESSE-C GENE-C MONR-P	G5T5	S2	T
<i>Trichophorum clintonii</i>	Clinton's Clubrush	ERIE-P HAMI-P LEWI-P SARA-P STLA-P WARR-C	G4	S1	E
<i>Trichostema setaceum</i>	Tiny Blue-curly	NASS-P RICH-P SUFF-P WEST-?	G5	SH	E
<i>Triglochin palustre</i>	Marsh Arrow-grass	BRON-P CAYU-P DUTC-? ERIE-? GENE-C HERK-? LIVI-C MADI-C MONR-C NIAG-? ONEI-P ONON-C ONTA-P ORAN-? RENS-? SENE-C WAYN-P	G5	S2	T
<i>Trillium flexipes</i>	Nodding Trillium	CATT-P CHEN-P ERIE-P GENE-C MONR-C WAYN-P	G5	S1	E
<i>Trillium sessile</i>	Toad-shade	CHAU-C MONR-C	G4G5	S1	E
<i>Triosteum angustifolium</i>	Narrow-leaf Feverwort	CORT-X NASS-X	G5	SX	U



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Triphora trianthophora	Nodding Pogonia	ALBA-P BRON-X CAYU-C ERIE-C MONR-P NEWY-P ONEI-P ONON-P OTSE-P RENS-? RICH-P ROCK-P SARA-P SCHE-? SENE-P TOMP-P ULST-C WARR-P WASH-P WAYN-P	G3G4	S2	E
Tripsacum dactyloides	Northern Gamma Grass	BRON-C KING-X NASS-C NEWY-P NIAG-C ORAN-P QUEE-C RICH-C ROCK-P SUFF-C WEST-P	G5	S2	T
Trisetum melicoides	Melic-oats	CLIN-C ESSE-C	G4	S1	E
Trollius laxus	Spreading Globeflower	BRON-P CAYU-C CHAU-P CORT-C ERIE-P GENE-C HERK-C LIVI-P MADI-C MONR-P ONEI-P ONON-P ONTA-C ORAN-P OTSE-P PUTN-C QUEE-? ROCK-X SCHE-X SCHU-P SENE-P SULL-P TOMP-C ULST-P WEST-? WYOM-C	G3	S3	R
Ulmus thomasii	Cork Elm	BROO-? CAYU-P CHEN-P CLIN-? CORT-P ERIE-C GENE-P GREE-P HERK-P JEFF-C LEWI-C MADI-P MONR-P NIAG-C ONEI-P ONON-C SARA-? SCHE-P SCHO-P STLA-C TOMP-P WARR-P WYOM-P YATE-P	G5	S2S3	T
Utricularia juncea	Rush Bladderwort	NASS-P SUFF-C ULST-P	G5	S2	T
Utricularia radiata	Small Floating Bladderwort	ALBA-P HAMI-C NASS-C ONON-X ORAN-C QUEE-P SUFF-C SULL-C WARR-C WEST-C	G4	S2	T
Utricularia striata	Fibrous Bladderwort	NASS-? SUFF-C	G4G5	S2	T
Uvularia puberula	Pine Barren Bellwort	SUFF-C	G5	S1	E
Vaccinium boreale	High-mountain Blueberry	CLIN-P ESSE-C FRAN-P GENE-P HAMI-P	G4	S2	E
Vaccinium cespitosum	Dwarf Blueberry	ESSE-C ONEI-? WARR-P	G5	S1	E
Vahlodea atropurpurea	Mountain Hairgrass	ESSE-X	G5	SX	U
Valeriana uliginosa	Marsh Valerian	ALBA-P CHEM-P COLU-C DUTC-P GENE-C HERK-C LEWI-P MADI-P MONR-C NIAG-P ONEI-P ONON-P ONTA-? OTSE-? WASH-P WAYN-P	G4Q	S1S2	E



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<i>Valerianella chenopodiifolia</i>	Goosefoot Corn-salad	BROO-? CHEN-P ERIE-P GENE-P MONR-C NIAG-? ONEI-P ONON-P TIOG-? WAYN-?	G5	S1	E
<i>Valerianella umblicata</i>	Navel Corn-salad	CHEN-P GREE-P ONEI-P RENS-P	G3G5	SH	E
<i>Vernonia gigantea</i> ssp. <i>gigantea</i>	Tall Ironweed	CATT-P CHAU-C HERK-P LEWL-? MONR-? ONEI-P ULST-P WAYN-?	G5T5	S1	E
<i>Veronicastrum virginicum</i>	Culver's-root	ALBA-P ALLE-P BRON-P BROO-P CATT-P CAYU-P CHEM-C COLU-C DELA-P DUTC-C ERIE-P HERK-P KING-X LIVI-C MONR-C NASS-P ONTA-P ORAN-C OSWE-P PUTN-C QUEE-X RENS-C RICH-P ROCK-P SARA-P SCHO-P SCHU-P SENE-P STEU-P SULL-P TIOG-P TOMP-P ULST-C WASH-P WEST-P WYOM-P	G4	S2	T
<i>Viburnum dentatum</i> var. <i>venosum</i>	Southern Arrowwood	BRON-P COLU-X ORAN-P SUFF-C WEST-P	G5T4T5	S2	T
<i>Viburnum edule</i>	Squashberry	ESSE-C HERK-? ULST-P	G5	S2	T
<i>Viburnum nudum</i> var. <i>nudum</i>	Possum-haw	DUTC-P KING-X NASS-P NIAG-P ONON-P QUEE-X RICH-C SUFF-C WEST-P	G5T5	S1	E
<i>Viola bicolor</i>	Field Pansy	DUTC-P ERIE-P MONR-? NIAG-C	G5	S1	U
<i>Viola brittoniana</i>	Coast Violet	BRON-X NASS-X QUEE-X RICH-P ROCK-? SUFF-C WEST-P	G4G5	S1	E
<i>Viola hirsutula</i>	Southern Wood Violet	ALBA-P CHEM-P RENS-P RICH-P SUFF-P TIOG-P ULST-P WEST-P	G4	SH	E
<i>Viola nephrophylla</i>	Northern Bog Violet	ALBA-P DELA-? ERIE-P ESSE-P FRAN-? GENE-C HAMI-P HERK-P JEFF-? MADI-P MONR-C ONEI-? ONON-P OTSE-? RENS-P ROCK-P SENE-C STLA-C TOMP-? WASH-P WAYN-? WYOM-P	G5	S1	E
<i>Viola novae-angliae</i>	New England Violet	WARR-C	G4Q	S1	E
<i>Viola primulifolia</i>	Primrose-leaf Violet	BRON-P NASS-C NEWY-? QUEE-P RICH-C STLA-P SUFF-C SULL-P ULST-P WEST-P	G5	S2	T



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<i>Vitis vulpina</i>	Winter Grape	BRON-P NEWY-P RICH-P TIOG-P WEST-C	G5	S1	E
<i>Vittaria appalachiana</i>	Appalachian Shoestring Fern	CATT-C CHAU-C ULST-C	G4	S1	E
<i>Woodsia alpina</i>	Alpine Cliff Fern	ESSE-C ULST-C	G4	S1	E
<i>Woodsia glabella</i>	Smooth Cliff Fern	ESSE-C GREE-P HAMI-C HERK-P	G5	S1	E
<i>Woodsia oregana</i> ssp. <i>cathcartiana</i>	Oregon Cliff Fern	ONTA-X	G5T5	SX	U
<i>Xyris smalliana</i>	Large Yellow-eyed-grass	NASS-X ORAN-P SUFF-C WEST-C	G5	S2	U
<i>Zigadenus elegans</i> ssp. <i>glaucus</i>	Mountain Death Camas	GENE-C JEFF-C LIVI-? MADI-P MONR-P NIAG-C ONON-P STLA-C WYOM-C	G5T4T5	S2	T
<i>Zigadenus leimanthoides</i>	Pinebarren Death Camas	NASS-X SUFF-X	G4Q	SX	U



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<i>Agalinis fasciculata</i>	Fascicled False Foxglove	NASS-C RICH-C SUFF-C	G5	S3	R
<i>Agalinis pauperula</i> var. <i>borealis</i>	Northern False Foxglove	CAYU-P CLIN-P ERIE-C JEFF-P MONR-P OSWE-C STLA-C WASH-P	G5T4?	S3	T
<i>Agrimonia parviflora</i>	Swamp Agrimony	ALBA-P BRON-P CHAU-C COLU-C DUTC-C ERIE-C GENE-C MONR-C NEWY-? ORAN-C PUTN-C RENS-P RICH-P ROCK-P SCHE-P STEU-C SUFF-? SULL-C TOMP-P ULST-C WEST-C	G5	S3	U
<i>Betula nigra</i>	River Birch	BRON-P CHEM-P DUTC-P GREE-P NIAG-P ONON-P ORAN-C QUEE-C RICH-C SUFF-C SULL-C ULST-C WEST-C	G5	S3	U
<i>Bidens beckii</i>	Water-marigold	ALBA-P CAYU-P CHAU-P CLIN-P COLU-P CORT-P ERIE-P ESSE-C FRAN-P FULT-P GENE-? HERK-P JEFF-P LEWI-C LIVI-P MADI-P NIAG-? ONEI-P ONON-P ORAN-C OSWE-P OTSE-P RENS-? SARA-P SCHU-P SENE-P STEU-P STLA-C WARR-C WASH-P WAYN-P WEST-P WYOM-P	G4G5	S3	T
<i>Calamagrostis pickeringii</i>	Pickering's Reedgrass	ESSE-C FRAN-P HAMI-C HERK-C NASS-C STLA-C SUFF-C WARR-C	G4	S3	U
<i>Carex albicans</i> var. <i>emmonsii</i>	Emmons' Sedge	BRON-P CAYU-P DUTC-P GREE-C MONR-? NASS-P NEWY-P ONEI-? ONON-P ORAN-C OSWE-P PUTN-C QUEE-P ROCK-C STLA-P SUFF-C TOMP-P ULST-C WEST-P YATE-P	G5T5	S3	U
<i>Carex atherodes</i>	Awned Sedge	CHAU-P COLU-P JEFF-C LEWI-C MONR-? ONEI-P STLA-C	G5	S3	E
<i>Carex bicknellii</i>	Bicknell's Sedge	ALBA-C BRON-C COLU-P DUTC-C FULT-P NASS-P ORAN-C PUTN-C RENS-C ROCK-C SARA-P SCHE-P TOMP-P WARR-P WEST-C	G5	S3	T
<i>Carex bushii</i>	Bush's Sedge	ALBA-P BRON-C COLU-C DUTC-C FULT-C GREE-C ONEI-C ORAN-C PUTN-C RENS-C ROCK-C SCHE-C SUFF-C ULST-C WASH-C WEST-C YATE-?	G4	S3	U



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Carex cryptolepis	Northeastern Sedge	ALBA-C CAYU-C CHAU-C CHEM-C	G4	S3	U
		CLIN-C COLU-C DUTC-P ERIE-C			
		ESSE-C FRAN-C GENE-C HAMI-C			
		JEFF-C LEWI-P MADI-C MONR-C			
		NIAG-P ONEI-C ONON-C OSWE-C			
		OTSE-C SARA-C SCHE-C STLA-C			
		TIOG-C ULST-C WARR-C WASH-C			
		WEST-C			
Carex muchlenbergii var. enervis	Muhlenberg's Sedge	ALBA-P BRON-P CAYU-? CHEM-?	G5T5	S3	U
		DUTC-? MONR-? NASS-P NEWY-P			
		ONEI-P ORAN-P PUTN-P QUEE-P			
		RICH-? SUFF-P TIOG-P TOMP-P			
		WASH-? WEST-P			
Carex oligosperma	Few-seed Sedge	ALLE-C CATT-C CHAU-P ERIE-P	G5?	S3	U
		ESSE-P FRAN-C HAMI-P HERK-P			
		LEWI-P ONEI-C RENS-P STLA-C			
Carex seorsa	Weak Stellate Sedge	BRON-P CATT-P DUTC-C ERIE-P	G4	S4	T
		MADI-P NASS-P ONEI-P ONON-C			
		ONTA-P ORAN-C OSWE-C PUTN-C			
		RENS-P RICH-P ROCK-C SUFF-C			
		ULST-C WEST-P			
Carex striata var. brevis	Walter's Sedge	NASS-P SUFF-C	G4G5T4?	S3	U
Carex willdenowii	Willdenow's Sedge	BRON-P CAYU-P COLU-P DUTC-C	G5	S2S3	T
		GENE-C JEFF-P LIVI-C ONON-C			
		ORAN-C ROCK-? STEU-P SUFF-P			
		TOMP-C WYOM-C YATE-P			
Celastrus scandens	American Bittersweet	ALBA-P BRON-P CAYU-P CORT-P	G5	S3	U
		ERIE-C ESSE-P GENE-C GREE-P			
		LIVI-P MONR-P NASS-P NEWY-P			
		NIAG-C ONON-P ONTA-P ORAN-C			
		OSWE-P PUTN-P QUEE-C RENS-P			
		RICH-C ROCK-P SARA-P SCHE-P			
		SCHU-C SENE-P STLA-C SUFF-C			
		TIOG-P TOMP-P ULST-P WASH-P			
		WEST-P			
Ceratophyllum echinatum	Prickly Hornwort	COLU-P DELA-C DUTC-C ESSE-P	G4?	S3	T
		FRAN-P JEFF-C ONEI-P ORAN-C			
		OSWE-P RICH-P STLA-C SUFF-P			
		SULL-P TOMP-P ULST-C WARR-P			
		WEST-C YATE-P			



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<i>Clintonia umbellulata</i>	Speckled Woodlily	ALLE-P CATT-C CHAU-P ERIE-P LIVI-P WYOM-C	G5	S3	U
<i>Corydalis flavula</i>	Yellow Harlequin	DUTC-C GENE-P NASS-P ONEI-? ONON-P ONTA-P ORAN-C PUTN-C ROCK-C ULST-C WEST-C YATE-?	G5	S3	U
<i>Cuscuta pentagona</i>	Five-angled Field-dodder	BRON-P ERIE-P HERK-P KING-C MONR-? NASS-C NEWY-C NIAG-C ONON-? ONTA-P ORAN-C PUTN-C QUEE-C ROCK-C STLA-? SUFF-C	G4G5	S3	U
<i>Cyperus erythrorhizos</i>	Red-rooted Flatsedge	ALBA-C BRON-P CAYU-P CHAU-C CHEM-C COLU-P ERIE-P MONR-C NASS-C NEWY-C ONEI-P ORAN-C PUTN-C QUEE-C ROCK-P SARA-C SCHE-C SENE-? SUFF-C TOMP-P ULST-C WAYN-P WEST-P	G5	S3	U
<i>Cyperus houghtonii</i>	Houghton's Flatsedge	ALBA-C CHEM-P CLIN-C ESSE-C JEFF-C LEWI-C LIVI-P PUTN-P SARA-C SCHE-P STEU-P SUFF-C WARR-P WASH-C WEST-?	G4?	S3	U
<i>Cyperus odoratus</i>	Rusty Flatsedge	ALBA-C BRON-P CAYU-P CHAU-C COLU-P ERIE-P GREE-C JEFF-C MONR-C NASS-C NIAG-P ONEI-P ONON-C ORAN-C QUEE-P RENS-P RICH-C ROCK-C SARA-P SCHU-P STLA-C SUFF-C ULST-P WAYN-P WEST-P	G5	S3	U
<i>Cyperus schweinitzii</i>	Schweinitz's Flatsedge	ALBA-C CAYU-P CHAU-P CHEM-P COLU-C ERIE-P GREE-P JEFF-C KING-C LEWI-C MONR-C ONEI-P QUEE-C RENS-P SARA-C SCHE-C STLA-C WAYN-?	G5	S3	R
<i>Drosera filiformis</i>	Dew-thread	SUFF-C	G4	S3	R
<i>Eclipta prostrata</i>	False-daisy	BRON-P NEWY-X ORAN-C RICH-P ROCK-C SUFF-C ULST-P	G5	S1	E
<i>Eleocharis melanocarpa</i>	Black-fruited Spikerush	RICH-? SUFF-C	G4	S3	U
<i>Eleocharis robbinsii</i>	Robbins Spikerush	ESSE-P FULT-C JEFF-C LEWI-C ORAN-? OSWE-P STLA-C SUFF-C	G4G5	S3	U



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<i>Eupatorium serotinum</i>	Late Boneset	BRON-C NASS-C RICH-C ROCK-C SUFF-C	G5	S2S3	E
<i>Fuirena pumila</i>	Dwarf Umbrella-sedge	NASS-C ORAN-C SUFF-C WEST-P	G4	S3	R
<i>Geum vernum</i>	Spring Avens	BRON-P CHAU-C CHEN-C DUTC-C HERK-? KING-? LIVI-C NIAG-? ONEI-P ONON-P ONTA-P ORAN-C SCHU-C SUFF-P TOMP-C ULST-C WEST-P	G5	S2S3	E
<i>Heteranthera reniformis</i>	Kidneyleaf Mud-plantain	ALBA-C COLU-C DUTC-C GREE-C ORAN-P RENS-C SUFF-C ULST-C	G5	S3	U
<i>Hydrocotyle umbellata</i>	Water-pennywort	ONON-P OSWE-P ROCK-P SUFF-C TOMP-? WEST-?	G5	S3	U
<i>Hypericum ascyron</i>	Great St. John's-wort	ALBA-P BROO-P CATT-C CHEM-P CHEN-? COLU-C CORT-P DELA-C DUTC-? ERIE-C GENE-? HERK-? JEFF-P MONR-? NIAG-? ONEI-P ONON-? ORAN-P OSWE-P PUTN-? RENS-? SCHE-P STEU-P STLA-C SULL-C TIOG-P TOMP-P WARR-C WASH-P WEST-?	G4	S3	U
<i>Isoetes lacustris</i>	Large-spored Quillwort	COLU-P ESSE-C GREE-P HERK-P ONEI-? STLA-C WARR-C WASH-?	G5	S3	R
<i>Juglans cinerea</i>	Butternut	ALBA-P ALLE-P BRON-P CATT-P CAYU-P CHAU-C CHEM-P CLIN-P COLU-P DELA-P DUTC-P ERIE-P ESSE-P GENE-P GREE-P HAMI-P JEFF-P LEWI-P LIVI-P MADI-P NASS-P NIAG-P ONEI-P ONON-P ONTA-P ORAN-C OSWE-P OTSE-P PUTN-C QUEE-P RENS-C RICH-P ROCK-C SARA-P SCHE-C SCHO-P SCHU-P STEU-P STLA-P SUFF-C SULL-P TIOG-P TOMP-P ULST-P WARR-P WASH-P WEST-C WYOM-P	G4	S4	U
<i>Juncus diffusissimus</i>	Diffuse Rush	SUFF-C	G5	S1S3	U



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Lathyrus ochroleucus	Creamy Wild-pea	ALLE-P BROO-? CATT-C CAYU-? CHAU-P CHEM-C CLIN-C ERIE-P GENE-C JEFF-C LIVI-C MONR-? NIAG-P ONON-? ONTA-P ORAN-P SCHU-? SENE-? STLA-P TIOG-P TOMP-P WYOM-C YATE-?	G4G5	S3	U
Lechea racemulosa	Illinois Pinweed	NASS-C NEWY-P ORAN-C PUTN-C QUEE-? RICH-? ROCK-C SUFF-C WEST-?	G5	S3	R
Lespedeza repens	Trailing Bush-clover	BRON-P CHEM-P NASS-C RICH-C SARA-P SUFF-C TOMP-? ULST-P WEST-P	G5	S3	R
Lespedeza violacea	Violet Bush-clover	ALBA-C BRON-P CAYU-P CHEM-P CHEN-? COLU-P DUTC-C JEFF-P LIVI-C MONR-? NASS-? ONON-? ONTA-C ORAN-C QUEE-P RENS-C RICH-? ROCK-C SARA-P SCHE-? SCHO-? SUFF-C TIOG-? TOMP-P ULST-C WEST-P WYOM-C YATE-?	G5	S3	R
Limosella australis	Mudwort	ALBA-P COLU-P DUTC-P GREE-P ORAN-C PUTN-P QUEE-? ROCK-C SUFF-C ULST-P WEST-C	G4G5	S3	R
Linum striatum	Stiff Yellow Flax	BRON-? CHAU-C NASS-C ORAN-P RICH-P STLA-C SUFF-C WARR-C WEST-C	G5	S3	R
Lobelia nuttallii	Nuttall's Lobelia	ALBA-P NASS-X QUEE-X SUFF-C ULST-C	G4G5	S3	R
Lupinus perennis	Wild Lupine	ALBA-C BROO-P CHEM-C CHEN-P CLIN-P COLU-P DUTC-P ERIE-P KING-P MONR-C NASS-P ONEI-P ORAN-P OSWE-P PUTN-P QUEE-P RENS-P RICH-P SARA-C SCHE-C SCHU-P SENE-P SUFF-C SULL-C TIOG-P TOMP-C ULST-C WARR-P WASH-P WEST-P	G5	S3	U
Luzula bulbosa	Hairy Woodrush	ORAN-? SUFF-C ULST-C WARR-C	G5	S3	U
Luzula echinata	Spiny Woodrush	BRON-P DUTC-P MONR-P NIAG-P ONEI-? ONON-? ORAN-? ROCK-P SUFF-C TOMP-P ULST-?	G5	S3	U



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Mimulus alatus	Winged Monkeyflower	BRON-C DUTC-C GENE-C NIAG-C ORAN-C ORLE-C RICH-C SULL-C ULST-C WEST-C	G5	S3	R
Minuartia caroliniana	Pine-barren Sandwort	RICH-? SUFF-C	G5	S3	R
Minuartia groenlandica	Mountain Sandwort	ESSE-C HAMI-C ULST-C	G5	S3	U
Oclemena nemoralis	Bog Aster	ESSE-C FRAN-P HAMI-C HERK-C LEWI-P RENS-C RICH-? STLA-C SUFF-C TIOG-C WARR-? WEST-?	G5	S3	U
Oligoneuron album	Upland Goldenrod	ALBA-P JEFF-C MONR-P NIAG-C RENS-C SARA-C STLA-C WASH-C	G5	S3	U
Panicum amarum	Bitter Panic Grass	QUEE-C RICH-C SUFF-C	G5	S3	U
Panicum flexile	Wiry Panic Grass	ERIE-C GENE-C JEFF-C MADI-P ORAN-P SENE-P STLA-C SUFF-? WASH-C YATE-P	G5	S3	T
Phragmites australis ssp. americanus	American Phragmites	JEFF-C STLA-C WASH-?	G5T4	S3	U
Pinus banksiana	Jack Pine	CLIN-C DUTC-C ESSE-P HAMI-P ONEI-? ORAN-C STLA-P WARR-P	G5	S3	R
Polygala cruciata var. aquilonia	Cross-leaf Milkwort	KING-P NASS-P QUEE-P RICH-P SUFF-C	G5T4	S3?	U
Polygonum erectum	Erect Knotweed	ALBA-P BRON-P CATT-P CAYU-P CHEM-P CHEN-P CORT-P DUTC-P ERIE-P GREE-P HERK-P JEFF-P KING-P LIVI-P MADI-P MONT-? NASS-P NIAG-P ONEI-P ONON-P ONTA-P OSWE-P QUEE-P RENS-P RICH-P SARA-P SCHE-P STLA-P SUFF-P SULL-P TOMP-P ULST-P WARR-P WASH-P WAYN-P WEST-P YATE-P	G5	S2S3	E
Polygonum tenue	Slender Knotweed	ALBA-C BRON-P COLU-C DUTC-P ESSE-P GREE-P NASS-P ONON-P ORAN-C QUEE-P RENS-C RICH-C ROCK-C SARA-C SCHE-P SCHO-P SUFF-C ULST-C WASH-? WEST-P	G5	S3	R
Potamogeton confervoides	Algae-like Pondweed	ESSE-C HAMI-C HERK-C NASS-P RENS-C SARA-P STLA-P SUFF-P SULL-P WARR-P	G4	S3	T



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<i>Quercus marilandica</i> var. <i>marilandica</i>	Blackjack Oak	KING-C NASS-C RICH-C SUFF-C	G5T4T5	S3	U
<i>Ranunculus micranthus</i>	Small-flowered Crowfoot	BRON-P COLU-C ONEI-P ORAN-C PUTN-? RENS-P ROCK-C SUFF-P ULST-P WEST-P	G5	S3	T
<i>Rhynchospora macrostachya</i>	Tall Beakrush	SUFF-C	G4	S3	U
<i>Sagittaria subulata</i>	Strap-leaf Arrowhead	ALBA-P COLU-C DUTC-C GREE-C ORAN-C RENS-? ROCK-C ULST-C WEST-C	G4	S3	U
<i>Salix pyrifolia</i>	Balsam Willow	CLIN-C ESSE-C FRAN-C HAMI-P JEFF-C LEWI-C STLA-C	G5	S3	T
<i>Scheuchzeria palustris</i>	Pod Grass	ALBA-C ALLE-C CAYU-P COLU-P DUTC-P ERIE-C ESSE-C FRAN-C HAMI-P HERK-P MADI-C MONR-P ONEI-P ONON-P OSWE-C OTSE-C RENS-P SCHU-C STLA-C WARR-C WAYN-C	G5	S3	R
<i>Scleria reticularis</i>	Reticulated Nutrush	GENE-P NASS-X QUEE-X SUFF-C WEST-?	G4	S3	U
<i>Scutellaria parvula</i> var. <i>parvula</i>	Small Skullcap	ESSE-C JEFF-C NIAG-C ULST-C	G4T4	S3	U
<i>Symphotrichum ontarionis</i>	Ontario Aster	CHEM-? CLIN-C FRAN-C JEFF-C LEWI-C NIAG-? OSWE-? STLA-C	G5	S3	U
<i>Symphotrichum tenuifolium</i> var. <i>tenuifolium</i>	Slender Saltmarsh Aster	BRON-P KING-P NASS-P ONON-? QUEE-P RICH-P SUFF-C WEST-P	G5T5	S3	U
<i>Trichostema brachiatum</i>	False-pennyroyal	ALBA-C COLU-P DUTC-P JEFF-C NIAG-P RENS-C STLA-C ULST-P	G5	S3	U
<i>Utricularia geminiscapa</i>	Hiddenfruit Bladderwort	CATT-P CLIN-C DELA-P DUTC-C ESSE-C FRAN-? HAMI-C HERK-C JEFF-C LEWI-C NASS-? ONEI-? ONTA-? OSWE-P PUTN-C RICH-C SARA-P SENE-P STLA-C SUFF-C	G4G5	S3	U
<i>Utricularia inflata</i>	Swollen Bladderwort	FRAN-C HAMI-C HERK-C ORAN-C ROCK-C	G5	S2	E



2008 Rare Plant Status List - Watch List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
Utricularia minor	Lesser Bladderwort	CATT-C CAYU-C CHAU-P CLIN-? COLU-P DUTC-C ESSE-P GENE-? HAMI-C HERK-P LEWI-C MADI-P MONR-P ONEI-P ORAN-P OSWE-C RENS-P ROCK-P SARA-? SCHE-P SENE-C STLA-C SUFF-P TIOG-P WAYN-? WEST-C	G5	S3	T
Utricularia subulata	Zigzag Bladderwort	ORAN-? RICH-C SUFF-C	G5	S3	U
Vaccinium uliginosum	Bog Bilberry	ESSE-C	G5	S3	R
Veronica peregrina ssp. xalapensis	Neckweed	ALBA-C CATT-C CAYU-C CLIN-C JEFF-C NIAG-C SCHE-C STLA-C	G5T5	S3	U



2008 Rare Plant Status Lists – Review List

This review list contains species that may be rare within New York, but more work is needed to determine their distribution within the state, resolve taxonomic/identification problems, etc. before their state rarity can be documented. Within the list you will find the species, their global and estimated state rarity rank, and the reasons why each species is listed. We welcome and encourage anyone to submit comments about these species.

Scientific Name	Common Name	Reasons for including on the review list	Global Rank	State Rank
<i>Agalinis tenuifolia</i> var. <i>macrophylla</i>	Bessey's False-Foxglove	HERBARIUM AND FIELD WORK: There is some taxonomic confusion with this variety. Judith Canne-Hilliker lumped this under var. <i>tenuifolia</i> , but Mitchell currently has this listed as a unique variety. Kartesz and the USDA Plants Database recognize this as a distinct variety. If recognized separately, it is rare within New York.	G5T4T5	SR
<i>Agalinis tenuifolia</i> var. <i>parviflora</i>	Slender Foxglove	HERBARIUM AND FIELD WORK: Most authorities recognize this variety. There are very few recent records and this is likely rare. More research on its distribution and clarification of the taxonomy are needed.	G5T4	SR
<i>Anemone virginiana</i> var. <i>cylindroidea</i>	Thimbleweed	HERBARIUM WORK: There are very few records of this variety, but it may be overlooked. All specimens of <i>Anemone virginica</i> need to be reviewed and identified to variety to better determine the rarity of this variety. We also need to determine field characters to identify this variety.	G5TNR	S3?
<i>Angelica venenosa</i>	Hairy Angelica	FIELD WORK: This plant may be on the decline as upland open sites are developed. New York is at the northeastern edge of its range and it is rare in nearby states. Fieldwork is needed to check present distribution.	G5	S3?
<i>Aristida longespica</i> var. <i>geniculata</i>	Slender Three-Awn grass	FIELD WORK: This appears to only occur on Long Island and NYC. We need to know how common this is there. It may be limited to pine barren areas and the sands around coastal plain ponds.	G5T5?	S3?
<i>Aristida longespica</i> var. <i>longespica</i>	Slender Three-Awn grass	FIELD WORK: This appears to only occur on Long Island and NYC. We need to know how common this is there. It may be limited to pine barren areas and the sands around coastal plain ponds.	G5T5?	S3?
<i>Athyrium felix-femina</i> ssp. <i>asplenioides</i>	Southern Lady Fern	FIELD WORK: We would like to know if this is rare in the Lower Hudson area and Long Island	G5T5	S3?
<i>Aureolaria flava</i> var. <i>macrantha</i>	Yellow Foxglove	HERBARIUM AND FIELD WORK: There are only seven records of this variety, with the most recent collection in 1926. There are a number of herbarium specimens not identified to variety. The specimens need to be identified to variety to better determine the rarity of this variety.	G5TNR	S1?
<i>Bartonia paniculata</i> ssp. <i>iodandra</i>	Twining Screw-stem	HERBARIUM WORK: This is found in nearby New England states and may have been overlooked here in New York. Verify all <i>Bartonia paniculata</i> herbarium specimens and key to subspecies.	G5T3T5	S?
<i>Cakile edentula</i> var. <i>lacustris</i>	American Sea Rocket	HERBARIUM AND FIELD WORK: This is restricted to the shores of the Great Lakes where it may be possible to see both varieties. There are many herbarium specimens that need to be identified to variety. We need to hear from the Great Lakes botanists regarding how often they see this variety.	G5T3T5	S3?



2008 Rare Plant Status Lists – Review List

Scientific Name	Common Name	Reasons for including on the review list	Global Rank	State Rank
<i>Calamagrostis canadensis</i> var. <i>langsдорffii</i>	Bluejoint Grass	HERBARIUM WORK: This is separated from the more common <i>C. canadensis</i> by a larger inflorescence. If recognized, it is likely a northern taxon reaching its southern limit in New York. All <i>Calamagrostis canadensis</i> specimens need to be annotated to variety to better determine the rarity of this variety. Synonymous with var. <i>scabra</i> .	G5T5	S1?
<i>Calamovilfa longifolia</i>	Prairie Sandreed	HERBARIUM AND FIELD WORK: This is listed as a waif in New York (a single collection from a waste area in Buffalo) but it is native to all other Great Lake states/provinces. It needs more herbarium and fieldwork to determine if it is appearing along Lakes Erie and Ontario.	G5	S1?
<i>Calystegia sepium</i> varieties	Wild Morning Glory	HERBARIUM WORK: Little is known about these varieties. More herbarium work is needed to determine rarity.	G5T5	S?
<i>Carex adusta</i>	Swarthy Sedge	FIELD WORK: More fieldwork is needed to see if it is in New York. It may appear in gravel pits or in areas after a fire in the Adirondacks. It is present in nearby Ontario and Quebec.	G5	S1?
<i>Carex scoparia</i> var. <i>tesselata</i>	Pointed Broom Sedge	HERBARIUM WORK: There is only a single dot from Suffolk County, attributed to a single collection from Montauk. Reznicek has said it is a good taxon. The Suffolk County specimen needs to be verified and many of the <i>Carex scoparia</i> specimens, particularly those from Suffolk County, need to be identified to variety.	G5TNR	SH?
<i>Chenopodium berlandieri</i> var. <i>boscianum</i>	Bosc's Goosefoot	FIELD WORK: Based on the Flora of North America this is native to far western New York. More fieldwork is needed to study how common its habitat is and if it exists in the state.	G5T?	S1?
<i>Chenopodium foggii</i>	Fogg's Goosefoot	HERBARIUM WORK: It is unknown if any vouchers exist from New York. Further studies needed to determine the validity of this species.	G3Q	SR
<i>Corallorhiza odontorhiza</i> var. <i>pringlei</i>	Autumn Coral-Root	HERBARIUM WORK: Little is known about this variety. At the variety level, it is globally rare. The monograph of <i>Corallorhiza</i> by John Freudenstein (Harvard Papers in Botany, 1997) does include New York within the range of this variety, with at least one specimen identified to this variety.	G5T2T4	SR
<i>Cuscuta gronovii</i> var. <i>latiflora</i>	Two-flowered Gronovius Dodder	FIELD WORK: This may be common on Long Island and more fieldwork is needed to determine distribution and abundance. It closely resembles <i>C. var. obtusiflora</i> var. <i>glandulosa</i> .	G5T5?	S3?
<i>Eleocharis compressa</i> var. <i>compressa</i>	Flatstem Spike-rush	HERBARIUM WORK: <i>Eleocharis compressa</i> was recently separated from <i>Eleocharis elliptica</i> . New York has both taxa, but no one has yet reviewed all <i>Eleocharis elliptica</i> specimens to determine which are truly <i>E. elliptica</i> and which are <i>E. compressa</i> . Until this review is complete, the distribution for these two taxa is inaccurate.	G4T4	S?



2008 Rare Plant Status Lists – Review List

Scientific Name	Common Name	Reasons for including on the review list	Global Rank	State Rank
<i>Eleocharis wolffii</i>	Wolf's spikerush	HERBARIUM AND FIELD WORK: This species has a “wide range” but is apparently rare throughout much of its northern range (NatureServe Explorer 2002). It is poorly known and may be overlooked due to lack of inventory. It is threatened by the loss of its native wetland and grassland habitat. Fernald lists Long Island as a disjunct population, but Mitchell considered the Long Island plants adventive. Based upon its global distribution, this could be a true native in western New York as there are populations in neighboring states. More work is needed to determine its distribution. Closely related taxa should be verified to determine no <i>E. wolffii</i> are hiding in these folders.	G3?	SE
<i>Elymus macgregorii</i>	MacGregor's Wildrye	HERBARIUM AND FIELD WORK: This has been cited as being from New York. It needs more herbarium and fieldwork.	G?	S?
<i>Epilobium ciliatum</i> ssp. glandulosum	Willow-Herb	HERBARIUM WORK: Specimens need more study to determine native status.	G5T5	SH?
<i>Eupatorium sessilifolium</i> var. brittonianum	Upland Boneset	HERBARIUM AND FIELD WORK: Very few herbarium specimens of <i>Eupatorium sessilifolium</i> are identified to variety. This needs to be identified to variety to better determine the rarity of both varieties.	G5T3T5	S?
<i>Eupatorium sessilifolium</i> var. sessilifolium	Upland Boneset	HERBARIUM AND FIELD WORK: Very few herbarium specimens of <i>Eupatorium sessilifolium</i> are identified to variety. This needs to be identified to variety to better determine the rarity of both varieties.	G5T5	S?
<i>Glyceria obtusa</i>	Blunt Manna-Grass	FIELD WORK: This appears to only occur on Long Island and NYC with a disjunct from Cayuga County. We need to know how common this is on Long Island.	G5	S3?
<i>Huperzia porophila</i>	Rock Clubmoss	FIELD WORK: Within New York, we do have a single population of <i>Huperzia lucidula</i> x <i>porophila</i> (= <i>H. x bartleyi</i>), but no known populations of <i>Huperzia porophila</i> are located within New York. With this hybrid of <i>H. porophila</i> located within the state, we need to keep an eye open for this species.	G4	SU
<i>Isoetes acadensis</i>	Acadian Quillwort	HERBARIUM AND FIELD WORK: A specimen from Stoner Lakes has been identified to this species. This is a southern Adirondack lake, typical of the many other lakes throughout the Adirondacks. More surveys are needed to determine if this is known from other shallow acidic lakes. It is closely aligned with <i>Isoetes tuckermanii</i> and is known to hybridize with <i>Isoetes lacustris</i> , both well known from the Adirondack Lakes. More studies are needed to determine if there are consistent, dependable morphological characters that may be used to identify this species. The Stoner Lake specimen should also be confirmed to determine that it is not a hybrid with either <i>I. tuckermanii</i> or <i>I. lacustris</i> as one of the parents. Broader studies are needed to determine if this is a good entity or not.	G2G3	S1?
<i>Lemna obscura</i>	Little Duckweed	HERBARIUM WORK: Flora of North America separates <i>Lemna obscura</i> , <i>Lemna minor</i> , and <i>Lemna turionifera</i> . Mitchell & Tucker lumped these all under <i>Lemna minor</i> . As a result, all <i>Lemna minor</i> specimens need to be reviewed and verified. Undoubtedly, this review will discover that some specimens currently identified as <i>Lemna minor</i> will be annotated to <i>Lemna obscura</i> or <i>Lemna turionifera</i> .	G5	S?



2008 Rare Plant Status Lists – Review List

Scientific Name	Common Name	Reasons for including on the review list	Global Rank	State Rank
<i>Lemna turionifera</i>	Turion Duckweed	HERBARIUM WORK: Flora of North America separates <i>Lemna obscura</i> , <i>Lemna minor</i> , and <i>Lemna turionifera</i> . Mitchell & Tucker lumped these all under <i>Lemna minor</i> . As a result, all <i>Lemna minor</i> specimens need to be reviewed and verified. Undoubtedly, this review will discover that some specimens currently identified as <i>Lemna minor</i> will be annotated to <i>Lemna obscura</i> or <i>Lemna turionifera</i> .	G5	S?
<i>Malus glaucescens</i>	Sweet Crab-Apple	HERBARIUM WORK: This is a native crabapple from western New York. There is some taxonomic confusion between this and <i>Malus coronaria</i> . All specimens of both species need to be verified to determine their rarity and distribution. More studies are needed to determine if this is a good entity.	G4?Q	S2?
<i>Mertensia paniculata</i> var. <i>paniculata</i>	Tall Bluebells	HERBARIUM WORK: Specimens need to be verified and a determination needs to be made on its native status.	G5T5	S?
<i>Monarda media</i>	Purple Bergamot	HERBARIUM WORK: There is some taxonomic confusion around this plant. Some treat it as a species and others as a hybrid. More research on its taxonomic status is needed.	G4?	S2?
<i>Monarda punctata</i> var. <i>punctata</i>	Spotted Bee-Balm	FIELD WORK: Only known from Suffolk County. We need to know how common this is on Long Island.	G5T5	S1?
<i>Nuphar rubrodiscalis</i>	Purple-Spotted Pondlily	FIELD WORK: Only mentioned here because of the global rank. We need to know how common this is to better determine the global rank.	G3G5	S3S5
<i>Panax quinquefolium</i>	American Ginseng	FIELD WORK: Ginseng is only mentioned because of the global rank. We need an estimate of the total number of naturally occurring populations known within the state in order to provide ample evidence that the global rank should be a G4.	G3G4	S3S4
<i>Phaseolus polystachios</i> var. <i>polystachios</i>	Wild Kidney Bean	HERBARIUM AND FIELD WORK: We need to clarify this species native/non-native status and determine its distribution.	G4T4	S1?
<i>Phoradendron leucarpum</i>	American Mistletoe	HERBARIUM WORK: This plant is mentioned in the literature from Staten Island. We need to locate a voucher and determine if it was ever a native on Staten Island.	G5	SX
<i>Pityopsis falcata</i>	Sickle-Leaf Golden-Aster	FIELD WORK: Only recorded from Long Island, NYC, and Staten Island, but potentially abundant there. Only included because of the global rank. We need to estimate the total number of populations and population sizes to justify changing its global rank to a G4 or G5.	G3G4	S3?
<i>Polygala verticillata</i> var. <i>ambigua</i>	Whorled Milkwort	HERBARIUM WORK: We need to annotate many specimens to variety. The distribution of this variety is not well known.	G5T5?	S3?
<i>Polygala verticillata</i> var. <i>isocycla</i>	Whorled Milkwort	HERBARIUM WORK: We need to annotate many specimens to variety. The distribution of this variety is not well known.	G5T5	S3?
<i>Proserpinaca palustris</i> var. <i>palustris</i>	Mermaid-Weed	HERBARIUM AND FIELD WORK: There is one record from Suffolk County. We need to know how common this is on Long Island. Both varieties are present on Long Island, but there are few specimens of this variety.	G5T5	S1?



2008 Rare Plant Status Lists – Review List

Scientific Name	Common Name	Reasons for including on the review list	Global Rank	State Rank
<i>Ptilimnium capillaceum</i>	Mock Bishop-Weed	FIELD WORK: Restricted to Long Island. We need to know how common this is on Long Island and the habitats where it is observed.	G5	S3?
<i>Rosa blanda</i> var. <i>glabra</i>	Northern Rose	HERBARIUM WORK: This is a taxonomically questionable entity. We need to annotate many specimens to variety. The distribution of this variety is not well known.	G5T4?Q	S?
<i>Rosa nitida</i>	Shining Rose	FIELD WORK: This may be on the eastern end of the South Fork but more field work needs to be done to identify plants to species.	G5	S?
<i>Rosa setigera</i> var. <i>tomentosa</i>	Prairie Rose	HERBARIUM WORK: We need to annotate many specimens to variety. The distribution of this variety is not well known.	G5T5?	S1?
<i>Rudbeckia hirta</i> var. <i>hirta</i>	Black-Eyed Susan	HERBARIUM WORK: Specimens need more study to determine native status.	G5T4T5	SH
<i>Sagittaria australis</i>	Appalachian Arrowhead	HERBARIUM WORK: Flora of North America includes this species for New York with a specimen reported from in or near Monroe County. More research is needed to determine where this specimen is located.	G5	S?
<i>Schoenoplectus smithii</i> var. <i>setosus</i>	Bristly Smith's Bulrush	HERBARIUM AND FIELD WORK: The varieties of <i>Schoenoplectus smithii</i> are under-reported as many sources do not recognize them. As noted by Flora of North America though, these varieties occur in different habitats, so their recognition may be a useful ecological indicator. The habitat differences are: var. <i>levisetus</i> is usually in freshwater tidal habitats, var. <i>setosus</i> is usually in relatively stable water levels, and var. <i>smithii</i> is usually in tidal areas or areas with high water fluctuation.	G5T5	S?
<i>Schoenoplectus smithii</i> var. <i>smithii</i>	Smith's Bulrush	HERBARIUM AND FIELD WORK: The varieties of <i>Schoenoplectus smithii</i> are under-reported as many sources do not recognize them. As noted by Flora of North America though, these varieties occur in different habitats, so their recognition may be a useful ecological indicator. The habitat differences are: var. <i>levisetus</i> is usually in freshwater tidal habitats, var. <i>setosus</i> is usually in relatively stable water levels, and var. <i>smithii</i> is usually in tidal areas or areas with high water fluctuation.	G5	S4
<i>Selaginella eclipses</i>	Hidden Spikemoss	HERBARIUM AND FIELD WORK: More herbarium and field work is needed to determine if this species is in New York.	G4	S?
<i>Selaginella selaginoides</i>	Northern Spikemoss	FIELD WORK: Flora of North America indicates that this is known from far northern New York (St. Lawrence Valley). Botanists in this area of the state should keep an eye open for this species to confirm its presence in New York. We need to track down the vouchers used by the FNA authors to support the inclusion of northern New York.	G5	S?



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Scientific Name	Common Name	Reasons for including on the review list	Global Rank	State Rank
<i>Sisyrinchium albidum</i>	White Blue-eyed Grass	FIELD WORK: Flora of North America includes the Southern Tier as part of this species range. We need confirmation that this species is indeed present within New York. Botanists working in central New York near the Pennsylvania border should keep an eye open for this species.	G5?	S?
<i>Sisyrinchium montanum</i> var. <i>crebrum</i>	Blue-eyed Grass	HERBARIUM AND FIELD WORK: Very few herbarium specimens are identified to variety. We need to identify these to variety and determine its distribution.	G5T4T5	S1?
<i>Smilax lasioneura</i>	Blue Ridge Carrion-flower	HERBARIUM WORK: Flora of North America includes western New York within the range of <i>Smilax lasioneura</i> . We need to track down the vouchers used by the FNA authors to support the inclusion of western New York.	G5	S?
<i>Solidago canadensis</i> var. <i>hargerii</i>	Canadian Goldenrod	HERBARIUM AND FIELD WORK: Very few herbarium specimens are identified to variety. We need to identify these to variety and determine its distribution.	G5T4T5	S3?
<i>Solidago rugosa</i> ssp. <i>aspera</i>	Rough-Leaf Goldenrod	HERBARIUM AND FIELD WORK: Very few herbarium specimens are identified to subspecies. We need to identify these to subspecies and determine its distribution.	G5T5	S1
<i>Solidago rugosa</i> var. <i>sphagnophila</i>	Rough-Leaf Goldenrod	HERBARIUM AND FIELD WORK: Very few herbarium specimens are identified to variety. We need to identify these to variety and determine its distribution.	G5T3T5	SH
<i>Solidago rugosa</i> ssp. <i>rugosa</i> var. <i>villosa</i>	Rough-Leaf Goldenrod	HERBARIUM AND FIELD WORK: Very few herbarium specimens are identified to variety. We need to identify these to variety and determine its distribution.	G5T?	S?
<i>Solidago uliginosa</i> var. <i>levipes</i>	Bog Goldenrod	HERBARIUM AND FIELD WORK: Very few herbarium specimens are identified to variety. We need to identify these to variety and determine its distribution. NatureServe includes only Ontario and New York as the range of this plant. Not listed by Mitchell.	G4G5T?	SR
<i>Solidago uliginosa</i> var. <i>linoides</i>	Bog Goldenrod	HERBARIUM AND FIELD WORK: Very few herbarium specimens are identified to variety. We need to identify these to variety and determine its distribution.	G4G5T4T5	S?
<i>Solidago uliginosa</i> var. <i>uliginosa</i>	Bog Goldenrod	HERBARIUM AND FIELD WORK: Very few herbarium specimens are identified to variety. We need to identify these to variety and determine its distribution.	G4G5T4T5	S?
<i>Spiraea tomentosa</i> var. <i>rosea</i>	Hardhack Spiraea	HERBARIUM AND FIELD WORK: Very few herbarium specimens are identified to variety. We need to identify these to variety and determine its distribution.	G5T5	S?
<i>Symphotrichum lateriflorum</i> var. <i>hirsuticaulis</i>	Calico Aster	HERBARIUM WORK: The specimens need more study to separate the varieties. Some sources list this taxon at the species level (<i>Symphotrichum hirsuticaule</i>).	G5TNR	SH
<i>Symphotrichum novi-belgii</i> var. <i>villicaule</i>	New York Aster	HERBARIUM WORK: Based upon the NY Flora Atlas, this is a northern species with a very restricted distribution in New York. Very few herbarium specimens of <i>Aster novi-belgii</i> are identified to variety. The specimens need to be identified to variety to better determine the rarity of this variety.	G5TNR	S3?



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Scientific Name	Common Name	Reasons for including on the review list	Global Rank	State Rank
<i>Thaspium trifoliatum</i> var. <i>trifoliatum</i>	Meadow Parsnip	HERBARIUM AND FIELD WORK: More herbarium and fieldwork is needed to determine if this variety is in New York.	G5T5	S?
<i>Toxicodendron radicans</i> ssp. <i>negundo</i>	Poison Ivy	HERBARIUM AND FIELD WORK: Very few herbarium specimens are identified to variety. We need to identify these to variety and determine its distribution.	G5T5	S?
<i>Toxicodendron rydbergii</i>	Northern Poison Oak	FIELD WORK: We need more records to determine rarity. In particular, we need to know how abundant this may or may not be within the Adirondacks.	G5	S3?
<i>Zizania palustris</i>	Wild Rice	HERBARIUM AND FIELD WORK: We need to review all <i>Zizania aquatica</i> and <i>Zizania palustris</i> specimens to determine complete distribution and rarity of <i>Zizania palustris</i> . Very few specimens are located in herbaria, but many may be filed under <i>Zizania aquatica</i> .	G4G5	S?



Protected Native Plants

193.3 Protected native plants.

(a) All plants enumerated on the lists of endangered species in subdivision (b) of this section, threatened species in subdivision (c) of this section, rare species in subdivision (d) of this section, or exploitably vulnerable species in subdivision (e) of this section are protected native plants pursuant to section 9-1503 of the Environmental Conservation Law. The common names contained on these lists are included for information purposes only; the scientific name shall be used for the purpose of determining any violation. Site means a colony or colonies of plants separated from other colonies by at least one-half mile.

(b) The following are **endangered** native plants in danger of extirpation throughout all or a significant portion of their ranges within the state and requiring remedial action to prevent such extinction. Listed plants are those with five or fewer extant sites, or fewer than 1,000 individuals, or restricted to fewer than four U.S.G.S. 7 1/2 minute series maps, or species listed as endangered by the United States Department of Interior in the *Code of Federal Regulations*.

Species	Common Name
<i>Acalypha virginica</i> var. <i>virginica</i>	VIRGINIA THREE-SEEDED MERCURY
<i>Adoxa moschatellina</i>	MOSCHATEL
<i>Agalinis acuta</i>	SANDPLAIN GERARDIA
<i>Allium burdickii</i>	WILD LEEK
<i>Amaranthus pumilus</i>	SEABEACH AMARANTH
<i>Amelanchier nantucketensis</i>	NANTUCKET JUNE BERRY
<i>Ammophila champlainensis</i>	CHAMPLAIN BEACHGRASS
<i>Amphicarpum purshii</i>	PEANUT GRASS
<i>Angelica lucida</i>	ANGELICA
<i>Anthoxanthum monticolum</i> ssp. <i>orthanthum</i>	ALPINE SWEETGRASS
<i>Aplectrum hyemale</i>	PUTTYROOT
<i>Arabis drummondii</i>	DRUMMOND'S ROCK CRESS
<i>Arabis shortii</i>	TOOTHED ROCK-CRESS
<i>Aristolochia serpentaria</i>	VIRGINIA SNAKEROOT
<i>Arnica lanceolata</i>	ARNICA
<i>Artemisia campestris</i> var. <i>borealis</i>	WILD SAGE
<i>Asclepias variegata</i>	WHITE MILKWEED
<i>Asplenium bradleyi</i>	BRADLEY'S SPLEENWORT
<i>Asplenium trichomanes-ramosum</i>	GREEN SPLEENWORT
<i>Aster ciliolatus</i>	LINDLEY'S ASTER
<i>Aster concolor</i>	SILVERY ASTER
<i>Aster laevis</i> var. <i>concinus</i>	SMOOTH BLUE ASTER
<i>Aster lanceolatus</i> var. <i>interior</i>	TALL WHITE ASTER
<i>Aster lateriflorus</i> var. <i>hirsuticaulis</i>	CALICO ASTER
<i>Aster oolentangiensis</i>	SKY-BLUE ASTER
<i>Aster puniceus</i> var. <i>firmus</i>	CORNEL-LEAVED ASTER
<i>Aster radula</i>	SWAMP ASTER
<i>Astragalus neglectus</i>	COOPER'S MILKVETCH
<i>Atriplex glabriuscula</i>	SEASIDE ORACH
<i>Atriplex subspicata</i>	ORACHE
<i>Bartonia paniculata</i>	SCREW-STEM



Protected Native Plants

<i>Betula glandulosa</i>	TUNDRA DWARF BIRCH
<i>Betula minor</i>	DWARF WHITE BIRCH
<i>Bidens hyperborea</i>	ESTUARY BEGGAR-TICKS
<i>Blephilia ciliata</i>	DOWNY WOOD-MINT
<i>Botrychium campestre</i>	PRAIRIE DUNEWORT
<i>Botrychium lunaria</i>	MOONWORT
<i>Botrychium minganense</i>	MINGAN MOONWORT
<i>Botrychium oneidense</i>	BLUNT-LOBE GRAPE FERN
<i>Botrychium rugulosum</i>	RUGULOSE GRAPE FERN
<i>Bouteloua curtipendula</i>	SIDE-OATS GRAMA
<i>Buchnera americana</i>	BLUE-HEARTS
<i>Cacalia suaveolens</i>	SWEET-SCENTED INDIAN-PLANTAIN
<i>Calamagrostis perplexa</i>	WOOD REEDGRASS
<i>Calamagrostis porteri</i> ssp. <i>porteri</i>	PORTER'S REEDGRASS
<i>Calamagrostis stricta</i> ssp. <i>stricta</i>	NORTHERN REEDGRASS
<i>Callitriche hermaphroditica</i>	AUTUMNAL WATER-STARWORT
<i>Calypso bulbosa</i>	CALYPSO
<i>Cardamine rotundifolia</i>	MOUNTAIN WATERCRESS
<i>Carex aggregata</i>	GLOMERATE SEDGE
<i>Carex amphibola</i> var. <i>amphibola</i>	NARROW-LEAVED SEDGE
<i>Carex arcta</i>	NORTHERN CLUSTERED SEDGE
<i>Carex atherodes</i>	AWNED SEDGE
<i>Carex atratiformis</i>	BLACK SEDGE
<i>Carex barrattii</i>	BARRATT'S SEDGE
<i>Carex bullata</i>	BUTTON SEDGE
<i>Carex capillaris</i>	HAIR-LIKE SEDGE
<i>Carex caroliniana</i>	CAROLINA SEDGE
<i>Carex collinsii</i>	COLLINS' SEDGE
<i>Carex conjuncta</i>	SOFT FOX SEDGE
<i>Carex decomposita</i>	CYPRESS-KNEE SEDGE
<i>Carex emoryi</i>	EMORY'S SEDGE
<i>Carex flaccosperma</i> var. <i>glaucodea</i>	GLAUCOUS SEDGE
<i>Carex frankii</i>	FRANK'S SEDGE
<i>Carex garberi</i>	ELK SEDGE
<i>Carex gynocrates</i>	NORTHERN BOG SEDGE
<i>Carex haydenii</i>	CLOUD SEDGE
<i>Carex laxiflora</i> var. <i>serrulata</i>	LOOSE-FLOWERED SEDGE
<i>Carex livida</i> var. <i>radiculis</i>	LIVID SEDGE
<i>Carex meadii</i>	MEAD'S SEDGE
<i>Carex mesochorea</i>	MIDLAND SEDGE
<i>Carex nigra</i>	BLACK SEDGE
<i>Carex nigromarginata</i>	BLACK-EDGE SEDGE
<i>Carex retroflexa</i>	REFLEXED SEDGE
<i>Carex scirpoidea</i>	CANADIAN SINGLE-SPIKE SEDGE
<i>Carex shortiana</i>	SHORT'S SEDGE
<i>Carex straminea</i>	STRAW SEDGE
<i>Carex striatula</i>	LINED SEDGE



Protected Native Plants

<i>Carex styloflexa</i>	BENT SEDGE
<i>Carex sychnocephala</i>	MANY-HEAD SEDGE
<i>Carex tenuiflora</i>	SPARSE-FLOWERED SEDGE
<i>Carex tinctoria</i>	TINGED SEDGE
<i>Carex vaginata</i>	SHEATHED SEDGE
<i>Carex venusta</i> var. <i>minor</i>	GRACEFUL SEDGE
<i>Carex wiegandii</i>	WIEGAND'S SEDGE
<i>Castilleja coccinea</i>	SCARLET INDIAN-PAINTBRUSH
<i>Ceanothus herbaceus</i>	PRAIRIE REDROOT
<i>Chaerophyllum procumbens</i>	SPREADING CHERVIL
<i>Chasmanthium laxum</i>	SLENDER SPIKEGRASS
<i>Cheilanthes lanosa</i>	WOOLY LIP-FERN
<i>Chenopodium album</i> var. <i>missouriense</i>	MISSOURI GOOSEFOOT
<i>Chenopodium berlandieri</i> var. <i>macrocalycium</i>	LARGE CALYX GOOSEFOOT
<i>Collinsia verna</i>	BLUE-EYED-MARY
<i>Corallorhiza striata</i>	STRIPED CORALROOT
<i>Corema conradii</i>	BROOM CROWBERRY
<i>Cornus drummondii</i>	ROUGH-LEAF DOGWOOD
<i>Crassula aquatica</i>	PIGMYWEED
<i>Crataegus berberifolia</i>	HAWTHORN
<i>Crataegus compacta</i>	COMPACT HAWTHORN
<i>Crataegus mollis</i>	DOWNY HAWTHORN
<i>Crataegus uniflora</i>	DWARF HAWTHORN
<i>Crotalaria sagittalis</i>	RATTLEBOX
<i>Cuscuta cephalanthi</i>	BUTTON-BUSH DODDER
<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	SOUTHERN DODDER
<i>Cuscuta polygonorum</i>	SMARTWEED DODDER
<i>Cynoglossum virginianum</i> var. <i>boreale</i>	NORTHERN WILD COMFREY
<i>Cynoglossum virginianum</i> var. <i>virginianum</i>	WILD COMFREY
<i>Cyperus echinatus</i>	GLOBOSE FLATSEDEGE
<i>Cyperus flavescens</i> var. <i>flavescens</i>	YELLOW FLATSEDEGE
<i>Cyperus polystachyos</i> var. <i>texensis</i>	COAST FLATSEDEGE
<i>Cyperus retrorsus</i>	RETRORSE FLATSEDEGE
<i>Cypripedium candidum</i>	SMALL WHITE LADYSLIPPER
<i>Cypripedium parviflorum</i> var. <i>parviflorum</i>	SMALL YELLOW LADYSLIPPER
<i>Cystopteris protrusa</i>	LOWLAND FRAGILE FERN
<i>Descurainia pinnata</i> ssp. <i>brachycarpa</i>	NORTHERN TANSEY-MUSTARD
<i>Desmodium humifusum</i>	SPREADING TICK-CLOVER
<i>Desmodium laevigatum</i>	SMOOTH TICK-CLOVER
<i>Desmodium nuttallii</i>	NUTTALL'S TICK-CLOVER
<i>Desmodium obtusum</i>	BEGGAR-LICE
<i>Desmodium pauciflorum</i>	SMALL-FLOWERED TICK-CLOVER
<i>Diarrhena obovata</i>	BEAKGRASS
<i>Diplachne maritima</i>	SALT-MEADOW GRASS
<i>Draba glabella</i>	ROCK-CRESS
<i>Dracocephalum parviflorum</i>	AMERICAN DRAGONHEAD
<i>Dryopteris celsa</i>	LOG FERN



Protected Native Plants

<i>Dryopteris fragrans</i>	FRAGRANT CLIFF FERN
<i>Eclipta prostrata</i>	YERBA-DE-TAGO
<i>Elatine americana</i>	AMERICAN WATERWORT
<i>Eleocharis elliptica</i> var. <i>pseudoptera</i>	SLENDER SPIKERUSH
<i>Eleocharis engelmannii</i>	ENGELMANN'S SPIKERUSH
<i>Eleocharis fallax</i>	CREEPING SPIKERUSH
<i>Eleocharis obtusa</i> var. <i>ovata</i>	BLUNT SPIKERUSH
<i>Eleocharis quadrangulata</i>	ANGLED SPIKERUSH
<i>Eleocharis tricostata</i>	THREE-RIBBED SPIKERUSH
<i>Empetrum eamesii</i> ssp. <i>atropurpureum</i>	PURPLE CROWBERRY
<i>Epilobium ciliatum</i> ssp. <i>glandulosum</i>	WILLOW-HERB
<i>Epilobium hornemannii</i>	ALPINE WILLOW-HERB
<i>Equisetum laevigatum</i>	SMOOTH SCOURING RUSH
<i>Erechtites hieracifolia</i> var. <i>megalocarpa</i>	FIREWEED
<i>Erigenia bulbosa</i>	HARBINGER-OF-SPRING
<i>Erigeron hyssopifolius</i>	DAISY FLEABANE
<i>Eriophorum angustifolium</i> ssp. <i>scabriusculum</i>	NARROW-LEAF COTTONGRASS
<i>Euonymus americana</i>	AMERICAN STRAWBERRY-BUSH
<i>Eupatorium aromaticum</i>	SMALL WHITE SNAKEROOT
<i>Eupatorium leucolepis</i> var. <i>leucolepis</i>	WHITE BONESET
<i>Eupatorium rotundifolium</i> var. <i>ovatum</i>	ROUND-LEAF BONESET
<i>Eupatorium rotundifolium</i> var. <i>rotundifolium</i>	ROUND-LEAF BONESET
<i>Eupatorium serotinum</i>	LATE BONESET
<i>Euphorbia ipecacuanhae</i>	IPECAC SPURGE
<i>Festuca saximontana</i>	SHEEP FESCUE
<i>Galium concinnum</i>	SHINING BEDSTRAW
<i>Galium kamschaticum</i>	NORTHERN WILD-LICORICE
<i>Gaylussacia dumosa</i> var. <i>bigeloviana</i>	DWARF HUCKLEBERRY
<i>Gentiana saponaria</i>	SOAPWORT GENTIAN
<i>Gentianopsis procera</i>	LESSER FRINGED GENTIAN
<i>Geocaulon lividum</i>	PURPLE COMANDRA
<i>Geum vernum</i>	SPRING AVENS
<i>Geum virginianum</i>	ROUGH AVENS
<i>Gnaphalium helleri</i> var. <i>micradenium</i>	CATFOOT
<i>Gnaphalium purpureum</i>	PURPLE EVERLASTING
<i>Gnaphalium sylvaticum</i>	WOODLAND CUDWEED
<i>Gymnocladus dioica</i>	KENTUCKY COFFEE TREE
<i>Hackelia deflexa</i> var. <i>americana</i>	NORTHERN STICKSEED
<i>Halenia deflexa</i>	SPURRED GENTIAN
<i>Hippuris vulgaris</i>	MARE'S-TAIL
<i>Houstonia purpurea</i> var. <i>calycosa</i>	PURPLE BLUETS
<i>Houstonia purpurea</i> var. <i>purpurea</i>	PURPLE BLUETS
<i>Huperzia selago</i>	FIR CLUBMOSS
<i>Hydrangea arborescens</i>	WILD HYDRANGEA
<i>Hydrocotyle ranunculoides</i>	FLOATING PENNYWORT
<i>Hydrocotyle verticillata</i>	WATER-PENNYWORT
<i>Hypericum adpressum</i>	CREEPING ST. JOHN'S-WORT



Protected Native Plants

<i>Hypericum densiflorum</i>	BUSHY ST. JOHN'S-WORT
<i>Hypericum denticulatum</i>	COPPERY ST. JOHN'S-WORT
<i>Hypericum hypericoides</i> ssp. <i>multicaule</i>	ST. ANDREW'S CROSS
<i>Ipomoea pandurata</i>	WILD POTATO-VINE
<i>Isoetes riparia</i>	QUILLWORT
<i>Isotria medeoloides</i>	SMALL WHORLED POGONIA
<i>Juncus ambiguus</i>	DOUBTFUL TOAD-RUSH
<i>Juncus brachycarpus</i>	SHORT-FRUIT RUSH
<i>Juncus debilis</i>	WEAK RUSH
<i>Juncus ensifolius</i>	ENSIFORM RUSH
<i>Juncus marginatus</i> var. <i>biflorus</i>	LARGE GRASS-LEAVED RUSH
<i>Juncus scirpoides</i>	SCIRPUS-LIKE RUSH
<i>Juncus stygius</i> ssp. <i>americanus</i>	MOOR-RUSH
<i>Juncus subcaudatus</i>	WOODS-RUSH
<i>Juniperus horizontalis</i>	PROSTRATE JUNIPER
<i>Lachnanthes caroliniana</i>	CAROLINA REDROOT
<i>Lactuca floridana</i>	FALSE LETTUCE
<i>Lactuca hirsuta</i>	DOWNY LETTUCE
<i>Lathyrus venosus</i>	ROUGH VEINY VETCHLING
<i>Lechea pulchella</i> var. <i>moniliformis</i>	BEAD PINWEED
<i>Lemna perpusilla</i>	MINUTE DUCKWEED
<i>Lemna valdiviana</i>	PALE DUCKWEED
<i>Leucospora multifida</i>	LEUCOSPORA
<i>Liatris cylindracea</i>	SLENDER BLAZING-STAR
<i>Ligusticum scoticum</i>	SCOTCH LOVAGE
<i>Lilium michiganense</i>	MICHIGAN LILY
<i>Linum medium</i> var. <i>medium</i>	WILD FLAX
<i>Liparis liliifolia</i>	LARGE TWAYBLADE
<i>Lipocarpus micrantha</i>	DWARF BULRUSH
<i>Listera auriculata</i>	AURICLED TWAYBLADE
<i>Listera australis</i>	SOUTHERN TWAYBLADE
<i>Listera convallarioides</i>	BROAD-LIPPED TWAYBLADE
<i>Lithospermum carolinense</i> ssp. <i>croceum</i>	GOLDEN PUCCOON
<i>Littorella uniflora</i>	AMERICAN SHORE-GRASS
<i>Loiseleuria procumbens</i>	ALPINE AZALEA
<i>Luzula spicata</i>	SPIKED WOODTHRUSH
<i>Lycopodiella caroliniana</i>	CAROLINA CLUBMOSS
<i>Lycopodium complanatum</i>	NORTHERN RUNNING-PINE
<i>Lycopodium sitchense</i>	SITKA CLUBMOSS
<i>Lycopus rubellus</i>	GYPSY-WORT
<i>Lycopodium palmatum</i>	CLIMBING FERN
<i>Lysimachia hybrida</i>	LANCE-LEAVED LOOSESTRIFE
<i>Lysimachia quadriflora</i>	FOUR-FLOWERED LOOSESTRIFE
<i>Lythrum lineare</i>	SALTMARSH LOOSESTRIFE
<i>Magnolia virginiana</i>	SWEETBAY MAGNOLIA
<i>Malaxis bayardii</i>	BAYARD'S MALAXIS
<i>Malus glaucescens</i>	AMERICAN CRAB



Protected Native Plants

<i>Melanthium virginicum</i>	VIRGINIA BUNCHFLOWER
<i>Monarda clinopodia</i>	BASIL-BALM
<i>Myriophyllum pinnatum</i>	GREEN PARROT'S-FEATHER
<i>Najas guadalupensis</i> var. <i>muenscheri</i>	MUENSCHER'S NAIAD
<i>Najas guadalupensis</i> var. <i>olivacea</i>	SOUTHERN NAIAD
<i>Najas marina</i>	HOLLY-LEAVED NAIAD
<i>Oenothera laciniata</i>	CUT-LEAVED EVENING-PRIMROSE
<i>Oldenlandia uniflora</i>	CLUSTERED BLUEETS
<i>Onosmodium virginianum</i>	VIRGINIA FALSE GROMWELL
<i>Oryzopsis canadensis</i>	CANADA RICEGRASS
<i>Oxypolis rigidior</i>	STIFF COWBANE
<i>Panicum leibergii</i>	LEIBERG'S PANIC GRASS
<i>Panicum oligosanthes</i> var. <i>oligosanthes</i>	FEW-FLOWERED PANIC GRASS
<i>Panicum scabriusculum</i>	PANIC GRASS
<i>Panicum scoparium</i>	VELVET PANIC GRASS
<i>Panicum stipitatum</i>	TALL FLAT PANIC GRASS
<i>Panicum wrightianum</i>	WRIGHT'S PANIC GRASS
<i>Paspalum laeve</i> var. <i>circulare</i>	ROUND FIELD BEADGRASS
<i>Paspalum laeve</i> var. <i>pilosum</i>	HAIRY FIELD BEADGRASS
<i>Paspalum setaceum</i> var. <i>psammophilum</i>	SLENDER BEADGRASS
<i>Petasites frigidus</i> var. <i>palmatus</i>	SWEET COLTSFOOT
<i>Phlox maculata</i>	WILD SWEET-WILLIAM
<i>Phlox pilosa</i>	DOWNY PHLOX
<i>Physalis pubescens</i> var. <i>integrifolia</i>	GROUND-CHERRY
<i>Physalis virginiana</i>	VIRGINIA GROUND-CHERRY
<i>Physocarpus opulifolius</i> var. <i>intermedius</i>	NINEBARK
<i>Pinus virginiana</i>	VIRGINIA PINE
<i>Platanthera ciliaris</i>	ORANGE FRINGED ORCHIS
<i>Platanthera cristata</i>	CRESTED FRINGED ORCHIS
<i>Platanthera hookeri</i>	HOOKE'S ORCHID
<i>Platanthera leucophaea</i>	PRAIRIE FRINGED ORCHID
<i>Poa cuspidata</i>	BLUEGRASS
<i>Poa fernaldiana</i>	FERNALD BLUEGRASS
<i>Poa glauca</i>	WHITE BLUEGRASS
<i>Poa interior</i>	INLAND BLUEGRASS
<i>Poa paludigena</i>	SLENDER MARSH BLUEGRASS
<i>Poa sylvestris</i>	WOODLAND BLUEGRASS
<i>Polygala lutea</i>	YELLOW MILKWORT
<i>Polygonum buxiforme</i>	SMALL'S KNOTWEED
<i>Polygonum erectum</i>	ERECT KNOTWEED
<i>Polygonum setaceum</i> var. <i>interjectum</i>	SWAMP SMARTWEED
<i>Polymnia uvedalia</i>	BEAR'S-FOOT
<i>Polystichum lonchitis</i>	NORTHERN HOLLY-FERN
<i>Potamogeton diversifolius</i>	WATER-THREAD PONDWEED
<i>Potamogeton filiformis</i> var. <i>alpinus</i>	SLENDER PONDWEED
<i>Potamogeton filiformis</i> var. <i>occidentalis</i>	SHEATHED PONDWEED
<i>Potamogeton ogednii</i>	OGDEN'S PONDWEED



Protected Native Plants

<i>Potamogeton strictifolius</i>	STRAIGHT-LEAF PONDWEED
<i>Potentilla paradoxa</i>	BUSHY CINQUEFOIL
<i>Prenanthes boottii</i>	BOOTT'S RATTLESNAKE-ROOT
<i>Prenanthes crepidinea</i>	NODDING RATTLESNAKE-ROOT
<i>Prenanthes nana</i>	DWARF RATTLESNAKE-ROOT
<i>Prunus pumila</i> var. <i>pumila</i>	LOW SAND-CHERRY
<i>Ptelea trifoliata</i>	WAFER-ASH
<i>Pterospora andromedea</i>	GIANT PINE-DROPS
<i>Pycnanthemum clinopodioides</i>	MOUNTAIN-MINT
<i>Pycnanthemum torrei</i>	TORREY'S MOUNTAIN-MINT
<i>Pycnanthemum verticillatum</i> var. <i>pilosum</i>	WHORLED MOUNTAIN-MINT
<i>Pyrola minor</i>	MOUNTAIN PYROLA
<i>Pyxidantha barbata</i>	PIXIES
<i>Quercus phellos</i>	WILLOW OAK
<i>Ranunculus cymbalaria</i>	SEASIDE CROWFOOT
<i>Ranunculus hispidus</i> var. <i>nitidus</i>	SWAMP BUTTERCUP
<i>Rhododendron lapponicum</i>	LAPLAND ROSEBAY
<i>Rhynchospora torreyana</i>	TORREY'S BEAKRUSH
<i>Rosa acicularis</i> ssp. <i>sayi</i>	PRICKLY ROSE
<i>Rosa nitida</i>	SHINING ROSE
<i>Rubus cuneifolius</i>	SAND BLACKBERRY
<i>Rudbeckia hirta</i> var. <i>hirta</i>	BLACK-EYED-SUSAN
<i>Rumex hastatulus</i>	HEART SORREL
<i>Rumex maritimus</i> var. <i>fuiginus</i>	GOLDEN DOCK
<i>Sabatia angularis</i>	ROSE-PINK
<i>Sabatia campanulata</i>	SLENDER MARSH-PINK
<i>Sagina decumbens</i>	SMALL-FLOWERED PEARLWORT
<i>Sagittaria teres</i>	QUILL-LEAF ARROWHEAD
<i>Salix cordata</i>	SAND DUNE WILLOW
<i>Salix herbacea</i>	DWARF WILLOW
<i>Salvia lyrata</i>	LYRE-LEAF SAGE
<i>Saxifraga oppositifolia</i>	PURPLE MOUNTAIN-SAXIFRAGE
<i>Saxifraga paniculata</i>	WHITE MOUNTAIN-SAXIFRAGE
<i>Schizaea pusilla</i>	CURLYGRASS
<i>Scirpus clintonii</i>	CLINTON'S CLUBRUSH
<i>Scirpus georgianus</i>	GEORGIA BULRUSH
<i>Scirpus heterochaetus</i>	SLENDER BULRUSH
<i>Scirpus maritimus</i>	SEASIDE BULRUSH
<i>Scirpus novae-angliae</i>	SALTMARSH BULRUSH
<i>Scleria minor</i>	SLENDER NUTRUSH
<i>Scleria pauciflora</i> var. <i>caroliniana</i>	FEWFLOWER NUTRUSH
<i>Scleria reticularis</i> var. <i>pubescens</i>	RETICULATE NUTRUSH
<i>Scleria verticillata</i>	LOW NUTRUSH
<i>Scutellaria incana</i>	HOARY SKULLCAP
<i>Scutellaria integrifolia</i>	HYSSOP-SKULLCAP
<i>Sedum integrifolium</i> ssp. <i>leedyi</i>	LEEDY'S ROSEROOT
<i>Sedum rosea</i>	ROSE-ROOT



Protected Native Plants

<i>Sedum telephioides</i>	LIVE-FOREVER
<i>Sesuvium maritimum</i>	SEA PURSLANE
<i>Sisyrinchium mucronatum</i>	MICHAUX'S BLUE-EYED-GRASS
<i>Smilax pseudo-china</i>	FALSE CHINA-ROOT
<i>Smilax puberulenta</i>	JACOB'S-LADDER
<i>Solidago elliotii</i>	COASTAL GOLDENROD
<i>Solidago houghtonii</i>	HOUGHTON'S GOLDENROD
<i>Solidago rugosa</i> ssp. <i>aspera</i>	ROUGH GOLDENROD
<i>Solidago rugosa</i> var. <i>sphagnophila</i>	TALL HAIRY GOLDENROD
<i>Solidago sempervirens</i> var. <i>mexicana</i>	SEASIDE GOLDENROD
<i>Solidago simplex</i> var. <i>racemosa</i>	MOUNTAIN GOLDENROD
<i>Sphenopholis obtusata</i> var. <i>obtusata</i>	PRAIRIE WEDGEGRASS
<i>Sphenopholis pennsylvanica</i>	SWAMP OATS
<i>Spiraea septentrionalis</i>	MOUNTAIN MEADOWSWEET
<i>Spiranthes vernalis</i>	SPRING LADIES'-TRESSES
<i>Sporobolus clandestinus</i>	ROUGH RUSH-GRASS
<i>Strophostyles umbellata</i>	PINK WILD BEAN
<i>Suaeda linearis</i>	NARROW-LEAF SEA-BLITE
<i>Suaeda rolandii</i>	ROLAND'S SEA-BLITE
<i>Subularia aquatica</i> var. <i>americana</i>	WATER AWLWORT
<i>Thalictrum venulosum</i>	VEINY MEADOW-RUE
<i>Tipularia discolor</i>	CRANEFLY ORCHID
<i>Tofieldia glutinosa</i>	STICKY FALSE ASPHODEL
<i>Trichomanes intricatum</i>	FILMY FERN
<i>Trichostema setaceum</i>	TINY BLUE-CURLS
<i>Trillium flexipes</i>	NODDING TRILLIUM
<i>Trillium sessile</i>	TOAD-SHADE
<i>Tripbora trianthophora</i>	NODDING POGONIA
<i>Trisetum melicoides</i>	MELIC-OATS
<i>Utricularia inflata</i>	LARGE FLOATING BLADDERWORT
<i>Uvularia puberula</i> var. <i>nitida</i>	MOUNTAIN BELLWORT
<i>Vaccinium cespitosum</i>	DWARF BLUEBERRY
<i>Valeriana uliginosa</i>	MARSH VALERIAN
<i>Valerianella chenopodiifolia</i>	GOOSEFOOT CORN-SALAD
<i>Valerianella umbilicata</i>	CORN-SALAD
<i>Vernonia gigantea</i>	TALL IRONWEED
<i>Viburnum nudum</i> var. <i>nudum</i>	POSSUM-HAW
<i>Viola brittoniana</i> var. <i>brittoniana</i>	COASTAL VIOLET
<i>Viola hirsutula</i>	SOUTHERN WOOD VIOLET
<i>Viola nephrophylla</i>	NORTHERN BOG VIOLET
<i>Viola novae-angliae</i>	NEW ENGLAND VIOLET
<i>Vitis vulpina</i>	WINTER GRAPE
<i>Vittaria appalachiana</i>	APPALACHIAN VITTARIA
<i>Woodsia alpina</i>	ALPINE WOODSIA
<i>Woodsia glabella</i>	SMOOTH WOODSIA



Protected Native Plants

(c) The following are **threatened** native plants that are likely to become endangered within the foreseeable future throughout all or a significant portion of their ranges in the state. Listed plants are those with six to fewer than 20 extant sites, or 1,000 to fewer than 3,000 individuals, or restricted to not less than four or more than seven U.S.G.S. 7 1/2 minute series maps, or species listed as threatened by the United State Department of Interior in the Code of Federal Regulations.

Species	Common Name
<i>Aconitum noveboracense</i>	NORTHERN MONK'S-HOOD
<i>Agalinis paupercula</i> var. <i>borealis</i>	NORTHERN GERARDIA
<i>Agastache nepetoides</i>	YELLOW GIANT-HYSSOP
<i>Agrimonia rostellata</i>	WOODLAND AGRIMONY
<i>Agrostis mertensii</i>	NORTHERN BENTGRASS
<i>Aletris farinosa</i>	STARGRASS
<i>Allium cernuum</i>	WILD ONION
<i>Arabis missouriensis</i>	GREEN ROCK-CRESS
<i>Arethusa bulbosa</i>	SWAMP PINK
<i>Asclepias viridiflora</i>	GREEN MILKWEED
<i>Asimina triloba</i>	PAWPAW
<i>Asplenium montanum</i>	MOUNTAIN SPLEENWORT
<i>Asplenium scolopendrium</i> var. <i>americanum</i>	HART'S-TONGUE FERN
<i>Aster borealis</i>	RUSH ASTER
<i>Aster pilosus</i> var. <i>pringlei</i>	HEATH ASTER
<i>Aster solidagineus</i>	FLAX-LEAF WHITETOP
<i>Aster spectabilis</i>	SHOWY ASTER
<i>Aster subulatus</i>	SALTMARSH ASTER
<i>Betula pumila</i>	SWAMP BIRCH
<i>Bidens laevis</i>	SMOOTH BUR-MARIGOLD
<i>Calamagrostis stricta</i> ssp. <i>inexpansa</i>	NORTHERN REEDGRASS
<i>Callitriche terrestris</i>	TERRESTRIAL STARWORT
<i>Cardamine longii</i>	LONG'S BITTERCRESS
<i>Carex abscondita</i>	THICKET SEDGE
<i>Carex backii</i>	ROCKY MOUNTAIN SEDGE
<i>Carex bicknellii</i>	BICKNELL'S SEDGE
<i>Carex bigelowii</i>	BIGELOW'S SEDGE
<i>Carex buxbaumii</i>	BROWN BOG SEDGE
<i>Carex chordorrhiza</i>	CREEPING SEDGE
<i>Carex crawei</i>	CRAWE'S SEDGE
<i>Carex cumulata</i>	CLUSTERED SEDGE
<i>Carex davisii</i>	DAVIS' SEDGE
<i>Carex formosa</i>	HANDSOME SEDGE
<i>Carex hitchcockiana</i>	HITCHCOCK'S SEDGE
<i>Carex hormathodes</i>	MARSH STRAW SEDGE
<i>Carex houghtoniana</i>	HOUGHTON'S SEDGE
<i>Carex jamesii</i>	NEBRASKA SEDGE
<i>Carex merritt-fernaldii</i>	FERNALD'S SEDGE
<i>Carex mitchelliana</i>	MITCHELL'S SEDGE
<i>Carex molesta</i>	TROUBLESOME SEDGE



Protected Native Plants

<i>Carex sartwellii</i>	SARTWELL'S SEDGE
<i>Carex schweinitzii</i>	SCHWEINITZ' SEDGE
<i>Carex seorsa</i>	WEAK STELLATE SEDGE
<i>Carex typhina</i>	CAT-TAIL SEDGE
<i>Carex willdenowii</i>	WILLDENOW'S SEDGE
<i>Carya laciniosa</i>	BIG SHELLBARK HICKORY
<i>Cenchrus tribuloides</i>	DUNE SANDSPUR
<i>Ceratophyllum echinatum</i>	PRICKLY HORNWORT
<i>Chamaelirium luteum</i>	BLAZING-STAR
<i>Chenopodium rubrum</i>	RED PIGWEED
<i>Corydalis aurea</i>	GOLDEN CORYDALIS
<i>Cyperus lupulinus</i> ssp. <i>lupulinus</i>	HOP SEDGE
<i>Cypripedium arietinum</i>	RAM'S-HEAD LADYSLIPPER
<i>Desmodium ciliare</i>	LITTLE-LEAF TICK-TREFOIL
<i>Diapensia lapponica</i>	DIAPENSIA
<i>Digitaria filiformis</i>	SLENDER CRABGRASS
<i>Diospyros virginiana</i>	PERSIMMON
<i>Draba arabisans</i>	ROCK-CRESS
<i>Draba reptans</i>	CAROLINA WHITLOW-GRASS
<i>Eleocharis equisetoides</i>	KNOTTED SPIKERUSH
<i>Eleocharis halophila</i>	SALT-MARSH SPIKERUSH
<i>Eleocharis tuberculosa</i>	LONG-TUBERCLED SPIKERUSH
<i>Equisetum pratense</i>	MEADOW HORSETAIL
<i>Equisetum palustre</i>	MARSH HORSETAIL
<i>Eupatorium album</i> var. <i>subvenosum</i>	WHITE BONESET
<i>Eupatorium hyssopifolium</i> var. <i>laciniatum</i>	FRINGED BONESET
<i>Fimbristylis castanea</i>	MARSH FIMBRY
<i>Frasera caroliniensis</i>	GREEN GENTIAN
<i>Geranium carolinianum</i> var. <i>sphaerospermum</i>	CAROLINA CRANESBILL
<i>Geum triflorum</i>	PRAIRIE-SMOKE
<i>Hedeoma hispidum</i>	MOCK-PENNYROYAL
<i>Helianthemum dumosum</i>	BUSHY ROCKROSE
<i>Helianthus angustifolius</i>	SWAMP SUNFLOWER
<i>Hottonia inflata</i>	FEATHERFOIL
<i>Huperzia appalachiana</i>	APPALACHIAN FIRMOSS
<i>Hydrastis canadensis</i>	GOLDEN-SEAL
<i>Hypericum prolificum</i>	SHRUBBY ST. JOHN'S WORT
<i>Iris prismatica</i>	SLENDER BLUE FLAG
<i>Jeffersonia diphylla</i>	TWIN-LEAF
<i>Juncus trifidus</i>	ARCTIC RUSH
<i>Lechea tenuifolia</i>	SLENDER PINWEED
<i>Lespedeza stuevei</i>	VELVETY LESPEDEZA
<i>Liatris borealis</i>	NORTHERN BLAZING-STAR
<i>Lilaeopsis chinensis</i>	LILAEOPSIS
<i>Linum intercursum</i>	SANDPLAIN WILD FLAX
<i>Linum medium</i> var. <i>texanum</i>	SOUTHERN YELLOW FLAX
<i>Linum sulcatum</i>	YELLOW WILD FLAX



Protected Native Plants

<i>Ludwigia sphaerocarpa</i>	GLOBE-FRUITED LUDWIGIA
<i>Megalodonta beckii</i> var. <i>beckii</i>	WATER-MARIGOLD
<i>Minuartia glabra</i>	APPALACHIAN SANDWORT
<i>Myriophyllum alterniflorum</i>	WATER MILFOIL
<i>Myriophyllum farwellii</i>	FARWELL'S WATER MILFOIL
<i>Oenothera parviflora</i> var. <i>oakesiana</i>	EVENING PRIMROSE
<i>Orontium aquaticum</i>	GOLDEN CLUB
<i>Oxalis violacea</i>	VIOLET WOOD-SORREL
<i>Panicum flexile</i>	WIRY PANIC GRASS
<i>Paspalum setaceum</i> var. <i>setaceum</i>	SLENDER BEADGRASS
<i>Pedicularis lanceolata</i>	SWAMP LOUSEWORT
<i>Pellaea glabella</i>	SMOOTH CLIFF BRAKE
<i>Pinguicula vulgaris</i>	BUTTERWORT
<i>Plantago cordata</i>	HEARTLEAF PLANTAIN
<i>Plantago maritima</i> ssp. <i>juncoides</i>	SEASIDE PLANTAIN
<i>Podostemum ceratophyllum</i>	RIVERWEED
<i>Polygonum careyi</i>	CAREY'S SMARTWEED
<i>Polygonum douglasii</i>	DOUGLAS' KNOTWEED
<i>Polygonum hydropiperoides</i> var. <i>opelousanum</i>	OPELOUSA SMARTWEED
<i>Populus heterophylla</i>	SWAMP COTTONWOOD
<i>Potamogeton alpinus</i>	NORTHERN PONDWEED
<i>Potamogeton confervoides</i>	ALGAE-LIKE PONDWEED
<i>Potamogeton hillii</i>	HILL'S PONDWEED
<i>Potamogeton pulcher</i>	SPOTTED PONDWEED
<i>Potentilla anserina</i> ssp. <i>egedii</i>	SILVERWEED
<i>Primula mistassinica</i>	BIRD'S-EYE PRIMROSE
<i>Proserpinaca pectinata</i>	COMB-LEAVED MERMAID-WEED
<i>Prunus pumila</i> var. <i>depressa</i>	DWARF SAND-CHERRY
<i>Pycnanthemum muticum</i>	BLUNT MOUNTAIN-MINT
<i>Pycnanthemum verticillatum</i> var. <i>verticillatum</i>	WHORLED MOUNTAIN-MINT
<i>Pyrola asarifolia</i>	PINK WINTERGREEN
<i>Ranunculus micranthus</i>	SMALL-FLOWERED CROWFOOT
<i>Rhododendron canadense</i>	RHODORA
<i>Rhynchospora inundata</i>	DROWNED HORNED BUSH
<i>Rhynchospora nitens</i>	SHORT-BEAKED BALD-RUSH
<i>Rorippa aquatica</i>	LAKE-CRESS
<i>Rotala ramosior</i>	TOOTH-CUP
<i>Sabatia stellaris</i>	SEA-PINK
<i>Sagittaria calycina</i> var. <i>spongiosa</i>	SPONGY ARROWHEAD
<i>Salicornia bigelovii</i>	DWARF GLASSWORT
<i>Salix pyrifolia</i>	BALSAM WILLOW
<i>Salix uva-ursi</i>	BEARBERRY WILLOW
<i>Saxifraga aizoides</i>	YELLOW MOUNTAIN-SAXIFRAGE
<i>Scirpus cespitosus</i>	DEER'S HAIR SEDGE
<i>Scleria triglomerata</i>	WHIP NUTRUSH
<i>Solidago multiradiata</i> var. <i>arctica</i>	ALPINE GOLDENROD
<i>Solidago ohioensis</i>	OHIO GOLDEROD



Protected Native Plants

<i>Solidago rigida</i>	STIFF-LEAF GOLDENROD
<i>Solidago simplex</i> var. <i>randii</i>	MOUNTAIN GOLDENROD
<i>Sparganium nutans</i>	SMALL BUR-REED
<i>Sporobolus heterolepis</i>	NORTHERN DROPSEED
<i>Stachys hyssoipifolia</i>	ROUGH HEDGE-NETTLE
<i>Stellaria longipes</i>	STARWORT
<i>Triglochin palustre</i>	MARSH ARROW-GRASS
<i>Tripsacum dactyloides</i>	NORTHERN GAMMA GRASS
<i>Ulmus thomasi</i>	CORK ELM
<i>Utricularia juncea</i>	RUSH BLADDERWORT
<i>Utricularia minor</i>	LESSER BLADDERWORT
<i>Utricularia radiata</i>	SMALL FLOATING BLADDERWORT
<i>Utricularia striata</i>	BLADDERWORT
<i>Vaccinium boreale</i>	HIGH-MOUNTAIN BLUEBERRY
<i>Verbesina alternifolia</i>	WINGSTEM
<i>Veronicastrum virginicum</i>	CULVER'S ROOT
<i>Viburnum dentatum</i> var. <i>venosum</i>	SOUTHERN ARROWWOOD
<i>Viburnum edule</i>	SQUASHBERRY
<i>Viola primulifolia</i>	PRIMROSE VIOLET
<i>Zigadenus elegans</i> ssp. <i>glaucus</i>	WHITE CAMAS

(d) The following are **rare** native plants that have from 20 to 35 extant sites or 3,000 to 5,000 individuals statewide.

Species	Common Name
<i>Agalinis fasciculata</i>	FASCICLED GERARDIA
<i>Bidens bidentoides</i>	ESTUARY BEGGAR-TICKS
<i>Carex lupuliformis</i>	FALSE HOP SEDGE
<i>Chamaecyparis thyoides</i>	ATLANTIC WHITE CEDAR
<i>Coreopsis rosea</i>	ROSE COREOPSIS
<i>Cyperus schweinitzii</i>	SCHWEINITZ'S FLATSEDGE
<i>Drosera filiformis</i>	DEWTHREAD
<i>Empetrum nigrum</i> ssp. <i>hermaphroditicum</i>	BLACK CROWBERRY
<i>Fuirena pumila</i>	DWARF UMBRELLA-SEDEGE
<i>Isoetes lacustris</i>	LARGE-SPORED QUILLWORT
<i>Lechea racemulosa</i>	ILLINOIS PINWEED
<i>Lespedeza angustifolia</i>	BUSH CLOVER
<i>Lespedeza repens</i>	TRAILING LESPEDEZA
<i>Lespedeza violacea</i>	VIOLET LESPEDEZA
<i>Limosella australis</i>	MUDWORT
<i>Linum striatum</i>	STIFF YELLOW FLAX
<i>Lobelia nuttallii</i>	NUTTALL'S LOBELIA
<i>Mimulus alatus</i>	WINGED MONKEYFLOWER
<i>Minuartia caroliniana</i>	PINE-BARREN SANDWORT
<i>Pinus banksiana</i>	JACK PINE
<i>Polemonium vanbruntiae</i>	JACOB'S-LADDER



Protected Native Plants

<i>Polygonum glaucum</i>	SEABEACH KNOTWEED
<i>Polygonum tenue</i>	SLENDER KNOTWEED
<i>Rhynchospora scirpoides</i>	LONG-BEAKED BALD-RUSH
<i>Scheuchzeria palustris</i>	POD GRASS
<i>Trollius laxus</i> ssp. <i>laxus</i>	SPREADING GLOBEFLOWER
<i>Vaccinium uliginosum</i>	BOG BILBERRY

(e) The following are **exploitably vulnerable** native plants likely to become threatened in the near future throughout all or a significant portion of their ranges within the state if causal factors continue unchecked.

Species	Common Name
<i>Actaea pachypoda</i>	WHITE BANEBERRY
<i>Actaea spicata</i> ssp. <i>rubra</i>	RED BANEBERRY
<i>Arisaema dracontium</i>	GREEN DRAGON
<i>Asclepias tuberosa</i>	BUTTERFLY-WEED
<i>Campanula rotundifolia</i>	HAREBELL
<i>Celastrus scandens</i>	AMERICAN BITTERSWEET
<i>Chelone glabra</i>	TURTLE-HEADS
<i>Chimaphila maculata</i>	SPOTTED WINTERGREEN
<i>Chimaphila umbellata</i>	PIPSISSEWA
<i>Clintonia umbellulata</i>	SPECKLED WOODLILY
<i>Conopholis americana</i>	SQUAWROOT
<i>Cornus florida</i>	FLOWERING DOGWOOD
<i>Drosera intermedia</i>	SUNDEW
<i>Drosera rotundifolia</i>	SUNDEW
<i>Epigaea repens</i>	TRAILING ARBUTUS
<i>Euonymus obovata</i>	RUNNING STRAWBERRY-BUSH
<i>Gentiana andrewsii</i>	CLOSED GENTIAN
<i>Gentiana clausa</i>	BLIND GENTIAN
<i>Gentiana linearis</i>	CLOSED GENTIAN
<i>Gentianella quinquefolia</i>	STIFF GENTIAN
<i>Gentianopsis crinita</i>	FRINGED GENTIAN
<i>Ilex glabra</i>	GALLBERRY
<i>Ilex laevigata</i>	SMOOTH WINTERBERRY
<i>Ilex montana</i>	MOUNTAIN WINTERBERRY
<i>Ilex opaca</i>	AMERICAN HOLLY
<i>Ilex verticillata</i>	BLACK ALDER
<i>Juglans cinerea</i>	BUTTERNUT
<i>Kalmia angustifolia</i>	SHEEP LAUREL
<i>Kalmia latifolia</i>	MOUNTAIN LAUREL
<i>Kalmia polifolia</i>	BOG LAUREL
<i>Lilium canadense</i>	CANADA LILY
<i>Lilium philadelphicum</i>	WOODLILY
<i>Lilium superbum</i>	TURK'S-CAP LILY
<i>Limonium carolinianum</i>	SEA LAVENDER
<i>Lobelia cardinalis</i>	CARDINAL-FLOWER



Protected Native Plants

<i>Lobelia dortmanna</i>	WATER LOBELIA
<i>Lobelia siphilitica</i>	GREAT LOBELIA
<i>Mertensia virginica</i>	VIRGINIA BLUEBELLS
<i>Monarda didyma</i>	BEE-BALM
<i>Myrica pensylvanica</i>	BAYBERRY
<i>Opuntia humifusa</i>	EASTERN PRICKLY PEAR
<i>Panax quinquefolius</i>	GINSENG
<i>Parnassia glauca</i>	GRASS-OF-PARNASSUS
<i>Rhododendron arborescens</i>	SMOOTH AZALEA
<i>Rhododendron maximum</i>	GREAT LAUREL
<i>Rhododendron periclymenoides</i>	PINKSTER
<i>Rhododendron prinophyllum</i>	EARLY AZALEA
<i>Rhododendron viscosum</i>	SWAMP AZALEA
<i>Sanguinaria canadensis</i>	BLOODROOT
<i>Sarracenia purpurea</i>	PITCHER-PLANT
<i>Silene caroliniana</i>	WILD PINK
<i>Trillium cernuum</i>	NODDING TRILLIUM
<i>Trillium erectum</i>	PURPLE TRILLIUM
<i>Trillium grandiflorum</i>	WHITE TRILLIUM
<i>Trillium undulatum</i>	PAINTED TRILLIUM
<i>Viola pedata</i>	BIRD'S-FOOT VIOLET

All native clubmosses, including:

<i>Huperzia lucidula</i>	SHINING FIRMOSS
<i>Lycopodiella alopecuroides</i>	FOXTAIL CLUBMOSS
<i>Lycopodiella appressa</i>	SWAMP CLUBMOSS
<i>Lycopodiella inundata</i>	NORTHERN BOG CLUBMOSS
<i>Lycopodium annotinum</i>	BRISTLY CLUBMOSS
<i>Lycopodium clavatum</i>	RUNNING CEDAR
<i>Lycopodium dendroideum</i>	NORTHERN TREE CLUBMOSS
<i>Lycopodium digitatum</i>	RUNNING-PINE
<i>Lycopodium obscurum</i>	GROUND PINE
<i>Lycopodium tristachyum</i>	GROUND CEDAR

All native ferns, (except Bracken, *Pteridium aquilinum*, Hay-scented, *Dennstaedtia punctilobula*, and Sensitive fern, *Onoclea sensibilis*), including:

<i>Adiantum pedatum</i>	MAIDENHAIR FERN
<i>Asplenium platyneuron</i>	EBONY SPLEENWORT
<i>Asplenium rhizophyllum</i>	WALKING FERN
<i>Asplenium ruta-muraria</i>	WALL-RUE SPLEENWORT
<i>Asplenium trichomanes</i>	MAIDENHAIR SPLEENWORT
<i>Athyrium filix-femina</i>	LADY FERN
<i>Azolla caroliniana</i>	MOSQUITO-FERN
<i>Botrychium dissectum</i>	CUT-LEAF GRAPE FERN
<i>Botrychium lanceolatum</i>	LANCE-LEAF GRAPE FERN



Protected Native Plants

<i>Botrychium matricariifolium</i>	MATRICARY GRAPE FERN
<i>Botrychium multifidum</i>	LEATHERY GRAPE FERN
<i>Botrychium simplex</i>	LEAST MOONWORT
<i>Botrychium virginianum</i>	RATTLESNAKE FERN
<i>Cryptogramma stelleri</i>	SLENDER CLIFF BRAKE
<i>Cystopteris bulbifera</i>	BULBLET FERN
<i>Cystopteris fragilis</i>	COMMON FRAGILE FERN
<i>Cystopteris tenuis</i>	FRAGILE FERN
<i>Deparia acrostichoides</i>	SILVERY SPLEENWORT
<i>Diplazium pycnocarpon</i>	GLADE FERN
<i>Dryopteris campyloptera</i>	MOUNTAIN WOOD FERN
<i>Dryopteris carthusiana</i>	SPINULOSE WOOD FERN
<i>Dryopteris clintoniana</i>	CLINTON'S SHIELD FERN
<i>Dryopteris cristata</i>	CRESTED WOOD FERN
<i>Dryopteris goldiana</i>	GIANT WOOD FERN
<i>Dryopteris intermedia</i>	COMMON WOOD FERN
<i>Dryopteris marginalis</i>	MARGINAL WOOD FERN
<i>Gymnocarpium dryopteris</i>	OAK FERN
<i>Matteuccia struthiopteris</i>	OSTRICH FERN
<i>Ophioglossum pusillum</i>	ADDER'S-TONGUE
<i>Osmunda cinnamomea</i>	CINNAMON FERN
<i>Osmunda claytoniana</i>	INTERRUPTED FERN
<i>Osmunda regalis</i>	ROYAL FERN
<i>Pellaea atropurpurea</i>	PURPLE CLIFF BRAKE
<i>Phegopteris connectilis</i>	NORTHERN BEECH FERN
<i>Phegopteris hexagonoptera</i>	BROAD BEECH FERN
<i>Polypodium virginianum</i>	ROCK POLYPODY
<i>Polystichum acrostichoides</i>	CHRISTMAS FERN
<i>Polystichum braunii</i>	BRAUN'S HOLLY FERN
<i>Salvinia minima</i>	WATER-FERN
<i>Thelypteris noveboracensis</i>	NEW YORK FERN
<i>Thelypteris palustris</i>	MARSH FERN
<i>Thelypteris simulata</i>	MASSACHUSETTS FERN
<i>Woodsia ilvensis</i>	RUSTY WOODSIA
<i>Woodsia obtusa</i>	BLUNT-LOBED WOODSIA
<i>Woodwardia areolata</i>	NETTED CHAIN FERN
<i>Woodwardia virginica</i>	VIRGINIA CHAIN FERN

All native orchids, including:

<i>Calopogon tuberosus</i>	GRASS PINK
<i>Coeloglossum viride</i>	LONG-BRACTED ORCHID
<i>Corallorhiza maculata</i>	SPOTTED CORALROOT
<i>Corallorhiza odoratorhiza</i>	AUTUMN CORALROOT
<i>Cypripedium acaule</i>	PINK LADYSLIPPER
<i>Cypripedium parviflorum</i> var. <i>makasin</i>	SMALL YELLOW LADYSLIPPER
<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	YELLOW LADYSLIPPER



Protected Native Plants

<i>Cypripedium reginae</i>	SHOWY LADYSLIPPER
<i>Galearis spectabilis</i>	SHOWY ORCHIS
<i>Goodyera pubescens</i>	DOWNY RATTLESNAKE-PLANTAIN
<i>Goodyera repens</i>	DWARF RATTLESNAKE-PLANTAIN
<i>Goodyera tessellata</i>	RATTLESNAKE-PLANTAIN
<i>Isotria verticillata</i>	LARGE WHORLED POGONIA
<i>Liparis loeselii</i>	BOG TWAYBLADE
<i>Listera cordata</i>	HEARTLEAF TWAYBLADE
<i>Malaxis monophyllos</i>	WHITE ADDER'S-MOUTH
<i>Malaxis unifolia</i>	GREEN ADDER'S-MOUTH
<i>Platanthera aquilonis</i>	NORTHERN GREEN ORCHID
<i>Platanthera blephariglottis</i>	WHITE FRINGED ORCHID
<i>Platanthera clavellata</i>	GREEN WOODLAND ORCHID
<i>Platanthera dilatata</i>	BOG-CANDLE
<i>Platanthera flava</i>	TUBERCLED ORCHID
<i>Platanthera grandiflora</i>	LARGE PURPLE FRINGED ORCHID
<i>Platanthera huronensis</i>	TALL NORTHERN GREEN ORCHID
<i>Platanthera lacera</i>	RAGGED FRINGED ORCHID
<i>Platanthera obtusata</i>	BLUNT-LEAVED ORCHID
<i>Platanthera orbiculata</i>	LARGE ROUND-LEAVED ORCHID
<i>Platanthera psycodes</i>	SMALL PURPLE FRINGED ORCHID
<i>Pogonia ophioglossoides</i>	ROSE POGONIA
<i>Spiranthes casei</i>	LADY'S-TRESSES
<i>Spiranthes cernua</i>	NODDING LADY'S-TRESSES
<i>Spiranthes lacera</i>	SLENDER LADY'S-TRESSES
<i>Spiranthes lucida</i>	WIDE-LEAVED LADY'S-TRESSES
<i>Spiranthes ochroleuca</i>	CREAMY LADY'S-TRESSES
<i>Spiranthes romanzoffiana</i>	HOODED LADY'S-TRESSES
<i>Spiranthes tuberosa</i>	LITTLE LADY'S-TRESSES

(f) It is a violation for any person, anywhere in the state, to pick, pluck, sever, remove, damage by the application of herbicides or defoliants, or carry away, without the consent of the owner, any protected plant. Each protected plant so picked, plucked, severed, removed, damaged or carried away shall constitute a separate violation.



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Acalypha virginica</i>												
Vegetative												
Flowering												
Fruiting									■	■		
<i>Aconitum noveboracense</i>												
Vegetative												
Flowering							■	■				
Fruiting									■	■		
<i>Adoxa moschatellina</i>												
Vegetative												
Flowering				■	■	■	■					
Fruiting					■	■	■					
<i>Agalinis acuta</i>												
Vegetative												
Flowering								■	■			
Fruiting									■	■		
<i>Agalinis fasciculata</i>												
Vegetative												
Flowering								■	■			
Fruiting									■	■		
<i>Agalinis maritima var. maritima</i>												
Vegetative			■	■	■	■	■	■	■	■	■	■
Flowering								■	■			
Fruiting									■	■		
<i>Agalinis paupercula var. borealis</i>												
Vegetative												
Flowering								■	■			
Fruiting									■	■		
<i>Agastache nepetoides</i>												
Vegetative							■	■	■	■		
Flowering							■	■	■	■	■	■
Fruiting	■	■	■	■	■	■						
<i>Ageratina aromatica var. aromatica</i>												
Vegetative												
Flowering								■	■			
Fruiting									■	■		
<i>Agrimonia parviflora</i>												
Vegetative					■	■	■	■	■	■		
Flowering								■	■	■		
Fruiting								■	■	■		
<i>Agrimonia rostellata</i>												
Vegetative						■	■	■	■	■		
Flowering						■	■	■	■	■		
Fruiting							■	■	■	■		
<i>Agrostis mertensii</i>												
Vegetative												
Flowering							■	■				
Fruiting								■	■			
<i>Aletris farinosa</i>												
Vegetative			■	■	■	■	■	■	■	■	■	■
Flowering						■	■	■	■	■		
Fruiting								■	■	■		



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Alisma gramineum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Allium cernuum var. cernuum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Allium tricoccum var. burdickii</i>												
Vegetative												
Flowering												
Fruiting												
<i>Amaranthus pumilus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Amelanchier nantucketensis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Amerorchis rotundifolia</i>												
Vegetative												
Flowering												
Fruiting												
<i>Amianthium muscaetoxicum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Ammophila breviligulata ssp. champlainensis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Amphicarpum purshii</i>												
Vegetative												
Flowering												
Fruiting												
<i>Anemone multifida var. hudsoniana</i>												
Vegetative												
Flowering												
Fruiting												
<i>Angelica lucida</i>												
Vegetative												
Flowering												
Fruiting												
<i>Anthoxanthum monticola ssp. monticola</i>												
Vegetative												
Flowering												
Fruiting												
<i>Aplectrum hyemale</i>												
Vegetative												
Flowering												
Fruiting												
<i>Arethusa bulbosa</i>												
Vegetative												
Flowering												
Fruiting												



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Argentina egedii ssp. groenlandica</i>												
Vegetative												
Flowering							■	■	■			
Fruiting								■	■	■		
<i>Aristolochia serpentaria</i>												
Vegetative						■	■	■	■	■	■	
Flowering						■	■	■	■	■		
Fruiting						■	■	■	■	■	■	
<i>Arnica lanceolata ssp. lanceolata</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting								■	■	■		
<i>Arnoglossum atriplicifolium</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting									■	■	■	
<i>Asclepias purpurascens</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting								■	■	■	■	
<i>Asclepias rubra</i>												
Vegetative				■	■	■	■	■	■	■	■	■
Flowering							■	■	■	■		
Fruiting								■	■	■	■	
<i>Asclepias variegata</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting							■	■	■	■	■	
<i>Asclepias viridiflora</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting								■	■	■	■	
<i>Asimina triloba</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting								■	■	■	■	
<i>Asplenium bradleyi</i>												
Vegetative												
Flowering												
Fruiting												
<i>Asplenium montanum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Asplenium scolopendrium var. americanum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Asplenium trichomanes-ramosum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Astragalus neglectus</i>												
Vegetative												
Flowering							■	■	■			
Fruiting								■	■	■		



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Atriplex dioica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Atriplex glabriuscula</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Bartonia paniculata ssp. paniculata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Berula erecta</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Betula glandulosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Betula minor</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Betula nigra</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Betula pumila</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Bidens beckii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Bidens bidentoides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Bidens hyperborea var. hyperborea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Bidens laevis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Blephilia ciliata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Boechera grahamii</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Boechera missouriensis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Boechera shortii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Boechera stricta</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Bolboschoenus maritimus ssp. paludosus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Bolboschoenus novae-angliae</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Botrychium campestre</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Botrychium lunaria</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Botrychium minganense</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Botrychium oneidense</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Botrychium rugulosum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Bouteloua curtipendula var. curtipendula</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Bromus nottowayanus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Buchnera americana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Calamagrostis perplexa</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Calamagrostis pickeringii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Calamagrostis porteri ssp. porteri</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Calamagrostis stricta ssp. inexpansa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Calamagrostis stricta ssp. stricta</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Calamintha arkansana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Callitriche hermaphroditica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Callitriche terrestris</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Calypso bulbosa var. americana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Campanulastrum americanum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Cardamine douglassii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Cardamine longii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Cardamine rotundifolia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex abscondita</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex aggregata</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Carex albicans</i> var. <i>emmonsii</i>	Vegetative											
	Flowering											
	Fruiting						■	■				
<i>Carex amphibola</i>	Vegetative											
	Flowering											
	Fruiting						■	■				
<i>Carex arcta</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■		
<i>Carex atherodes</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■		
<i>Carex atratiformis</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■		
<i>Carex backii</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■			
<i>Carex barrattii</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■			
<i>Carex bicknellii</i>	Vegetative											
	Flowering											
	Fruiting							■	■			
<i>Carex bullata</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■		
<i>Carex bushii</i>	Vegetative											
	Flowering											
	Fruiting						■	■				
<i>Carex buxbaumii</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■			
<i>Carex capillaris</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■			
<i>Carex careyana</i>	Vegetative											
	Flowering											
	Fruiting						■					
<i>Carex caroliniana</i>	Vegetative											
	Flowering											
	Fruiting						■	■				



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Carex chordorrhiza</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex collinsii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex conjuncta</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex crawei</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex cryptolepis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex cumulata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex davisii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex debilis</i> var. <i>debilis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex decomposita</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex emoryi</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex formosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex frankii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex garberi</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex glaucoidea</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Carex gynocrates</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex haydenii</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex hormathodes</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex houghtoniana</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex jamesii</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex livida</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex lupuliformis</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex meadii</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex merritt-feraldii</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex mesochorea</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex mitchelliana</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex molesta</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex muehlenbergii var. enervis</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Carex nigra</i>	Vegetative												
	Flowering												
	Fruiting												



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Carex nigromarginata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex oligosperma</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex polymorpha</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex retroflexa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex reznicekii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex richardsonii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex sartwellii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex schweinitzii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex scirpoidea</i> ssp. <i>scirpoidea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex seorsa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex shortiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex straminea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex striata</i> var. <i>brevis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex striatula</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Carex styloflexa</i>	Vegetative											
	Flowering											
	Fruiting						■	■				
<i>Carex sychnocephala</i>	Vegetative											
	Flowering											
	Fruiting							■	■			
<i>Carex tenuiflora</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■			
<i>Carex tincta</i>	Vegetative											
	Flowering											
	Fruiting							■	■			
<i>Carex typhina</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■		
<i>Carex vaginata</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■			
<i>Carex venusta</i>	Vegetative											
	Flowering											
	Fruiting						■	■				
<i>Carex wiegandii</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■			
<i>Carex willdenowii</i>	Vegetative											
	Flowering											
	Fruiting							■	■	■		
<i>Carya laciniosa</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■	■	■
<i>Castilleja coccinea</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■			
<i>Ceanothus herbaceus</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■		
<i>Celastrus scandens</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■		
<i>Cenchrus tribuloides</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■		



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Ceratophyllum echinatum</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting							■	■	■	■		
<i>Chaerophyllum procumbens</i>												
Vegetative												
Flowering					■	■						
Fruiting						■						
<i>Chamaecyparis thyoides</i>												
Vegetative	■	■	■	■	■	■	■	■	■	■	■	■
Flowering												
Fruiting	■	■	■	■	■	■	■	■	■	■	■	■
<i>Chamaelirium luteum</i>												
Vegetative				■	■	■	■	■	■	■	■	■
Flowering					■	■	■	■	■	■		
Fruiting						■	■	■	■	■		
<i>Chasmanthium laxum</i>												
Vegetative												
Flowering								■	■	■		
Fruiting									■	■		
<i>Cheilanthes lanosa</i>												
Vegetative					■	■	■	■	■	■		
Flowering												
Fruiting							■	■	■	■		
<i>Chenopodium berlandieri</i> var. <i>macrocalycium</i>												
Vegetative												
Flowering							■	■	■			
Fruiting									■	■		
<i>Chenopodium rubrum</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting									■	■		
<i>Cirsium altissimum</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting									■	■		
<i>Clematis ochroleuca</i>												
Vegetative												
Flowering					■	■	■	■	■			
Fruiting							■	■	■			
<i>Clintonia umbellulata</i>												
Vegetative												
Flowering					■	■	■	■	■			
Fruiting							■	■	■			
<i>Collinsia verna</i>												
Vegetative												
Flowering				■	■	■						
Fruiting												
<i>Commelina erecta</i> var. <i>erecta</i>												
Vegetative												
Flowering							■	■				
Fruiting								■	■			
<i>Corallorhiza striata</i> var. <i>striata</i>												
Vegetative					■	■	■	■	■			
Flowering					■	■	■	■	■			
Fruiting						■	■	■	■			



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Corema conradii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Coreopsis rosea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Cornus drummondii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Corydalis aurea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Corydalis flavula</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Crassula aquatica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Crataegus berberifolia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Crataegus mollis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Crataegus uniflora</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Crotalaria sagittalis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Cuscuta campestris</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Cuscuta cephalanthi</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Cuscuta pentagona</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Cuscuta polygonorum</i>	Vegetative											
	Flowering							■	■			
	Fruiting								■	■	■	
<i>Cynoglossum virginianum var. boreale</i>	Vegetative					■	■	■	■	■		
	Flowering					■	■					
	Fruiting						■	■	■	■		
<i>Cynoglossum virginianum var. virginianum</i>	Vegetative					■	■	■	■	■		
	Flowering					■	■					
	Fruiting						■	■	■	■		
<i>Cyperus echinatus</i>	Vegetative											
	Flowering											
	Fruiting							■	■	■		
<i>Cyperus erythrorhizos</i>	Vegetative											
	Flowering											
	Fruiting								■	■		
<i>Cyperus flavescens</i>	Vegetative											
	Flowering											
	Fruiting								■	■		
<i>Cyperus houghtonii</i>	Vegetative											
	Flowering											
	Fruiting							■	■	■		
<i>Cyperus lupulinus ssp. lupulinus</i>	Vegetative											
	Flowering											
	Fruiting							■	■	■		
<i>Cyperus odoratus</i>	Vegetative											
	Flowering											
	Fruiting							■	■	■		
<i>Cyperus plukenetii</i>	Vegetative											
	Flowering											
	Fruiting							■	■	■		
<i>Cyperus polystachyos var. texensis</i>	Vegetative											
	Flowering											
	Fruiting							■	■	■		
<i>Cyperus retrorsus var. retrorsus</i>	Vegetative											
	Flowering											
	Fruiting							■	■	■	■	
<i>Cyperus schweinitzii</i>	Vegetative											
	Flowering											
	Fruiting							■	■	■		
<i>Cypripedium arietinum</i>	Vegetative					■	■					
	Flowering					■	■					
	Fruiting						■	■				



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Cypripedium candidum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Cypripedium parviflorum var. parviflorum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Cystopteris protrusa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Descurainia pinnata ssp. brachycarpa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Desmodium ciliare</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Desmodium humifusum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Desmodium laevigatum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Desmodium nuttallii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Desmodium obtusum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Desmodium pauciflorum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Diapensia lapponica var. lapponica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Diarrhena obovata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Dichantherium leibergii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Dichantherium oligosanthes var. oligosanthes</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Dichanthelium scabriusculum</i>	Vegetative											
	Flowering											
							■					
<i>Dichanthelium scoparium</i>	Vegetative											
	Flowering											
							■					
<i>Dichanthelium wrightianum</i>	Vegetative											
	Flowering											
							■					
<i>Digitaria filiformis</i>	Vegetative											
	Flowering											
									■			
<i>Diospyros virginiana</i>	Vegetative											
	Flowering											
						■	■					
<i>Diphasiastrum complanatum</i>	Vegetative											
	Flowering											
					■							
<i>Diphasiastrum sitchense</i>	Vegetative											
	Flowering											
					■							
<i>Dodecatheon meadia ssp. meadia</i>	Vegetative											
	Flowering											
						■	■					
<i>Draba arabisans</i>	Vegetative											
	Flowering											
						■	■					
<i>Draba glabella</i>	Vegetative											
	Flowering											
						■	■					
<i>Draba reptans</i>	Vegetative											
	Flowering											
				■		■						
<i>Dracocephalum parviflorum</i>	Vegetative											
	Flowering											
							■		■			
<i>Drosera filiformis</i>	Vegetative											
	Flowering											
							■		■			
<i>Dryopteris celsa</i>	Vegetative											
	Flowering											
							■					



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Dryopteris fragrans</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Echinodorus tenellus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eclipta prostrata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Elatine americana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis aestuum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis diandra</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis engelmannii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis equisetoides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis fallax</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis melanocarpa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis ovata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis quadrangulata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis robbinsii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis tenuis</i> var. <i>pseudoptera</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Eleocharis tortilis</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Eleocharis tricostata</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Eleocharis tuberculosa</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Eleocharis uniglumis var. halophila</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Ellisia nyctelea</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Elymus glaucus ssp. glaucus</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Empetrum eamesii ssp. atropurpureum</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Empetrum nigrum ssp. hermaphroditum</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Enemion biternatum</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Epilobium hornemannii ssp. hornemannii</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Equisetum laevigatum</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Equisetum palustre</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Equisetum pratense</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Erechites hieraciifolia var. megalocarpa</i>	Vegetative												
	Flowering												
	Fruiting												



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Erigenia bulbosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Erigeron hyssopifolius</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Erigeron philadelphicus</i> var. <i>provancheri</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eriocaulon parkeri</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eriophorum angustifolium</i> ssp. <i>scabriusculum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eryngium aquaticum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Euonymus americanus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium album</i> var. <i>subvenosum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium hyssopifolium</i> var. <i>laciniatum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium leucolepis</i> var. <i>leucolepis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium resinosum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium rotundifolium</i> var. <i>ovatum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium rotundifolium</i> var. <i>rotundifolium</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium serotinum</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Euphorbia ipecacuanhae</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eurybia radula</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eurybia spectabilis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Euthamia gymnospermoides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Festuca saximontana var. saximontana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Fimbristylis caroliniana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Fimbristylis castanea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Fimbristylis puberula var. puberula</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Frasera caroliniensis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Fuirena pumila</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Galactia volubilis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Galium concinnum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Galium kamtschaticum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Gamochaeta purpurea</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Gaylussacia bigeloviana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Gentiana puberulenta</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Gentiana saponaria</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Gentianopsis virgata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Geocaulon lividum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Geum macrophyllum var. macrophyllum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Geum triflorum var. triflorum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Geum vernum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Geum virginianum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Glycyrrhiza lepidota</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Gymnocladus dioicus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hackelia deflexa var. americana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Halenia deflexa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Harrimanella hypnoides</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Hasteola suaveolens</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hedeoma hispida</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Helianthemum dumosum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Helianthemum propinquum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Helianthus angustifolius</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Helonias bullata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Heteranthera reniformis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hippuris vulgaris</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hottonia inflata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Houstonia purpurea var. calycosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Houstonia purpurea var. purpurea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Huperzia appressa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Huperzia selago</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hydrangea arborescens</i>	Vegetative											
	Flowering											
	Fruiting											



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
<i>Hydrastis canadensis</i>	Vegetative				█									
	Flowering				█	█	█	█	█	█				
	Fruiting					█	█	█	█	█				
<i>Hydrocotyle ranunculoides</i>	Vegetative													
	Flowering						█	█	█					
	Fruiting							█	█	█	█			
<i>Hydrocotyle umbellata</i>	Vegetative													
	Flowering						█	█	█					
	Fruiting							█	█	█	█			
<i>Hydrocotyle verticillata</i>	Vegetative													
	Flowering						█	█	█					
	Fruiting							█	█	█	█			
<i>Hylolephium telephioides</i>	Vegetative					█	█	█	█	█	█	█		
	Flowering								█	█				
	Fruiting									█	█	█		
<i>Hypericum adpressum</i>	Vegetative													
	Flowering						█	█	█					
	Fruiting							█	█	█	█			
<i>Hypericum ascyron</i>	Vegetative													
	Flowering						█	█						
	Fruiting							█	█	█	█	█		
<i>Hypericum densiflorum</i>	Vegetative					█	█	█	█	█	█	█		
	Flowering						█	█	█					
	Fruiting								█	█	█			
<i>Hypericum denticulatum</i>	Vegetative													
	Flowering						█	█						
	Fruiting							█	█	█	█			
<i>Hypericum gymnanthum</i>	Vegetative													
	Flowering						█	█						
	Fruiting							█	█	█	█			
<i>Hypericum hypericoides ssp. multicaule</i>	Vegetative					█	█	█	█	█	█	█		
	Flowering						█	█	█	█	█			
	Fruiting							█	█	█	█	█		
<i>Hypericum kalmianum</i>	Vegetative													
	Flowering						█	█						
	Fruiting							█	█	█	█			
<i>Hypericum prolificum</i>	Vegetative					█	█	█	█	█	█	█		
	Flowering						█	█	█	█				
	Fruiting							█	█	█	█			
<i>Ipomoea pandurata</i>	Vegetative													
	Flowering						█	█	█					
	Fruiting													



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Iris prismatica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Iris virginica var. shrevei</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Isoetes lacustris</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Isoetes riparia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Isotria medeoloides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Jeffersonia diphylla</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juglans cinerea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juncus ambiguus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juncus biflorus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juncus brachycarpus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juncus debilis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juncus diffusissimus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juncus ensifolius</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juncus scirpoides</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Juncus stygius ssp. americanus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juncus subcaudatus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juncus trifidus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Juniperus horizontalis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Kosteletzkya virginica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lachnanthes caroliniana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lactuca floridana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lactuca hirsuta</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lathyrus ochroleucus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lathyrus venosus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lechea pulchella var. moniliformis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lechea racemulosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lechea tenuifolia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lemna perpusilla</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Lemna valdiviana</i>												
Vegetative												
Flowering												
Fruiting												
<i>Leptochloa fusca ssp. fascicularis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lespedeza angustifolia</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lespedeza repens</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lespedeza stuevei</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lespedeza violacea</i>												
Vegetative												
Flowering												
Fruiting												
<i>Liatis cylindracea</i>												
Vegetative												
Flowering												
Fruiting												
<i>Liatis scariosa var. nieuwlandii</i>												
Vegetative												
Flowering												
Fruiting												
<i>Liatis scariosa var. novae-angliae</i>												
Vegetative												
Flowering												
Fruiting												
<i>Ligusticum scoticum ssp. scoticum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lilaeopsis chinensis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lilium michiganense</i>												
Vegetative												
Flowering												
Fruiting												
<i>Limosella australis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Linum intercursum</i>												
Vegetative												
Flowering												
Fruiting												



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Linum medium var. texanum</i>	Vegetative											
	Flowering						■	■				
	Fruiting							■	■	■	■	■
<i>Linum striatum</i>	Vegetative											
	Flowering						■	■				
	Fruiting							■	■	■	■	■
<i>Linum sulcatum</i>	Vegetative											
	Flowering						■	■				
	Fruiting							■	■	■	■	■
<i>Liparis liliifolia</i>	Vegetative											
	Flowering						■	■				
	Fruiting						■	■	■	■		
<i>Lipocarpa micrantha</i>	Vegetative											
	Flowering											
	Fruiting							■	■			
<i>Listera auriculata</i>	Vegetative											
	Flowering						■	■				
	Fruiting						■	■	■			
<i>Listera australis</i>	Vegetative											
	Flowering					■	■					
	Fruiting					■	■	■	■			
<i>Listera convallarioides</i>	Vegetative											
	Flowering						■	■				
	Fruiting						■	■	■	■		
<i>Lithospermum canescens</i>	Vegetative											
	Flowering					■	■					
	Fruiting					■	■	■	■			
<i>Lithospermum caroliniense var. croceum</i>	Vegetative											
	Flowering					■	■					
	Fruiting					■	■	■	■			
<i>Littorella uniflora</i>	Vegetative											
	Flowering						■	■	■			
	Fruiting							■	■	■		
<i>Lobelia nuttallii</i>	Vegetative											
	Flowering						■	■				
	Fruiting							■	■	■	■	
<i>Loiseleuria procumbens</i>	Vegetative											
	Flowering					■	■	■	■			
	Fruiting					■	■	■	■			
<i>Ludwigia sphaerocarpa</i>	Vegetative											
	Flowering						■	■				
	Fruiting							■	■	■	■	



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
<i>Lupinus perennis</i>	Vegetative					█							
	Flowering					█	█	█	█	█			
	Fruiting						█						
<i>Luzula bulbosa</i>	Vegetative												
	Flowering												
	Fruiting					█	█						
<i>Luzula echinata</i>	Vegetative												
	Flowering												
	Fruiting					█	█						
<i>Luzula spicata</i>	Vegetative												
	Flowering												
	Fruiting						█						
<i>Lycopus rubellus</i>	Vegetative												
	Flowering						█	█					
	Fruiting								█				
<i>Lygodium palmatum</i>	Vegetative	█											
	Flowering												
	Fruiting						█						
<i>Lysimachia hybrida</i>	Vegetative						█						
	Flowering						█	█	█	█			
	Fruiting							█					
<i>Lysimachia quadriflora</i>	Vegetative						█						
	Flowering						█	█	█	█			
	Fruiting							█					
<i>Lythrum lineare</i>	Vegetative					█							
	Flowering							█	█				
	Fruiting								█				
<i>Magnolia virginiana</i>	Vegetative	█											
	Flowering												
	Fruiting						█						
<i>Malaxis bayardii</i>	Vegetative												
	Flowering							█	█				
	Fruiting								█				
<i>Melanthium latifolium</i>	Vegetative												
	Flowering						█	█	█				
	Fruiting							█					
<i>Melanthium virginicum</i>	Vegetative												
	Flowering						█	█	█				
	Fruiting							█					
<i>Micranthemum micranthemoides</i>	Vegetative												
	Flowering								█	█			
	Fruiting									█			



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Mimulus alatus</i>	Vegetative											
	Flowering						■	■	■			
	Fruiting							■	■	■		
<i>Minuartia caroliniana</i>	Vegetative	■	■	■	■	■	■	■	■	■	■	■
	Flowering					■	■	■	■	■		
	Fruiting					■	■	■	■	■		
<i>Minuartia glabra</i>	Vegetative				■	■	■	■	■	■	■	■
	Flowering					■	■	■	■	■		
	Fruiting						■	■	■	■	■	
<i>Minuartia groenlandica</i>	Vegetative				■	■	■	■	■	■		
	Flowering					■	■	■	■	■		
	Fruiting						■	■	■	■		
<i>Monarda clinopodia</i>	Vegetative											
	Flowering						■	■	■			
	Fruiting							■	■	■		
<i>Muhlenbergia capillaris</i>	Vegetative											
	Flowering											
	Fruiting								■	■		
<i>Myriophyllum alterniflorum</i>	Vegetative											
	Flowering						■	■	■	■		
	Fruiting							■	■	■	■	
<i>Myriophyllum farwellii</i>	Vegetative											
	Flowering						■	■	■	■		
	Fruiting							■	■	■	■	
<i>Myriophyllum pinnatum</i>	Vegetative											
	Flowering						■	■	■	■		
	Fruiting							■	■	■	■	
<i>Najas guadalupensis ssp. muenschleri</i>	Vegetative											
	Flowering											
	Fruiting								■	■		
<i>Najas guadalupensis ssp. olivacea</i>	Vegetative											
	Flowering											
	Fruiting								■	■		
<i>Najas marina</i>	Vegetative											
	Flowering											
	Fruiting								■	■		
<i>Neobeckia aquatica</i>	Vegetative											
	Flowering						■	■	■	■		
	Fruiting								■	■		
<i>Oclemena nemoralis</i>	Vegetative											
	Flowering							■	■	■		
	Fruiting								■	■	■	



2008 Rare Plant Status List - Phenology

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Oenothera laciniata</i>	Vegetative												
	Flowering						■	■	■	■			
	Fruiting						■	■	■	■	■		
<i>Oenothera oakesiana</i>	Vegetative												
	Flowering								■	■			
	Fruiting									■	■	■	
<i>Oldenlandia uniflora</i>	Vegetative												
	Flowering								■	■	■		
	Fruiting									■	■	■	
<i>Oligoneuron album</i>	Vegetative												
	Flowering							■	■	■			
	Fruiting									■	■	■	
<i>Oligoneuron houghtonii</i>	Vegetative						■	■	■	■	■		
	Flowering							■	■	■			
	Fruiting									■	■	■	
<i>Oligoneuron ohioense</i>	Vegetative						■	■	■	■	■		
	Flowering								■	■	■		
	Fruiting									■	■	■	
<i>Oligoneuron rigidum var. rigidum</i>	Vegetative						■	■	■	■	■	■	
	Flowering								■	■	■		
	Fruiting									■	■	■	
<i>Omalotheca sylvatica</i>	Vegetative						■	■	■	■	■		
	Flowering							■	■	■			
	Fruiting									■	■	■	
<i>Onosmodium virginianum</i>	Vegetative												
	Flowering						■	■					
	Fruiting								■	■	■	■	
<i>Orontium aquaticum</i>	Vegetative						■	■	■	■	■		
	Flowering				■	■	■	■	■				
	Fruiting						■	■	■	■	■		
<i>Oxalis violacea</i>	Vegetative						■	■	■				
	Flowering					■	■	■					
	Fruiting							■					
<i>Oxypolis rigidior</i>	Vegetative												
	Flowering								■	■			
	Fruiting									■	■	■	
<i>Panicum amarum</i>	Vegetative	■	■	■	■	■	■	■	■	■	■	■	■
	Flowering								■	■			
	Fruiting									■	■	■	
<i>Panicum anceps</i>	Vegetative												
	Flowering												
	Fruiting							■	■	■	■		



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Panicum flexile</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Panicum rigidulum var. elongatum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Paspalum laeve</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Pedicularis lanceolata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Pellaea glabella ssp. glabella</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Persicaria careyi</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Persicaria setacea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Petasites frigidus var. palmatus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Phacelia dubia var. dubia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Phlox maculata ssp. maculata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Phlox pilosa ssp. pilosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Phragmites australis ssp. americanus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Physalis virginiana var. virginiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Pinguicula vulgaris</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Pinus banksiana</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Pinus echinata</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Pinus virginiana</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Piptatherum canadense</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Plantago cordata</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Plantago maritima var. juncooides</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Plantanthera ciliaris</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Plantanthera cristata</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Plantanthera hookeri</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Plantanthera leucophaea</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Poa cuspidata</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Poa glauca ssp. glauca</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Poa interior</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											
<i>Poa laxa ssp. fernaldiana</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting	[Black]											



2008 Rare Plant Status List - Phenology

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Poa paludigena</i>	Vegetative												
	Flowering												
	Fruiting						■	■	■				
<i>Poa sylvestris</i>	Vegetative												
	Flowering												
	Fruiting						■	■	■				
<i>Podostemum ceratophyllum</i>	Vegetative												
	Flowering						■	■	■	■	■		
	Fruiting												
<i>Polemonium vanbruntiae</i>	Vegetative												
	Flowering						■	■	■	■	■		
	Fruiting												
<i>Polygala cruciata var. aquilonia</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Polygala incarnata</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Polygala lutea</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Polygala mariana</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Polygonum aviculare ssp. buxiforme</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Polygonum douglasii</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Polygonum erectum</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Polygonum glaucum</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Polygonum tenue</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Polystichum lonchitis</i>	Vegetative												
	Flowering												
	Fruiting												



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
<i>Populus heterophylla</i>	Vegetative	[Shaded]											
	Flowering	[Shaded]											
	Fruiting					[Shaded]	[Shaded]						
<i>Porteranthus stipulatus</i>	Vegetative	[Shaded]											
	Flowering				[Shaded]	[Shaded]	[Shaded]						
	Fruiting					[Shaded]	[Shaded]	[Shaded]					
<i>Potamogeton alpinus</i>	Vegetative	[Shaded]											
	Flowering						[Shaded]	[Shaded]	[Shaded]				
	Fruiting							[Shaded]	[Shaded]				
<i>Potamogeton confervoides</i>	Vegetative	[Shaded]											
	Flowering						[Shaded]	[Shaded]	[Shaded]				
	Fruiting							[Shaded]	[Shaded]				
<i>Potamogeton diversifolius</i>	Vegetative	[Shaded]											
	Flowering						[Shaded]	[Shaded]	[Shaded]				
	Fruiting							[Shaded]	[Shaded]				
<i>Potamogeton hillii</i>	Vegetative	[Shaded]											
	Flowering						[Shaded]	[Shaded]	[Shaded]				
	Fruiting						[Shaded]	[Shaded]	[Shaded]				
<i>Potamogeton ogdenii</i>	Vegetative	[Shaded]											
	Flowering						[Shaded]	[Shaded]	[Shaded]				
	Fruiting							[Shaded]	[Shaded]				
<i>Potamogeton pulcher</i>	Vegetative	[Shaded]											
	Flowering						[Shaded]	[Shaded]	[Shaded]				
	Fruiting							[Shaded]	[Shaded]				
<i>Potamogeton strictifolius</i>	Vegetative	[Shaded]											
	Flowering						[Shaded]	[Shaded]	[Shaded]				
	Fruiting							[Shaded]	[Shaded]				
<i>Potentilla paradoxa</i>	Vegetative	[Shaded]											
	Flowering						[Shaded]	[Shaded]	[Shaded]				
	Fruiting						[Shaded]	[Shaded]	[Shaded]				
<i>Prenanthes boottii</i>	Vegetative	[Shaded]											
	Flowering						[Shaded]	[Shaded]	[Shaded]				
	Fruiting							[Shaded]	[Shaded]				
<i>Prenanthes crepidinea</i>	Vegetative	[Shaded]											
	Flowering							[Shaded]	[Shaded]				
	Fruiting								[Shaded]	[Shaded]			
<i>Prenanthes racemosa var. racemosa</i>	Vegetative	[Shaded]											
	Flowering							[Shaded]	[Shaded]				
	Fruiting								[Shaded]	[Shaded]			
<i>Primula mistassinica</i>	Vegetative	[Shaded]											
	Flowering					[Shaded]	[Shaded]	[Shaded]	[Shaded]				
	Fruiting					[Shaded]	[Shaded]	[Shaded]	[Shaded]				



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Proserpinaca pectinata</i>												
Vegetative												
Flowering												
Fruiting												
<i>Prunus pumila var. depressa</i>												
Vegetative												
Flowering												
Fruiting												
<i>Prunus pumila var. pumila</i>												
Vegetative												
Flowering												
Fruiting												
<i>Pseudognaphalium helleri ssp. micradenium</i>												
Vegetative												
Flowering												
Fruiting												
<i>Pseudolycopodiella caroliniana</i>												
Vegetative												
Flowering												
Fruiting												
<i>Ptelea trifoliata ssp. trifoliata</i>												
Vegetative												
Flowering												
Fruiting												
<i>Pteridium aquilinum var. pseudocaudatum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Pterospora andromedea</i>												
Vegetative												
Flowering												
Fruiting												
<i>Pycnanthemum clinopodioides</i>												
Vegetative												
Flowering												
Fruiting												
<i>Pycnanthemum muticum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Pycnanthemum torrei</i>												
Vegetative												
Flowering												
Fruiting												
<i>Pycnanthemum verticillatum var. verticillatum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Pyrola asarifolia ssp. asarifolia</i>												
Vegetative												
Flowering												
Fruiting												
<i>Pyrola minor</i>												
Vegetative												
Flowering												
Fruiting												



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Pyxidantha barbulata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Quercus marilandica</i> var. <i>marilandica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Quercus phellos</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Quercus shumardii</i> var. <i>shumardii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ranunculus cymbalaria</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ranunculus hispidus</i> var. <i>nitidus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ranunculus micranthus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ranunculus pusillus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhexia mariana</i> var. <i>mariana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhodiola rosea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhododendron canadense</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhododendron lapponicum</i> var. <i>lapponicum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora cephalantha</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Rhynchospora chalarocephala</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora inundata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora macrostachya</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora nitens</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora pallida</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora recognita</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora scirpoides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora torreyana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rosa acicularis ssp. sayi</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rotala ramosior</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rubus chamaemorus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rubus cuneifolius</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rumex fueginus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rumex hastatulus</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Rumex persicarioides</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting							■	■	■	■		
<i>Sabatia angularis</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting									■	■		
<i>Sabatia campanulata</i>												
Vegetative												
Flowering								■	■	■		
Fruiting									■	■		
<i>Sabatia dodecandra</i> var. <i>dodecandra</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting									■	■		
<i>Sabatia stellaris</i>												
Vegetative												
Flowering								■	■	■	■	
Fruiting									■	■	■	
<i>Saccharum giganteum</i>												
Vegetative			■	■	■	■	■	■	■	■	■	■
Flowering								■	■	■	■	
Fruiting										■	■	■
<i>Sagina decumbens</i> ssp. <i>decumbens</i>												
Vegetative												
Flowering					■	■	■					
Fruiting												
<i>Sagittaria montevidensis</i> var. <i>spongiosa</i>												
Vegetative						■	■	■	■	■		
Flowering								■	■	■		
Fruiting									■	■		
<i>Sagittaria subulata</i>												
Vegetative						■	■	■	■	■		
Flowering								■	■	■		
Fruiting									■	■		
<i>Sagittaria teres</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting								■	■	■		
<i>Salicornia bigelovii</i>												
Vegetative							■	■	■	■		
Flowering								■	■	■		
Fruiting								■	■	■		
<i>Salix cordata</i>												
Vegetative					■	■	■	■	■	■		
Flowering					■	■	■	■	■	■		
Fruiting						■	■	■	■	■		
<i>Salix herbacea</i>												
Vegetative						■	■	■	■	■		
Flowering						■	■	■	■	■		
Fruiting							■	■	■	■		
<i>Salix pyrifolia</i>												
Vegetative					■	■	■	■	■	■		
Flowering					■	■	■	■	■	■		
Fruiting						■	■	■	■	■		



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Salix uva-ursi</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Salvia lyrata</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Saxifraga aizoides</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Saxifraga oppositifolia</i> ssp. <i>oppositifolia</i>			Vegetative									
			Flowering									
			Fruiting									
<i>Saxifraga paniculata</i> ssp. <i>neogaea</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Scheuchzeria palustris</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Schizaea pusilla</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Schoenoplectus heterochaetus</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Schwalbea americana</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Scirpus ancistrochaetus</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Scirpus georgianus</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Scirpus longii</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Scleria minor</i>						Vegetative						
						Flowering						
						Fruiting						
<i>Scleria muehlenbergii</i>						Vegetative						
						Flowering						
						Fruiting						



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Scleria pauciflora</i> var. <i>caroliniana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scleria reticularis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scleria triglomerata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scleria verticillata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scutellaria elliptica</i> var. <i>elliptica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scutellaria incana</i> var. <i>incana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scutellaria integrifolia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scutellaria nervosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scutellaria parvula</i> var. <i>parvula</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scutellaria serrata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Sericocarpus linifolius</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Sesuvium maritimum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Silene caroliniana</i> ssp. <i>pensylvanica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Sisyrinchium mucronatum</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Smallanthus uvedalius</i>	Vegetative											
	Flowering							■	■	■		
	Fruiting							■	■	■	■	
<i>Smilax pseudochina</i>	Vegetative					■	■	■	■	■	■	■
	Flowering						■	■				
	Fruiting						■	■				
<i>Smilax pulverulenta</i>	Vegetative			■	■	■	■	■	■	■	■	■
	Flowering				■	■	■	■				
	Fruiting				■	■	■	■	■			
<i>Solidago latissimifolia</i>	Vegetative											
	Flowering								■	■	■	
	Fruiting								■	■	■	
<i>Solidago leiocarpa</i>	Vegetative											
	Flowering							■	■	■	■	
	Fruiting							■	■	■	■	
<i>Solidago sempervirens var. mexicana</i>	Vegetative											
	Flowering							■	■	■		
	Fruiting									■	■	
<i>Solidago simplex var. monticola</i>	Vegetative											
	Flowering							■	■			
	Fruiting								■	■	■	
<i>Solidago simplex var. racemosa</i>	Vegetative											
	Flowering							■	■	■		
	Fruiting								■	■	■	
<i>Sparganium natans</i>	Vegetative											
	Flowering							■	■	■		
	Fruiting								■	■	■	
<i>Spergularia canadensis var. canadensis</i>	Vegetative											
	Flowering						■	■	■	■		
	Fruiting							■	■	■	■	
<i>Sphenopholis obtusata</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■	■	
<i>Sphenopholis pensylvanica</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■		
<i>Spinulum canadense</i>	Vegetative											
	Flowering											
	Fruiting							■	■	■	■	
<i>Spiraea septentrionalis</i>	Vegetative											
	Flowering							■	■	■		
	Fruiting								■	■	■	



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Spiranthes vernalis</i>												
Vegetative												
Flowering								■	■			
Fruiting												
<i>Sporobolus clandestinus</i>												
Vegetative												
Flowering								■	■			
Fruiting									■	■		
<i>Sporobolus heterolepis</i>												
Vegetative												
Flowering						■	■					
Fruiting							■	■	■			
<i>Stachys hyssopifolia</i>												
Vegetative												
Flowering							■	■	■			
Fruiting								■	■	■		
<i>Stellaria longipes</i>												
Vegetative												
Flowering						■	■	■				
Fruiting												
<i>Strophostyles umbellata</i>												
Vegetative												
Flowering								■	■			
Fruiting									■	■		
<i>Stuckenia filiformis ssp. alpina</i>												
Vegetative												
Flowering							■	■	■			
Fruiting								■	■			
<i>Stuckenia filiformis ssp. occidentalis</i>												
Vegetative												
Flowering							■	■	■			
Fruiting								■	■	■		
<i>Stylosanthes biflora</i>												
Vegetative												
Flowering							■	■				
Fruiting								■	■			
<i>Suaeda linearis</i>												
Vegetative												
Flowering												
Fruiting										■	■	
<i>Suaeda rolandii</i>												
Vegetative												
Flowering												
Fruiting										■	■	
<i>Subularia aquatica var. americana</i>												
Vegetative												
Flowering							■	■	■			
Fruiting									■	■		
<i>Symphotrichum boreale</i>												
Vegetative												
Flowering						■	■	■	■			
Fruiting							■	■	■	■		
<i>Symphotrichum ciliolatum</i>												
Vegetative												
Flowering									■	■		
Fruiting												



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Symphyotrichum concolor</i> var. <i>concolor</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Symphyotrichum laeve</i> var. <i>concinnum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Symphyotrichum lanceolatum</i> var. <i>interior</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Symphyotrichum ontarionis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Symphyotrichum oolentangiense</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Symphyotrichum subulatum</i> var. <i>subulatum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Symphyotrichum tenuifolium</i> var. <i>tenuifolium</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Thalictrum venulosum</i> var. <i>confine</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Thaspium barbinode</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Thaspium trifoliatum</i> var. <i>flavum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Tilia americana</i> var. <i>heterophylla</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Tipularia discolor</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Triantha glutinosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Trichomanes intricatum</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Trichophorum cespitosum</i> ssp. <i>cespitosum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Trichophorum clintonii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Trichostema brachiatum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Trichostema setaceum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Triglochin palustre</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Trillium flexipes</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Trillium sessile</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Triosteum angustifolium</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Triphora trianthophora</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Tripsacum dactyloides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Trisetum melicoides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Trollius laxus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ulmus thomasii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Utricularia geminiscapa</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Utricularia inflata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Utricularia juncea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Utricularia minor</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Utricularia radiata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Utricularia striata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Utricularia subulata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Uvularia puberula</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Vaccinium boreale</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Vaccinium cespitosum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Vaccinium uliginosum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Vahlodea atropurpurea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Valeriana uliginosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Valerianella chenopodiifolia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Valerianella umbilicata</i>	Vegetative											
	Flowering											
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Vernonia gigantea</i> ssp. <i>gigantea</i>	Vegetative											
	Flowering							█	█			
	Fruiting								█	█		
<i>Veronica peregrina</i> ssp. <i>xalapensis</i>	Vegetative											
	Flowering				█	█	█	█				
	Fruiting											
<i>Veronicastrum virginicum</i>	Vegetative											
	Flowering						█	█				
	Fruiting								█	█		
<i>Viburnum dentatum</i> var. <i>venosum</i>	Vegetative											
	Flowering				█	█	█					
	Fruiting					█	█	█	█			
<i>Viburnum edule</i>	Vegetative											
	Flowering					█	█					
	Fruiting						█	█	█			
<i>Viburnum nudum</i> var. <i>nudum</i>	Vegetative				█	█	█	█	█			
	Flowering					█	█					
	Fruiting							█	█	█		
<i>Viola bicolor</i>	Vegetative											
	Flowering				█	█	█					
	Fruiting						█	█				
<i>Viola brittoniana</i>	Vegetative											
	Flowering				█	█	█					
	Fruiting						█	█	█			
<i>Viola hirsutula</i>	Vegetative											
	Flowering				█	█	█					
	Fruiting						█	█	█			
<i>Viola nephrophylla</i>	Vegetative											
	Flowering				█	█	█					
	Fruiting						█	█	█			
<i>Viola novae-angliae</i>	Vegetative											
	Flowering				█	█	█					
	Fruiting						█	█	█			
<i>Viola primulifolia</i>	Vegetative											
	Flowering				█	█	█					
	Fruiting						█	█	█			
<i>Vitis vulpina</i>	Vegetative											
	Flowering				█	█	█					
	Fruiting						█	█	█			
<i>Vittaria appalachiana</i>	Vegetative											
	Flowering				█	█	█					
	Fruiting											



2008 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Woodsia alpina</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Woodsia glabella</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Woodsia oregana ssp. cathcartiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Xyris smaliana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Zigadenus elegans ssp. glaucus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Zigadenus leimanthoides</i>	Vegetative											
	Flowering											
	Fruiting											



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NATURAL HERITAGE REPORTING FORM
New York Natural Heritage Program
New York State Dept. of Environmental Conservation
625 Broadway, 5th Floor
Albany, NY 12233-4757 (518) 402-8935
If you have information on the location of a rare plant, rare animal or ecological community and would like to help us build the Natural Heritage inventory, please complete the form below. - Thank you!

INSTRUCTIONS:

1. Complete this form for **first-hand field observations only**. Please mail fully completed form to the above mailing address or FAX to 518-402-8925.
2. **DO NOT COMPLETE THIS FORM** if the source of your information is a report, letter, conversation or other document. Send us the documentation.
3. Rare birds: complete this form only for observations during the breeding season or at large concentration areas during migration or in winter.
4. Mail or email a copy of a location map and mark the location of the rare species or community & its boundary (if known).
You can print copies of topo maps from the Internet at <http://www.topozone.com>. You can also click the location on the map (a red cross appears) and e-mail it. Aerial maps may be printed from Google Maps. Under the "My Maps" tab, aerial maps may be marked up with a point or polygon and e-mailed (we prefer this).
5. Mail or e-mail a sketch and/or photos from the field (you can also e-mail a digital photo or scan of your sketch). The plan sketch (looking down from above) of the site and habitat should show the location of the species or ecological community when it is not apparent on the topographic map, aerial photos or site photographs. Show streets and/or trails, nearby landmarks, disturbances, distance scale, route taken, and north arrow.

SOURCE OF YOUR INFORMATION: (check one of the following)

Firsthand field observation Does the identification need to be confirmed? yes no
Other: Please do not complete this form; send us a copy of the documentation instead. If source is a conversation with someone, send us a note.

FORM COMPLETED BY (name):		
(address):		
Date form completed (mm/dd/yyyy):	E-mail:	Phone:

IDENTIFICATION

Complete **only one form per rare plant, animal or ecological community per site**. If you need a list of rare species/communities we are tracking, contact our office.

Name of the rare plant, animal or ecological community:	
Last Date Observed (mm/dd/yyyy):	First Date Observed (mm/dd/yyyy):
Observer name(s):	

LOCATION:

Site name (local or place name):		
Directions (describe in detail the precise location of the species or community; include nearby landmarks, street names and mileages. Include directions to separate groups of organisms if needed):		
County:	Town:	USGS 7.5' topo name(if known):

OBSERVATION DATA and GPS:

Animals: Indicate the number of adults, juveniles, nests, etc.

Plants: Indicate 1) what you counted (i.e., plants, clumps, floating masses, flowering stems) 2) the number or percentage of flowering plants to sterile plants and, if more than one group of plants, 3) the names of separate plant groups and their numbers (i.e., Group 1: 50 plants all in flower, Group 2: 10 plants, 5 flowering).

Ecological communities: Indicate 1) the percent cover of tree, shrub and herb layers and 2) the percent cover of the top three most abundant plants in each layer.

GPS POINTS (If possible, before recording points, set your unit to UTM format, NAD83 datum and Zone 18, Zone 19 for eastern Long Island and zone 17 for western NY) If possible record a center point for each population group. For communities, record a point somewhere in the community.

UTM Datum (NAD83?):

UTM Zone (18 for most of the state, zone 17 is west of a vertical line parallel to the eastern border of Orleans County and down through the center of Allegany County, zone 19 is east of Hither Hills campground on the South Fork of Long Island):

Group or patch 1.	E	N			
location error on unit in feet or meters:					
SIZE: Please indicate the estimated size of the area occupied by the animal, plant or community):			acres or	sq. meters	
If the area occupied is <u>long, narrow and less than 10 meters wide</u> , please indicate: Length:			(meters)	Width:	(meters)
Group or patch 2.	E	N	acres or	sq. meters	
location error on unit in feet or meters:					
			Length:	(meters)	Width: (meters)
Group or patch 3.	E	N	acres or	sq. meters	
location error on unit in feet or meters:					
(More groups or patches? Use additional forms)					

HABITAT DESCRIPTION: Write a word picture of the habitat where the species or community is found. Include ecological communities, dominants, associated species, substrates, soils, aspect, slope, hydrology, etc.

LANDOWNER(S) (names, addresses and phone numbers if available):

LANDSCAPE (describe the current landscape surrounding the plant, animal or community (i.e., farmland, residential, pristine forest, etc.))

CURRENT AND POTENTIAL THREATS:

MANAGEMENT NEEDS:

CONFIRMATION: plant identifications must be confirmed with a specimen or photograph.

SPECIMEN: Was a specimen taken? yes no. If yes, indicate the collection # and repository (if not sent to us):

PHOTOGRAPH: Was a photo taken? yes no. If yes: slide print digital.

Was a copy mailed or e-mailed with the form? yes no

