

New York Rare Plant Status Lists March 2019

Compiled by Stephen M. Young



New York Natural Heritage Program

A Partnership between SUNY ESF and the NYS Department of Environmental Conservation

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This list and a sortable table are also published at the website:

www.nynhp.org

Plant Conservation Guides for most species are available at:

guides.nynhp.org

More information is available about all the plants at:

atlas.nyflora.org

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To report sightings of rare species, contact our office, enter the observation in iNaturalist, or fill out the online rare species reporting form at

www.nynhp.org/report-rare

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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 **633 plants** that the NY Natural Heritage Program actively tracks and surveys.

It contains plant taxa (species, subspecies, and varieties) that are ranked S1 to S2S3 in the state and are considered highly vulnerable to extirpation. It also includes four species that are ranked S3 but are also globally rare and have most of their global occurrences in New York (*Bidens bidentoides*, *Polemonium vanbruntiae*, *Polygonum glaucum*, and *Trollius laxus*). Active List species have been documented by a Heritage survey or other documenting information, like an herbarium specimen or photograph, in the last 30 years (**Extant=490 taxa**). It also contains rare historical taxa, those plants that were documented over 30 years ago (**SH=81 taxa**), and the extirpated taxa, those that are considered no longer extant in the state (**SX=62 taxa**).

The Watch List - This contains the same fields as the active list for **85 plants**.

The list contains native species that are ranked S3 to S4 and 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. 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 30 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 30 years or the number of plants are in steep decline. 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 and those numbers are stable or increasing.

The Native Pioneer Plants Watch List- This contains the same fields as the active list for **2 plants**.

The list contains native species that are ranked S1 to S3 but are considered pioneer species, or 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.

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.



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, citizen science and social media websites, and oral reports. When occurrences of rare plants are discovered in the field, number of individuals, quality of the site, 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) and entered into a database that serves as a "communal memory" of rare plant, animal, and natural community information from across the state. Electronic data is 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 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, changes in the climate, 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 5 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, David Werier, and Andrew Nelson. 2018. New York Flora Atlas. [S.M. Landry, K.N. Campbell, and L.D. Mabe (original application development), USF Water Institute. 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. If a species is only known from a specimen without county information the county will be shown as UNKN. 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 of listed species may be downloaded from the [NY Flora Atlas advanced search](#) by selecting ‘listed’ under state listed status and the county you desire.**

GLOBAL AND SUBNATIONAL RANKS - These conservation status ranks are maintained by NatureServe (www.natureserve.org) and are used by all Natural Heritage programs in the Western Hemisphere. 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 in New York. 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 subnational rank reflects the rarity within New York State.

GLOBAL RANK

G1 = Critically Imperiled. At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors. **(4 taxa in 2019)**

G2 = Imperiled. At high risk of extinction or elimination due to very restricted range, very few populations, steep declines, or other factors. **(9 taxa in 2019)**

G3 = Vulnerable. At moderate risk of extinction or elimination due to very restricted range, very few populations, steep declines, or other factors. **(38 taxa in 2019)**

G4 = Apparently Secure. Uncommon but not rare; some cause for long-term concern from declines or other factors.

G5 = Secure. Common; widespread and abundant. (but possibly rare in parts).

GH = Historical and Possibly Extinct. No extant sites known but it may be rediscovered.

GX = Presumed Extinct. Species not located despite intensive searches and virtually no likelihood of rediscovery.

GNR = Not Ranked. No global rank has been assigned by NatureServe.



SUBNATIONAL 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 = Vulnerable in New York State. At moderate risk of extinction or elimination due to very restricted range, very few populations (usually 21 - 35 extant sites), steep declines, or other factors.
S4 = Apparently secure in New York State. Common in many areas of the state but possibly rare in other areas.
S5 = Demonstrably secure in New York State. Common; widespread and abundant.
SH = Historical. No existing sites known in New York State in the last 20-30 years but it may be rediscovered.
SX = Presumed extirpated from New York State with very low probability of rediscovery.

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.

QUALIFIERS

"Q" indicates a question exists whether the taxon is a good taxonomic entity.

"?" 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).

In New York there currently exists 3 federally endangered plants and 5 federally threatened plants. There are 1 historical (but probably extirpated) and 2 extirpated species.

<u>Scientific Name</u>	<u>Common Name</u>	<u>Fed. Status</u>	<u>State Status</u>
<i>Agalinis decemloba (acuta)</i>	Sandplain Gerardia	Endangered	S1
<i>Scirpus ancistrochaetus</i>	Northeastern Bulrush	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>Isotria medeoloides</i>	Small Whorled Pogonia	Threatened	S1
<i>Solidago houghtonii</i>	Houghton's Goldenrod	Threatened	S1
<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i>	Leedy's Roseroot	Threatened	S1
<i>Platanthera leucophaea</i>	Prairie Fringed Orchid	Threatened	SH
<i>Helonias bullata</i>	Swamp Pink	Threatened	SX
<i>Schwalbea americana</i>	Chaffseed	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. The list and contact information for questions about the list may be accessed at the DEC Protected Plants [website](#). This list is updated only every 10 years so legal status ranks may not reflect the current Heritage rank.

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.

EV = 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 I

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 on the active and watch lists 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.



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Changes Since the November 2017 Rare Plant Status Lists

Taxa added to the Active List from the Review List

<i>Arabis pycnocarpa</i> var. <i>adpressipilis</i>	G5T4Q	SH
<i>Aristida basiramea</i>	G5	S1S2
<i>Astragalus canadensis</i> var. <i>canadensis</i>	G5T5	S1
<i>Botrychium tenebrosum</i>	G5T4?Q	S1
<i>Cerastium velutinum</i> var. <i>velutinum</i>	G5T4	SH
<i>Crataegus irrasa</i>	G4?	SH
<i>Crataegus jesupii</i>	G4G5	SH
<i>Crataegus persimilis</i>	G5?	SH
<i>Crataegus praecox</i>	G4G5Q	SH
<i>Cyperus esculentus</i> var. <i>macrostachyus</i>	G5TNR	S1
<i>Dichantherium commonsianum</i>	G5	SH
<i>Dichantherium commutatum</i> ssp. <i>commutatum</i>	G5TNRQ	SH
<i>Dichantherium lucidum</i>	G4	SH
<i>Eleocharis quinqueflora</i>	G5	S1
<i>Elymus glabriflorus</i> var. <i>australis</i>	GNRT4?	SH
<i>Elymus virginicus</i> var. <i>halophilus</i>	G5T5	SH
<i>Glyceria obtusa</i>	G5	S2?
<i>Houstonia canadensis</i>	G4G5	S1S2
<i>Juncus dichotomus</i>	G5	S2
<i>Lithospermum latifolium</i>	G4	S2
<i>Lobelia spicata</i> var. <i>hirtella</i>	G5T4T5	SH
<i>Lycopodiella alopecuroides</i>	G5	S2?
<i>Monarda media</i>	G4?	S1
<i>Oenothera nutans</i>	G4	SH
<i>Ophioglossum pusillum</i>	G5	S2
<i>Paronychia fastigiata</i> var. <i>nuttallii</i>	G5T3T5	SH
<i>Piptochaetium avenaceum</i>	G5	S1S2
<i>Ranunculus ambiguus</i>	G4	S1S2
<i>Rhinanthus minor</i> ssp. <i>groenlandicus</i>	G5T5?	S1
<i>Rumex pallidus</i>	G4	SH
<i>Schoenoplectus torreyi</i>	G5?	S1S2
<i>Scutellaria parvula</i> var. <i>missouriensis</i>	G4T4	S1
<i>Sisyrinchium fuscatum</i>	G5?	S1?
<i>Spiranthes casei</i> var. <i>casei</i>	G4T4	S2
<i>Spiranthes tuberosa</i>	G5	S2
<i>Xyris torta</i>	G5	S2



Taxa added to the Active List from the Watch List

<i>Asclepias verticillata</i>	G5	S2
<i>Carex striata</i>	G4G5	S2
<i>Clintonia umbellulata</i>	G5	S2
<i>Drosera filiformis</i>	G4	S2
<i>Eleocharis melanocarpa</i>	G4	S2
<i>Fuirena pumila</i>	G4	S2
<i>Hydrocotyle umbellata</i>	G5	S2
<i>Rhynchospora macrostachya</i>	G4	S2
<i>Sabulina caroliniana</i>	G5	S2
<i>Scleria reticularis</i>	G4	S2
<i>Symphotrichum tenuifolium</i> var. <i>tenuifolium</i>	G5T5	S2
<i>Utricularia subulata</i>	G5	S2
<i>Viola pedata</i> var. <i>pedata</i>	G5TNR	S2

Taxa moved from the Active List to the Watch List

Scientific Name	Global Rank	State Rank
<i>Carex nigromarginata</i>	G5	S3
<i>Carex retroflexa</i>	G5	S4

Taxa removed from the Active List

<i>Carex molesta</i>	G4	S4
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Taxa added to the Watch List from the Review List

<i>Andropogon glomeratus</i> var. <i>glomeratus</i>	G5T5	S3
<i>Cakile edentula</i> var. <i>lacustris</i>	G5T3T5	S3
<i>Cryptogramma stelleri</i>	G5	S4
<i>Cuscuta gronovii</i> var. <i>latiflora</i>	G5T5?Q	S3
<i>Eutrochium dubium</i>	G5	S3
<i>Lechea minor</i>	G5	S3?
<i>Neottia cordata</i> var. <i>cordata</i>	G4T5	S3S4
<i>Schizachyrium littorale</i>	G5	S3
<i>Schoenoplectiella purshiana</i> var. <i>purshiana</i>	G4G5T4T5	S3?
<i>Schoenoplectiella smithii</i> var. <i>smithii</i>	G5?TNR	S3
<i>Sparganium fluctuans</i>	G5	S3
<i>Thelypteris simulata</i>	G4G5	S3
<i>Toxicodendron rydbergii</i>	G5	S3
<i>Zostera marina</i>	G5	S3



Taxa removed from the Watch List

<i>Agrimonia parviflora</i>	G4	S4
<i>Alisma gramineum</i>	G5	S4
<i>Carex oligosperma</i>	G5	S4
<i>Carex willdenowii</i>	G5	S4
<i>Salix pyrifolia</i>	G5	S4
<i>Symphotrichum ontarionis</i>	G5	S4
<i>Utricularia geminiscapa</i>	G4G5	S4

Taxa on the Active List with state rank changes

Scientific Name	2017 Rank	2019 Rank
<i>Carex conjuncta</i>	SH	S1
<i>Juncus ranarius</i>	S1	SH
<i>Opuntia cespitosa</i>	SH	S1
<i>Paspalum laeve</i>	S1	S2
<i>Stachys arenicola</i>	SH	S1

Taxa on the Watch List with state rank changes

Scientific Name	2017 Rank	2019 Rank
<i>Celastrus scandens</i>	S3	S4
<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	S3	S4
<i>Panax quinquefolius</i>	S3S4	S4
<i>Polygala cruciata</i>	S3?	S3



2019 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 NEWY-C ONON-P ROCK-C SUFF-P WEST-P	G5	S1	E
<i>Aconitum noveboracense</i>	Northern Monkshood	CHEN-P DELA-C SULL-C ULST-C	G3	S1	E
<i>Adoxa moschatellina</i>	Musk Root	DELA-C GREE-C	G5	S1	E
<i>Agalinis decemloba</i>	Sandplain Agalinis	NASS-C SUFF-C	G3G4	S1	E
<i>Agalinis maritima</i> var. <i>maritima</i>	Seaside Agalinis	BRON-X NASS-P NEWY-X ONON-? QUEE-P RICH-X SUFF-C WEST-X	G5T5	S2S3	T
<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-C NASS-P NEWY-P NIAG-C ONEL-? ONON-P ONTA-C QUEE-C RENS-? RICH-C SCHE-? SCHU-C STLA-C SUFF-? TOMP-P ULST-P WASH-C WAYN-P WEST-?	G5	S2S3	T
<i>Ageratina aromatica</i>	Small White Snakeroot	KING-? NASS-P QUEE-P RICH-P SUFF-C WEST-?	G5	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>Allium cernuum</i>	Wild Onion	CAYU-C CHEM-C ERIE-P SCHU-C STEU-P TIOG-P WYOM-?	G5	S2	T
<i>Allium schoenoprasum</i>	Wild Chives	CLIN-P HAMI-C JEFF-C SCHE-P WARR-C	G5	S1	U
<i>Allium tricoccum</i> var. <i>burdickii</i>	Burdick's Wild Leek	CHAU-P	G4G5	SH	E
<i>Amaranthus pumilus</i>	Seabeach Amaranth	KING-X NASS-C QUEE-C SUFF-C WEST-X	G2	S2	T
<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



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Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
<i>Amianthium muscitoxicum</i>	Fly-poison	NASS-X QUEE-X	G4G5	SX	U
<i>Amphicarpum amphicarpon</i>	Peanut Grass	SUFF-P	G4	SH	E
<i>Andersonglossum boreale</i>	Northern Wild Comfrey	ALBA-P CATT-P CHEM-P CLIN-C DELA-? ERIE-P ESSE-P FRAN-? GENE-P GREE-P HAMI-C JEFF-P LEWI-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>Andersonglossum virginianum</i>	Wild Comfrey	CORT-P NASS-P ONTA-P RICH-P SUFF-P	G5T5	SH	E
<i>Anemone multifida</i> var. <i>multifida</i>	Cut-leaf Anemone	JEFF-X	G5T5	SX	U
<i>Angelica lucida</i>	Seacoast Angelica	SUFF-C	G5	S2	T
<i>Angelica venenosa</i>	Hairy Angelica	ALBA-P BRON-P CATT-P CAYU-P CHEM-C COLU-P DELA-P DUTC-? ERIE-P LIVI-P MONR-P ONTA-P ORAN-P QUEE-P RENS-? RICH-P SCHU-P SENE-P STEU-P SUFF-P SULL-P TOMP-P ULST-C WEST-?	G5	S1	R
<i>Anthoxanthum monticola</i> ssp. <i>monticola</i>	Alpine Sweetgrass	ESSE-C	G5T3T5	S2	E
<i>Anticlea elegans</i> var. <i>glauca</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>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-C NIAG-P ONEI-P ONON-P ONTA-P ORAN-P ORLE-P OSWE-P SARA-? SENE-P SULL-C TOMP-P ULST-P WASH-C WAYN-? WEST-? YATE-P	G5	S1	E
<i>Arabis pycnocarpa</i> var. <i>adpressipilis</i>	Slender Rock Cress	TOMP-P	G5T4Q	SH	U
<i>Aralia spinosa</i>	Devil's Walking-stick	CATT-C CHAU-C	G5	S1	U



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Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
Arethusa bulbosa	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-? LEWI-C MADI-P NASS-P ONEI-P ONON-P ORAN-P OSWE-C RENS-P SARA-P SCHE-X STEU-? STLA-C SUFF-C TOMP-P ULST-P WARR-C WASH-P WAYN-P WEST-P	G5	S2	T
Aristida basiramea	Fork-tipped Threeawn	CLIN-C ESSE-P LEWI-P ONEI-P OSWE-C STLA-C	G5	S1S2	U
Aristida geniculata	Kearney's Threeawn	SUFF-C	G5T5?	S1	U
Aristida longespica	Slender Threeawn	NEWY-X RICH-P SUFF-C WEST-P	G5T5?	S1	U
Arnica lanceolata ssp. lanceolata	Lanceleaf Arnica	ESSE-C	G5T3T4	S1	E
Arnoglossum atriplicifolium	Pale Indian-plantain	CATT-P CHAU-? CHEM-? LIVI-? MONR-? ONEI-P TIOG-P WYOM-? YATE-?	G4G5	SH	E
Asclepias purpurascens	Purple Milkweed	BRON-C CAYU-? DUTC-P GREE-? MONR-? NASS-C NEWY-? ORAN-C QUEE-P RICH-C ROCK-? SCHE-? SUFF-C ULST-C WAYN-? WEST-C	G5?	S2S3	T
Asclepias rubra	Red Milkweed	NASS-X QUEE-X RICH-X SUFF-X WASH-X	G4G5	SX	U
Asclepias variegata	White Milkweed	BRON-C DUTC-? KING-X NASS-P NEWY-P QUEE-X RICH-P SUFF-C WEST-P	G5	S1	E
Asclepias verticillata	Whorled Milkweed	ALBA-P BRON-? COLU-P DUTC-P ERIE-? LIVI-? MONR-? NASS-P NIAG-P ORAN-C RENS-P RICH-? ROCK-P SCHE-? SUFF-C ULST-P WEST-C	G5	S2	R
Asclepias viridiflora	Green Milkweed	COLU-P DUTC-C KING-? NASS-C QUEE-? RICH-C ROCK-C SUFF-C ULST-? WEST-?	G5	S2	T
Asimina triloba	Pawpaw	CHAU-C ERIE-C LIVI-C MONR-C NIAG-C ONTA-P ORLE-C OSWE-?	G5	S2	T
Asplenium bradleyi	Bradley's Spleenwort	ORAN-P ULST-P	G4	SH	E



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<i>Asplenium montanum</i>	Mountain Spleenwort	COLU-P DUTC-P RENS-P SULL-C ULST-C	G5	S2S3	T
<i>Asplenium pinnatifidum</i>	Lobed Spleenwort	UNKN-X	G4	SX	U
<i>Asplenium scolopendrium</i> var. <i>americanum</i>	Hart's-tongue Fern	MADI-C NIAG-? ONON-C	G4T3	S1	T
<i>Asplenium viride</i>	Green Spleenwort	LEWI-C	G4	S1	E
<i>Astragalus canadensis</i> var. <i>canadensis</i>	Canada Milk Vetch	ALBA-P CATT-P CAYU-P ERIE-P JEFF-P LIVI-P MONR-P NIAG-P SCHO-P SCHU-P STLA-P TOMP-P ULST-P WAYN-C YATE-P	G5T5	S1	U
<i>Astragalus neglectus</i>	Cooper's Milkvetch	CAYU-C ERIE-P GENE-C LIVI-C MONR-C NIAG-P ONON-X ONTA-P SENE-P TOMP-P YATE-P	G4	S1	E
<i>Athyrium asplenioides</i>	Southern Lady Fern	BRON-C FULT-P KING-P NASS-P QUEE-C RENS-C RICH-C STLA-C SUFF-C WEST-P	G5T5	S2	EV
<i>Atriplex dioica</i>	Thickleaf Orach	BRON-P KING-? NASS-? ONTA-C ORAN-C QUEE-? RICH-? SUFF-P	G5	S1	E
<i>Atriplex glabriuscula</i>	Seaside Orach	SUFF-C	G4	S1	E
<i>Bartonia paniculata</i> ssp. <i>paniculata</i>	Screw-stem	KING-X NASS-X ORAN-C QUEE-X RICH-P SUFF-C WEST-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-?	G4G5Q	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 eatonii</i>	Eaton's Beggar-ticks	COLU-C	G3	S1	U



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<i>Bidens laevis</i>	Smooth Beggar-ticks	CAYU-P CHEM-? CHEN-? COLU-C 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-?	G5	S2	T
<i>Blephilia ciliata</i>	Downy Wood Mint	ALBA-C BROO-P ESSE-C GREE-C LIVI-P ONTA-P RENS-P WARR-P WASH-P WEST-P	G5	S1	E
<i>Boechera grahamii</i>	Purple Rock Cress	ALBA-C CLIN-C ESSE-C GREE-C JEFF-C OSWE-P RENS-C STLA-C WARR-P	G5	S2	T
<i>Boechera stricta</i>	Drummond's Rock Cress	CLIN-P DUTC-P GREE-C JEFF-C NIAG-P ONON-P ORAN-C SARA-P STLA-C TOMP-P WARR-P WASH-P	G5	S2	T
<i>Bolboschoenus maritimus</i> ssp. <i>paludosus</i>	Seaside Bulrush	BRON-P CAYU-C ERIE-P NASS-C ONON-P QUEE-C RICH-P SENE-P SUFF-C WAYN-C WEST-?	G5	S2	T
<i>Bolboschoenus novae-angliae</i>	Saltmarsh Bulrush	BRON-P NEWY-P ORAN-C PUTN-C QUEE-X ROCK-C SUFF-C WEST-C	G5	S1	E
<i>Borodinia dentata</i>	Toothed Rock Cress	CHEM-P ONEI-P TIOG-P	G5	SH	T
<i>Borodinia missouriensis</i>	Green Rock Cress	ALBA-C ESSE-C GREE-C ORAN-C RENS-P SARA-C SUFF-P ULST-C WARR-C WASH-C	G5	S2	T
<i>Botrychium campestre</i>	Prairie Dunewort	ONON-P	G3G4	SH	E
<i>Botrychium minganense</i>	Mingan Moonwort	ONEI-? ONON-C	G4G5	S1	E
<i>Botrychium neolunaria</i>	Common Moonwort	ONEI-P ONON-C	GNR	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-C SUFF-C SULL-P TIOG-C TOMP-C ULST-P WARR-P WASH-C WEST-P WYOM-P	G4	S2S3	T
Botrychium rugulosum	Rugulose Grape Fern	ESSE-P GREE-P HAMI-C HERK-P MADI-P ONON-P STLA-C	G3	S1	E
Botrychium tenebrosum	Shade-loving Moonwort	CAYU-P GENE-C STLA-C	G5T4?Q	S1	EV
Bouteloua curtipendula var. curtipendula	Side-oats Grama	ALBA-C COLU-C DUTC-C JEFF-C MONR-? ONTA-P ORAN-P QUEE-P RENS-C ROCK-C SCHE-C SUFF-C ULST-C WEST-?	G5T5	S2	E
Bromus nottowayanus	Nottoway Brome Grass	ERIE-P TOMP-C WASH-P	G3G5	S1S2	E
Buchnera americana	Blue-hearts	CHEN-? ERIE-P MADI-? MONR-P ONTA-P YATE-P	G5?	SH	E
Calamagrostis canadensis var. macouniana	Macoun's Bluejoint Grass	TIOG-P	G5T5?	SH	U
Calamagrostis perplexa	Wood Reed Grass	TOMP-C	G1	S1	E
Calamagrostis porteri ssp. porteri	Porter's Reed Grass	BROO-P CHEM-C STEU-P TIOG-P	G4T4	S1S2	E
Calamagrostis stricta ssp. inexpansa	New England Northern Reed Grass	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 Reed Grass	CLIN-C	G5T5	S1	E
Callitriche hermaphrodita	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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Campanula americana	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	E
Cardamine douglassii	Purple Cress	ALBA-P BRON-P CAYU-C CHAU-C CHEM-P DELA-P DUTC-P ERIE-C ESSE-P GENE-P LIVI-C MADI-P MONR-P NIAG-C ONON-P ONTA-C ORLE-P PUTN-P TOMP-C ULST-P WYOM-C YATE-P	G5	S2S3	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	E
Carex aggregata	Glomerate Sedge	BRON-C JEFF-P NEWY-C ONEI-P ONON-P ROCK-X	G5	S2	E
Carex arcta	Northern Clustered Sedge	CATT-P CORT-P ESSE-P FRAN-P HERK-C STLA-C 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	G5	S2S3	T
Carex barrattii	Barratt's Sedge	NASS-C QUEE-X SUFF-C YATE-P	G4	S1	E
Carex bigelowii ssp. 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 Sedge	ALBA-P COLU-P DUTC-P ESSE-P GENE-P HERK-P KING-P LEWL-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	G5	S2	T
Carex capillaris	Hair-like Sedge	CAYU-P CORT-X HAMI-C ONON-P	G5	S1	E
Carex careyana	Carey's Sedge	CAYU-P ERIE-P GENE-P JEFF-P MADI-P MONR-P ONON-C STLA-C TOMP-P WAYN-P	G4G5	S1S2	E



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<i>Carex caroliniana</i>	Carolina Sedge	CATT-P NASS-? QUEE-X	G5	SH	E
<i>Carex chordorrhiza</i>	Creeping Sedge	CATT-C FRAN-C HERK-P JEFF-P LEWI-P ONEI-P ONON-X OSWE-C SARA-P SENE-P STLA-C 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-C HERK-P ONEI-P RENS-P SARA-? WEST-P	G4G5	S1	E
<i>Carex crawei</i>	Crawe's Sedge	CLIN-C ERIE-P GENE-C HERK-P JEFF-C MONR-P ONEI-? STLA-C 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	T
<i>Carex decomposita</i>	Cypress-knee Sedge	LIVI-P MONR-P ONEI-P ONTA-P SENE-P YATE-P	G3G4	SH	E
<i>Carex echinodes</i>	Bristly Nodding Sedge	JEFF-C STLA-C	G5TNR	S1	E
<i>Carex emoryi</i>	Emory's Sedge	CATT-C CHAU-C CLIN-C LIVI-C OTSE-C STLA-C SULL-P	G5	S2	E
<i>Carex formosa</i>	Handsome Sedge	CAYU-C 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	ALBA-C MADI-P ONEI-P ORAN-C ROCK-C SENE-C TOMP-? ULST-C WAYN-C	G5	S2	E
<i>Carex garberi</i>	Elk Sedge	CAYU-P CLIN-P ERIE-P JEFF-P MONR-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-C ONON-X ORAN-C RENS-P RICH-? ROCK-P SCHE-X TOMP-C ULST-C	G5T5	S2	T
<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-C MADI-P ONON-? ORAN-C STEU-P STLA-C	G5	S1S2	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 STLA-C WARR-P	G5	S2	T
<i>Carex jamesii</i>	James' Sedge	GENE-C JEFF-C LIVI-C MONR-C ONON-C ONTA-P TOMP-C WAYN-P	G5	S2S3	T
<i>Carex livida</i>	Livid Sedge	ESSE-C HERK-C JEFF-C MADI-P MONR-P ONEI-P OSWE-C STLA-C	G5	S1	E
<i>Carex lupuliformis</i>	False Hop Sedge	ALBA-P BRON-P CAYU-P COLU-C 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	T
<i>Carex meadii</i>	Mead's Sedge	ERIE-P HERK-P ORAN-? QUEE-X YATE-P	G4G5	SH	E
<i>Carex merritt-fernaldii</i>	Fernald's Sedge	CLIN-C DUTC-P ESSE-C FRAN-C GREE-P JEFF-C ORAN-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	T
<i>Carex mitchelliana</i>	Mitchell's Sedge	NASS-C ONEI-? QUEE-P SUFF-C WEST-P	G4	S1S2	E



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<i>Carex nigra</i>	Black Sedge	DUTC-P MONR-? ONEI-? RENS-? WARR-C WAYN-?	G5	S1	E
<i>Carex polymorpha</i>	Variable Sedge	NASS-X QUEE-X SUFF-X	G3	SX	U
<i>Carex reznicekii</i>	Reznicek's Sedge	NEWY-P ORAN-C ULST-C	G5	S1S2	E
<i>Carex richardsonii</i>	Richardson's Sedge	MONR-X	G5	SX	U
<i>Carex sartwellii</i>	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	E
<i>Carex schweinitzii</i>	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
<i>Carex scirpoidea</i> ssp. <i>scirpoidea</i>	Canadian Single-spike Sedge	ESSE-C WASH-C	G5T5	S1	E
<i>Carex shortiana</i>	Short's Sedge	ONON-C ORAN-C SUFF-P WAYN-C	G5	S1	E
<i>Carex straminea</i>	Straw Sedge	BRON-P CAYU-P DUTC-P GREE-P LIVI-C NASS-P ONTA-P 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
<i>Carex striata</i>	Walter's Sedge	NASS-P SUFF-C	G4G5	S2	R
<i>Carex striatula</i>	Lined Sedge	KING-X RICH-P SUFF-P	G4G5	SH	E
<i>Carex styloflexa</i>	Bent Sedge	BRON-P MADI-P NASS-P ORAN-? QUEE-X RENS-C RICH-P SUFF-C TIOG-? ULST-C WEST-P	G4G5	S1	E
<i>Carex sychnocephala</i>	Many-headed 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



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<i>Carex typhina</i>	Cat-tail Sedge	BRON-P CATT-P CLIN-C COLU-P DUTC-C ESSE-P KING-P ONEI-P ORAN-C QUEE-C RENS-C RICH-P STEU-P SUFF-C SULL-P TIOG-P ULST-C WASH-C WEST-C	G5	S2	E
<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 laciniosa</i>	Big Shellbark Hickory	CATT-C CAYU-C CHEM-P ERIE-C LIVI-C MONR-C ONEI-P ONON-P ROCK-P SENE-C 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-C QUEE-C RICH-C SUFF-?	G5	S2	T
<i>Cerastium velutinum</i> var. <i>velutinum</i>	Large Field Chickweed	RICH-P	G5T4?	SH	U
<i>Chaerophyllum procumbens</i> var. <i>procumbens</i>	Spreading Chervil	CHEM-P CHEN-? ERIE-C GENE-C MONR-P ONON-P TOMP-P WAYN-P	G5T5	S1	E
<i>Chamaecyparis thyoides</i>	Atlantic White Cedar	NASS-C ORAN-C PUTN-C RICH-X SUFF-C	G4	S2	T
<i>Chamaelirium luteum</i>	Fairywand	BRON-X BROO-P CATT-C CAYU-? CHAU-P CHEM-P COLU-P DUTC-C ERIE-C GENE-P GREE-? LIVI-P MONR-C 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	E
<i>Chasmanthium laxum</i>	Slender Spike Grass	NASS-X RICH-X SUFF-C	G5	S1	E



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<i>Chenopodium berlandieri</i> var. <i>macrocalycium</i>	Large Calyx Goosefoot	BRON-P KING-P NASS-P NEWY-X QUEE-P RICH-P SUFF-C	G5T4	S1S2	E
<i>Chenopodium foggii</i>	Fogg's Goosefoot	ORAN-C	G2G3	S1	U
<i>Chenopodium standleyanum</i>	Standley's Goosefoot	BRON-C CLIN-C GREE-C RICH-C WEST-C	G5	S1S3	U
<i>Cirsium altissimum</i>	Tall Thistle	BRON-X ESSE-X KING-X MONT-X NEWY-? RENS-? RICH-X SARA-? SCHE-? SUFF-X WEST-X	G5	SX	U
<i>Clematis ochroleuca</i>	Curly-heads	KING-X NASS-X RICH-X SUFF-?	G4	SX	U
<i>Clinopodium arkansanum</i>	Calamint	DUTC-X ERIE-X NIAG-X	G5	SX	U
<i>Clintonia umbellulata</i>	Speckled Wood Lily	ALLE-P CATT-C CHAU-P ERIE-P LIVL-P WYOM-C	G5	S2	R
<i>Clitoria mariana</i> var. <i>mariana</i>	Butterfly Pea	KING-X	G5TNR	SX	U
<i>Coleataenia anceps</i> ssp. <i>anceps</i>	Beaked Panic Grass	SUFF-X	G5TNR	SX	U
<i>Coleataenia stipitata</i>	Tall Flat Panic Grass	BRON-P SUFF-P WEST-P	G5T4T5	SH	E
<i>Collinsia verna</i>	Blue-eyed-Mary	ALLE-P CHAU-? ERIE-P HERK-P MADI-P MONR-P NIAG-? ONEI-P SCHE-? TOMP-P	G5	SH	E
<i>Commelina erecta</i>	Slender Dayflower	NEWY-X QUEE-? RICH-?	G5	SX	U
<i>Corallorhiza odontorhiza</i> var. <i>pringlei</i>	Autumn Coralroot	MONR-X	G5T2T4	SX	U
<i>Corallorhiza striata</i> var. <i>striata</i>	Striped Coralroot	JEFF-P LEWI-P MADI-C MONR-P ORLE-P	G5T5	S1	E
<i>Corema conradii</i>	Broom Crowberry	ULST-C	G4	S1	E
<i>Coreopsis rosea</i>	Rose Coreopsis	NASS-X SUFF-C	G3	S3	R
<i>Cornus drummondii</i>	Rough-leaf Dogwood	CATT-C ERIE-C NIAG-P	G5	S1	E
<i>Corydalis aurea</i> ssp. <i>aurea</i>	Golden Corydalis	CLIN-C DUTC-P ESSE-C JEFF-C LEWI-? NASS-P NEWY-? ROCK-P SARA-P TOMP-P ULST-P WASH-C	G5T5	S2	T
<i>Crassula aquatica</i>	Water Pigmyweed	PUTN-P ROCK-C SUFF-C ULST-P WEST-P	G5	S1	E
<i>Crataegus irrasa</i>	New York Hawthorn	ESSE-P RENS-P	G4?	SH	U



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<i>Crataegus jesupii</i>	Jesup's Hawthorn	ALLE-P BRON-P ERIE-P JEFF-P MONR-P ONTA-P RENS-P STEU-P STLA-P	G4G5	SH	U
<i>Crataegus lumaria</i>	Thorny Hawthorn	ALBA-P RENS-P	G3G4	SH	U
<i>Crataegus magniflora</i>	Large-flowered Hawthorn	OSWE-P	G3G5	SH	U
<i>Crataegus pennsylvanica</i>	Pennsylvania Hawthorn	CAYU-C	G3	S1	U
<i>Crataegus persimilis</i>	Plum-leaved Hawthorn	MONR-P	G5?	SH	U
<i>Crataegus praecox</i>	Early-fruiting Hawthorn	ESSE-P	G4G5Q	SH	U
<i>Crataegus straminea</i>	Straw-colored Hawthorn	TOMP-P	GNRTNR	SH	U
<i>Crataegus uniflora</i>	Dwarf Hawthorn	CHAU-P RICH-C SUFF-P	G5	SH	E
<i>Crepidomanes intricatum</i>	Appalachian Bristle Fern	CATT-C CHAU-C GREE-P SCHO-P ULST-P WEST-P	G4G5	S1	E
<i>Crocianthemum dumosum</i>	Bushy Rockrose	NASS-C SUFF-C	G3	S2	T
<i>Crocianthemum propinquum</i>	Early Frostweed	NASS-C ORAN-C SUFF-C	G4	S2	T
<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	E
<i>Cuscuta cephalanthi</i>	Buttonbush 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 SUFF-C	G5T4T5	S1S2	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>Cyperus echinatus</i>	Globose Flatsedge	BRON-C NEWY-X ORAN-C QUEE-X RICH-C WEST-P	G5	S1	E
<i>Cyperus esculentus</i> var. <i>macrostachyus</i>	Large Yellow Nut Sedge	RICH-C	G5TNR	S1	U
<i>Cyperus flavescens</i>	Yellow Flatsedge	BRON-C KING-C NASS-C NEWY-X QUEE-C RICH-? ROCK-C SUFF-C WEST-P	G5	S1	E



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Cyperus lupulinus ssp. lupulinus	Great Plains Flatsedge	ALBA-P BRON-P KING-X ONEI-P ONON-? ORAN-C OSWE-? PUTN-C QUEE-C RICH-C SARA-? SUFF-C WARR-C	G5T5?	S1S2	T
Cyperus polystachyos	Coast Flatsedge	NASS-P QUEE-C RICH-P SUFF-C	G5	S2	E
Cyperus retrorsus	Retrorse Flatsedge	KING-P NASS-P QUEE-C RICH-C SUFF-C WEST-P	G5	S1	E
Cyperus subsquarrosus	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
Cypripedium arietinum	Ram's-head Lady's Slipper	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
Cypripedium candidum	Small White Lady's Slipper	CHEM-? ERIE-P GENE-C LIVI-C ONON-P ONTA-? OTSE-? SCHU-P WARR-P	G4	S1	E
Cypripedium parviflorum var. parviflorum	Small Southern Yellow Lady's Slipper	ALBA-P BRON-X CHEM-P LEWI-P LIVI-P MADI-P MONR-P ONEI-P ONON-P OTSE-? RENS-P SCHE-P STLA-P TOMP-P ULST-P WEST-X WYOM-P	G5T3T5	SH	E
Cystopteris protrusa	Lowland Fragile Fern	ERIE-P RICH-C SENE-P SUFF-P TOMP-P	G5	S1	E
Descurainia pinnata ssp. brachycarpa	Northern Tansy-mustard	CLIN-C DUTC-P ERIE-P ESSE-C SCHU-P SUFF-P TOMP-P	G5T5	S1	E
Desmodium ciliare	Little-leaf Tick Trefoil	ALBA-P BRON-P COLU-C 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
Desmodium laevigatum	Smooth Tick Trefoil	ALBA-P BRON-P NASS-? NEWY-? QUEE-X RICH-? SUFF-P WEST-P	G5	SH	E
Desmodium nuttallii	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



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Desmodium obtusum	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
Diapensia lapponica	Diapensia	ESSE-C	G3G5	S2	T
Diarrhena obovata	Beakgrass	ULST-C	G4G5	S2	T
Dichanthelium commonsianum	Commons' Rosette Grass	NASS-P	G5	SH	U
Dichanthelium commutatum ssp. commutatum	Variable Rosette Grass	ERIE-P	G5TNRQ	SH	U
Dichanthelium leibergii	Leiberg's Panic Grass	RENS-C SCHU-P	G5	S1	E
Dichanthelium lucidum	Shining Rosette Grass	NASS-P SUFF-P	G4	SH	U
Dichanthelium scoparium	Velvet Panic Grass	BRON-P KING-X NEWY-P QUEE-P RICH-C SENE-P SUFF-C TIOG-P YATE-P	G5	S1	E
Dichanthelium wrightianum	Wright's Panic Grass	SUFF-C	G4	S1S2	E
Digitaria filiformis var. filiformis	Slender Crab Grass	ALBA-? BRON-P DUTC-? NASS-P NEWY-P QUEE-P RICH-P SUFF-C ULST-P WEST-P YATE-P	G5TNR	S1	E
Diospyros virginiana	Persimmon	BRON-C KING-? NASS-C NEWY-P RICH-C SUFF-C WEST-?	G5	S2	T
Diphasiastrum complanatum	Northern Running-pine	CORT-C ESSE-C FRAN-C GREE-P LEWI-C ONEI-C STLA-C ULST-P	G5	S1S2	E
Diphasiastrum sitchense	Sitka Clubmoss	DELA-P ESSE-P FRAN-C STLA-?	G5	S1	E
Diplachne fusca ssp. fascicularis	Salt-meadow Grass	CAYU-C NASS-C ONON-C ROCK-P SUFF-C WAYN-C	G5T5	S1S2	E
Draba arabisans	Rock Whitlow Grass	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
Draba glabella	Smooth Whitlow Grass	CLIN-C WASH-C	G5	S1	E
Dracocephalum parviflorum	American Dragonhead	ERIE-P JEFF-C LEWI-P ONEI-? STLA-?	G5	S1	E
Drosera filiformis	Thread-leaved Sundew	SUFF-C	G4	S2	R



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<i>Dryopteris celsa</i>	Log Fern	GENE-P MONR-P ONTA-C RICH-C SENE-?	G4	S1	E
<i>Dryopteris fragrans</i>	Fragrant Cliff Fern	ESSE-C FRAN-C GREE-C HAMI-P STLA-C	G5	S1S2	E
<i>Elatine americana</i>	American Waterwort	ALBA-P COLU-P DUTC-P GREE-C ONEI-? ORAN-C RENS-P ROCK-P SUFF-C ULST-P	G4	S1	E
<i>Eleocharis aestuum</i>	Tidal Spike Rush	COLU-C GREE-C ULST-P	G3	S1	E
<i>Eleocharis ambigens</i>	Creeping Spike Rush	BRON-P SUFF-C ULST-P	G4G5	S1	E
<i>Eleocharis diandra</i>	Wright's Spike Rush	CLIN-C MADI-P ONEI-C RENS-P	G2	S1	E
<i>Eleocharis engelmannii</i>	Engelmann's Spike Rush	BRON-P COLU-P KING-X NASS-P QUEE-P SUFF-C	G4G5	S1	E
<i>Eleocharis equisetoides</i>	Knotted Spike Rush	DUTC-C MONR-P NASS-X ONEI-? ONON-? SUFF-C WEST-?	G4	S2	T
<i>Eleocharis melanocarpa</i>	Black-fruited Spike Rush	RICH-? SUFF-C	G4	S2	R
<i>Eleocharis ovata</i>	Ovate Spike Rush	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-C ROCK-? SARA-P STLA-C SUFF-C SULL-P ULST-C WARR-P WASH-? WEST-?	G5	S1S2	E
<i>Eleocharis quadrangulata</i>	Angled Spike Rush	CAYU-C OSWE-P RICH-C ROCK-P SUFF-C ULST-P WEST-C	G5	S1	E
<i>Eleocharis quinqueflora</i>	Few-flowered Spike Rush	CAYU-P CHEM-P HERK-P JEFF-P MONR-P ONON-P SENE-P STLA-C TIOG-P WAYN-P	G5	S1	U
<i>Eleocharis tenuis</i> var. <i>pseudoptera</i>	Slender Spike Rush	BRON-C PUTN-P QUEE-X SUFF-C	G5T5?	S1	E
<i>Eleocharis tortilis</i>	Twisted Spike Rush	NASS-X	G5	SX	U
<i>Eleocharis tricostata</i>	Three-ribbed Spike Rush	SENE-P SUFF-C WEST-P	G4	S1	E
<i>Eleocharis tuberculosa</i>	Long-tuberclcd Spike Rush	NASS-P QUEE-P RICH-P SUFF-C WEST-P	G5	S2	T



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<i>Eleocharis uniglumis</i>	Salt-marsh Spike Rush	BRON-P CAYU-P JEFF-P KING-P NASS-P NEWY-P ONEI-X OSWE-P QUEE-? ROCK-C SUFF-C	G5	S2	T
<i>Ellisia nyctelea</i>	Waterpod	NEWY-X	G5	SX	U
<i>Elymus glabriflorus</i> var. <i>australis</i>	Hairy Southeastern Wild Rye	SUFF-P	GNRT4?	SH	U
<i>Elymus virginicus</i> var. <i>halophilus</i>	Coastal Virginia Wild Rye	BRON-P KING-P NASS-P NEWY-P QUEE-P RICH-P SUFF-P	G5T5	SH	U
<i>Empetrum atropurpureum</i>	Purple Crowberry	ESSE-C	G5T5	S1	E
<i>Empetrum nigrum</i>	Black Crowberry	ESSE-C SUFF-X	G5	S2	R
<i>Endodeca 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-C	G4	S2	T
<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 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 hieraciifolius</i> var. <i>megalocarpus</i>	Coastal Fireweed	SUFF-C	G5T3	S1	E
<i>Erigenia bulbosa</i>	Harbinger-of-spring	BROO-X ERIE-X 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	COLU-C DUTC-C GREE-C RENS-C SARA-C ULST-C	G5T3	S1	E
<i>Eriocaulon parkeri</i>	Estuary Hatpins	ALBA-X COLU-X DUTC-X GREE-X ORAN-X ROCK-X ULST-X	G3	SX	U
<i>Eryngium aquaticum</i> var. <i>aquaticum</i>	Marsh Eryngo	NEWY-X RICH-X	G4T4	SX	U



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<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 leucolepis</i>	White-bracted Boneset	RICH-C SUFF-C	G5	S1	E
<i>Eupatorium pubescens</i>	Serrate Round-leaf Boneset	QUEE-? RICH-P SUFF-C	G5T5	S1	E
<i>Eupatorium resinosum</i>	Pine Barrens Boneset	QUEE-X	G3	SX	U
<i>Eupatorium rotundifolium</i>	Round-leaf Boneset	NASS-P QUEE-P RICH-P SUFF-P	G5T5	SH	E
<i>Eupatorium subvenosum</i>	Trinerved White Boneset	BRON-P NASS-P QUEE-? SUFF-C	G5T4	S2S3	T
<i>Eupatorium torreyanum</i>	Fringed Boneset	NASS-C QUEE-C RICH-C SUFF-C	G5T4T5	S2	T
<i>Euphorbia ipecacuanhae</i>	American Ipecac	NASS-C NEWY-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>Festuca saximontana</i> var. <i>saximontana</i>	Sheep Fescue	ESSE-C	G5T5	S1	E
<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>Fraxinus profunda</i>	Pumpkin Ash	BRON-C CHAU-C NEWY-C TOMP-P	G4	S1	U
<i>Fuirena pumila</i>	Dwarf Umbrella Sedge	NASS-C ORAN-C SUFF-C WEST-P	G4	S2	R
<i>Fuirena squarrosa</i>	Hairy Dwarf Umbrella Sedge	NASS-X SENE-X SUFF-X	G4G5	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-P KING-P QUEE-P RICH-C SUFF-C WEST-C	G5	S1	U
<i>Gaylussacia bigeloviana</i>	Northern Dwarf Huckleberry	NASS-P PUTN-C SUFF-C	G5T4T5	S1S2	E



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<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> ssp. <i>virgata</i>	Lesser Fringed Gentian	ERIE-P MONR-P NIAG-C STLA-C	G5TNRQ	S1	E
<i>Geocaulon lividum</i>	False Toadflax	ESSE-C	G5	S1	E
<i>Geum macrophyllum</i> var. <i>macrophyllum</i>	Bigleaf Yellow Avens	ESSE-C ULST-C	G5T5	S1	E
<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	T
<i>Gillenia stipulata</i>	Indian Physic	BROO-? TOMP-X	G5	SX	U
<i>Glyceria obtusa</i>	Coastal Manna Grass	CAYU-P NASS-P QUEE-X RICH-P SUFF-C	G5	S2?	U
<i>Glycyrrhiza lepidota</i>	American Licorice	ERIE-X	G5	SX	U
<i>Graphephorum melicoides</i>	Melic Oats	CLIN-C ESSE-C	G4	S1	E
<i>Gratiola virginiana</i>	Virginia Hedge Hyssop	RICH-C	G5	S1	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> ssp. <i>americana</i>	Northern Stickseed	ALBA-P CLIN-X JEFF-C SCHO-P	G5T5	S1	E
<i>Halenia deflexa</i> ssp. <i>deflexa</i>	Spurred Gentian	CLIN-C ESSE-C HAMI-C HERK-P ONEI-P SULL-P WARR-C	G5T5	S1	E
<i>Harrimanella hypnoides</i>	Moss Heather	ESSE-X HAMI-X	G5	SX	U
<i>Hedeoma hispida</i>	Rough 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>Helianthium tenellum</i>	Burhead	CORT-X KING-X ONON-X QUEE-X	G5?	SX	U



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<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>	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-C SUFF-C WEST-C	G4	S2	T
<i>Houstonia canadensis</i>	Canada Bluets	CHAU-C ERIE-C NIAG-P	G4G5	S1S2	U
<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>Humulus lupulus</i> var. <i>pubescens</i>	Midwestern Hops	CATT-P	G5T4?	SH	U
<i>Huperzia selago</i>	Fir Clubmoss	ESSE-P STLA-C	G5	S1	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	T
<i>Hydrastis canadensis</i>	Goldenseal	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-?	G3G4	S2	T
<i>Hydrocotyle ranunculoides</i>	Floating Pennywort	CHAU-C	G5	S1	E
<i>Hydrocotyle umbellata</i>	Many-flowered Marsh Pennywort	ONON-P OSWE-P ROCK-P SUFF-C TOMP-? WEST-?	G5	S2	R
<i>Hydrocotyle verticillata</i> var. <i>verticillata</i>	Whorled Marsh Pennywort	RICH-C SUFF-C	G5T5	S1	E
<i>Hylodesmum pauciflorum</i>	Small-flowered Tick Trefoil	CAYU-? CHEM-P GENE-P MONR-P SARA-P SENE-? TIOG-? WAYN-? WEST-?	G5	SH	E
<i>Hypericum adpressum</i>	Creeping St. John's Wort	NASS-X SUFF-C	G3	S2	T
<i>Hypericum densiflorum</i>	Bushy St. John's Wort	NASS-P SUFF-C	G5	S1	E
<i>Hypericum denticulatum</i>	Coppery St. John's Wort	SUFF-C	G5	S1	E



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<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-C CORT-P DUTC-C NIAG-? OSWE-P SARA-P SENE-C SUFF-C WEST-C	G5	S2	T
<i>Hypericum stragulum</i>	Low St. John's Wort	NASS-C RICH-C SUFF-C	G5T4	S1	E
<i>Ipomoea pandurata</i>	Wild Potato-vine	BRON-? CATT-P DUTC-? ERIE-? MONR-C RICH-C ROCK-P	G5	S1	E
<i>Iris prismatica</i>	Slender Blue Flag	BRON-C DUTC-? KING-X NASS-P QUEE-X RICH-C ROCK-P SUFF-C WEST-P	G4G5	S2	T
<i>Iris virginica</i>	Southern Blue Flag	ERIE-C	G5	S1	E
<i>Isoetes septentrionalis</i>	Northern 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	GNR	S1	E
<i>Isotria medeoloides</i>	Small Whorled Pogonia	NASS-P ONON-P ORAN-C ROCK-P SUFF-P ULST-P WASH-P	G2?	S1	E
<i>Jeffersonia diphylla</i>	Twinleaf	ALLE-C CATT-P CAYU-C ERIE-C GENE-C JEFF-P LIVI-C MONR-C NIAG-X ONON-C ONTA-C ORLE-P RENS-C SENE-C STEU-C WAYN-P WEST-P YATE-C	G5	S2	T
<i>Juncus biflorus</i>	Large Grass-leaved Rush	BRON-C NASS-C RICH-C SUFF-C	G5	S1	E
<i>Juncus brachycarpus</i>	Short-fruited 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 dichotomus</i>	Forked Rush	ALBA-P BRON-P CAYU-C ESSE-P KING-C NASS-P ONEI-P ORAN-C PUTN-C QUEE-C SUFF-C	G5	S2	U
<i>Juncus ensifolius</i> var. <i>ensifolius</i>	Ensiform Rush	DELA-C SULL-C	G5	S1	E
<i>Juncus ranarius</i>	Seaside Toad Rush	NASS-P	G5	SH	E
<i>Juncus scirpoides</i> var. <i>scirpoides</i>	Sedge Rush	BRON-P NASS-P OTSE-? QUEE-C RICH-C SUFF-C	G5TNR	S1	E
<i>Juncus stygius</i> var. <i>americanus</i>	Moor Rush	ESSE-P HERK-P JEFF-P	G5T5	SH	E



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<i>Juncus subcaudatus</i>	Spreading 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>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>Kalmia procumbens</i>	Alpine Azalea	ESSE-C	G5	S1	E
<i>Kosteletzkya pentacarpos</i> var. <i>pentacarpos</i>	Saltmarsh Mallow	NASS-X	G5TNR	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
<i>Lactuca hirsuta</i>	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
<i>Lathyrus venosus</i>	Rough Veiny Vetchling	LIVI-C	G5	S1	E
<i>Lechea pulchella</i>	Leggett's Pinweed	BRON-P CLIN-C DUTC-C NASS-C RICH-? SUFF-C WEST-?	G5	S1	E
<i>Lechea tenuifolia</i>	Slender Pinweed	BRON-P NASS-C ORAN-C SUFF-C WEST-C	G5	S2	T
<i>Lemna perpusilla</i>	Minute Duckweed	BRON-P CLIN-P CORT-P KING-C MONR-? NEWY-? OSWE-C QUEE-P RENS-? RICH-X ROCK-? SUFF-C TOMP-C WEST-P	G5	S1	E
<i>Lemna turionifera</i>	Turion Duckweed	GREE-C MONR-P ULST-C	G5	S1S3	U
<i>Lemna valdiviana</i>	Pale Duckweed	NASS-C QUEE-C RICH-? SUFF-P	G5	S1	E
<i>Lespedeza angustifolia</i>	Narrow-leaved Bush Clover	NASS-C SUFF-C WEST-P	G5	S2	T
<i>Lespedeza stuevei</i>	Velvety Bush Clover	ERIE-? NASS-P RICH-C SCHE-? SUFF-C TIOG-P ULST-P WASH-P WEST-P	G4?	S2	T
<i>Liatris cylindracea</i>	Slender Blazing Star	NIAG-C	G5	S1	E
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	Nieuwland's Blazing Star	CHEM-C	G5?T3T5	S1	E



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<i>Liatris scariosa</i> var. <i>novae-angliae</i>	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
<i>Ligusticum scoticum</i> ssp. <i>scoticum</i>	Scotch Lovage	SUFF-C	G5T4T5	S1	E
<i>Lilaeopsis chinensis</i>	Eastern Grasswort	BRON-? NASS-P NEWY-? ORAN-C RICH-? ROCK-C SUFF-C WEST-P	G5	S2	T
<i>Lilium michiganense</i>	Michigan Lily	JEFF-C MONR-C ONON-C STLA-C	G5	S1	E
<i>Linum intercursum</i>	Sandplain Wild Flax	NASS-P SUFF-C	G4	S2	T
<i>Linum medium</i> var. <i>texanum</i>	Southern Yellow Flax	BRON-X DUTC-C NASS-P 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 COLU-C 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>Lithospermum croceum</i>	Golden Puccoon	GENE-P MONR-P ONON-?	G4G5T4T5	SH	E
<i>Lithospermum latifolium</i>	American Gromwell	ALBA-P CATT-P CAYU-P ERIE-P GENE-C MONR-P ONON-C ONTA-C TOMP-C YATE-P	G4	S2	U
<i>Lithospermum parviflorum</i>	Shaggy Marbleseed	CAYU-P CHEM-P ERIE-P HERK-P LIVI-P MADI-P NIAG-P ONON-P ONTA-P SCHU-P TOMP-P	G4G5T4	SH	U
<i>Lithospermum 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>Littorella americana</i>	American Shore Grass	CHAU-P CLIN-P HAMI-P	G5	SH	E
<i>Lobelia spicata</i> var. <i>hirtella</i>	Bristly Spiked Lobelia	CHAU-P CHEM-P OSWE-P	G5T4T5	SH	U
<i>Ludwigia sphaerocarpa</i>	Globe-fruited Ludwigia	NASS-C QUEE-P RICH-P SUFF-C ULST-C WEST-P	G5	S2	T



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<i>Luzula spicata</i> ssp. <i>spicata</i>	Spiked Woodrush	ESSE-C	G5TNR	S1	E
<i>Lycopodiella alopecuroides</i>	Foxtail Bog Clubmoss	KING-X NASS-X SUFF-C	G5	S2?	U
<i>Lycopus amplexans</i>	Clasping Bugleweed	NASS-P SUFF-C	G5	S2	T
<i>Lycopus rubellus</i>	Stalked Bugleweed	ALBA-P BRON-P DUTC-C ERIE-P FRAN-P GREE-C HERK-? KING-X MADI-P NASS-P NEWY-X NIAG-P ORAN-C PUTN-C QUEE-P RICH-? SARA-P SUFF-C WEST-P	G5	S1	E
<i>Lygodium palmatum</i>	Climbing Fern	CHEN-P GREE-P ONEI-C ONON-P RICH-C SARA-C SUFF-P	G4	S1	E
<i>Lysimachia hybrida</i>	Lowland Yellow 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
<i>Lysimachia quadriflora</i>	Four-flowered Loosestrife	ERIE-C NIAG-C	G5?	S1	E
<i>Lythrum lineare</i>	Saltmarsh Loosestrife	SUFF-C	G5	S1	E
<i>Magnolia virginiana</i> var. <i>virginiana</i>	Sweetbay Magnolia	BRON-X KING-X NASS-C QUEE-X RICH-C SUFF-C WEST-P	G5TNR	S1	E
<i>Malaxis bayardii</i>	Bayard's Adder's Mouth	ALBA-C NASS-P ORAN-P RICH-P SUFF-P	G1G2	S1	E
<i>Melanthium hybridum</i>	Slender Bunchflower	NASS-X ORAN-X QUEE-X RICH-? ROCK-? WEST-X	G5	SX	U
<i>Melanthium virginicum</i>	Virginia Bunchflower	NASS-P ORAN-P RICH-P ROCK-P SUFF-? WEST-?	G5	SH	E
<i>Micranthemum micranthemoides</i>	Nuttall's Micranthemum	DUTC-X	GH	SX	U
<i>Monarda clinopodia</i>	Basilbalm	CATT-C CAYU-P CHAU-P CHEM-P ERIE-P GENE-P LIVI-P MONR-P NIAG-P ONTA-C STEU-P TIOG-P TOMP-P ULST-? WEST-? WYOM-P YATE-?	G5	S1	E
<i>Monarda media</i>	Purple Wild Bergamot	ALBA-P CATT-C CHEM-P ERIE-P ESSE-P LEWI-P MONR-P ONON-P TOMP-P ULST-P	G4?	S1	U
<i>Monarda punctata</i> var. <i>punctata</i>	Dotted Horse Mint	ERIE-C JEFF-P RICH-P SARA-P SUFF-C	G5T5?	S1	U



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<i>Muhlenbergia capillaris</i>	Hairy-awned Muhly	NIAG-? SUFF-X	G5	SX	U
<i>Myriophyllum alterniflorum</i>	Alternate-flowered Water Milfoil	CLIN-C ESSE-C FULT-P JEFF-P PUTN-P QUEE-? STLA-P WARR-C	G5	S2	T
<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil	CLIN-P ESSE-P FRAN-P FULT-P HAMI-C HERK-C ONEI-P ONON-? RENS-C STLA-C SUFF-? SULL-P	G5	S2	T
<i>Myriophyllum pinnatum</i>	Green Parrot's Feather	NASS-P ORAN-P QUEE-? ROCK-P SUFF-C WARR-? WASH-?	G5	S1	E
<i>Myriopteris lanosa</i>	Woolly Lip Fern	BRON-X DUTC-X NASS-? NEWY-X ROCK-X ULST-P WEST-X	G5	SH	E
<i>Nabalus bootii</i>	Boott's Rattlesnake Root	ESSE-C	G2	S1	E
<i>Nabalus crepidineus</i>	Nodding Rattlesnake Root	CATT-P ERIE-P	G4	SH	E
<i>Nabalus racemosus</i>	Glaucous Rattlesnake Root	KING-X NASS-X ROCK-X WEST-X	G5	SX	U
<i>Najas marina</i>	Spiny Water Nymph	CAYU-P MONR-P ONON-X SENE-C WAYN-P	G5	S1	E
<i>Najas 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	G5T2	S2	E
<i>Najas olivacea</i>	Southern Water Nymph	CAYU-P SENE-C	G5T4?	S1	E
<i>Neottia auriculata</i>	Auricled Twayblade	LEWI-P WARR-C	G3G4	S1	E
<i>Neottia bifolia</i>	Southern Twayblade	CATT-P CAYU-P CHEN-C CORT-C ERIE-P FRAN-C 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>Neottia 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>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 nutans</i>	Mountain Evening Primrose	ALLE-P CAYU-P CHEN-P DELA-P ESSE-P GREE-P NASS-P ONON-P SCHU-P SENE-P STLA-P TIOG-P TOMP-P WASH-P	G4	SH	U



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<i>Oenothera oakesiana</i>	Oakes' Evening Primrose	CAYU-? FULT-P NASS-C ONTA-P QUEE-C RICH-C SUFF-C WARR-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>Omalotheca sylvatica</i>	Woodland Cudweed	HERK-C WYOM-C	G4	S1	E
<i>Ophioglossum pusillum</i>	Northern Adder's Tongue	ALBA-P BRON-P CATT-P CAYU-P CHAU-P CHEM-P CHEN-P CORT-P DELA-P DUTC-P ESSE-P FRAN-C FULT-P HAMI-C HERK-P JEFF-C LEWI-P LIVI-P MADI-P MONR-P NASS-P ONEI-P ONON-P OSWE-P RENS-P SARA-P SCHE-P SCHU-P STEU-P STLA-C SUFF-P TIOG-P TOMP-P ULST-P WARR-P WASH-P WAYN-P	G5	S2	EV
<i>Opuntia cespitosa</i>	Prickly Pear	DUTC-P ORAN-P ULST-C	GNR	S1	U
<i>Oreojuncus trifidus</i>	Arctic Rush	ESSE-C ULST-C	G5	S2	T
<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-C WEST-P	G5	S2	T
<i>Oxalis violacea</i>	Violet Wood Sorrel	ALBA-C BRON-P CATT-P CHEM-P COLU-P DUTC-P NASS-P ORAN-C PUTN-C QUEE-P RENS-C RICH-X ROCK-C SUFF-C TIOG-P ULST-C WEST-C	G5	S2S3	T
<i>Oxybasis rubra</i> var. <i>rubra</i>	Red Pigweed	BRON-P CAYU-? KING-C MONR-P NASS-C NEWY-? ONEI-? ONON-X RENS-? RICH-? SENE-? STLA-? SUFF-C TOMP-? WEST-P	G5	S2	T
<i>Oxypolis rigidior</i>	Stiff Cowbane	KING-P NASS-P QUEE-P RICH-P ROCK-? SUFF-P TIOG-?	G5	SH	E
<i>Parnassia palustris</i>	Marsh Grass-of-Parnassus	UNKN-X	G5	SX	U
<i>Paronychia fastigiata</i> var. <i>nuttallii</i>	Nuttall's Forked Chickweed	RENS-P	G5T3T5	SH	U
<i>Paspalum laeve</i>	Field Beadgrass	BRON-C RICH-P SUFF-C WEST-P	G4G5	S2	E



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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	S2S3	T
Pellaea glabella ssp. glabella	Smooth Cliff Brake	ALBA-C COLU-C DUTC-P ESSE-C GENE-P JEFF-P LEWI-P NIAG-C RICH-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	E
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 HAMI-P LEWI-C MADI-P ONEI-P ONON-? PUTN-C RENS-P SARA-P TOMP-P	G5T4T5	S1S2	E
Phlox pilosa ssp. pilosa	Downy Phlox	CHAU-? NIAG-X STLA-P	G5T5	SH	E
Phoradendron leucarpum	American Mistletoe	RICH-X	G5	SX	U
Physalis virginiana var. virginiana	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
Pinguicula vulgaris	Butterwort	CHAU-P DELA-P LIVI-C MONR-P TOMP-C WYOM-C	G5	S1S2	T



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<i>Pinus echinata</i>	Shortleaf Pine	ALBA-? RICH-C SUFF-X WEST-?	G5	S1	E
<i>Pinus virginiana</i>	Virginia Pine	NASS-P RICH-C SUFF-? WEST-P	G5	S1	E
<i>Piptatheropsis canadensis</i>	Canada Rice Grass	ESSE-P FRAN-C STLA-C	G5	S2	T
<i>Piptochaetium avenaceum</i>	Black-seeded Spear Grass	BRON-P ORAN-C PUTN-P RICH-P SUFF-C WEST-C	G5	S1S2	U
<i>Plantago maritima</i> var. <i>juncooides</i>	Seaside Plantain	NASS-P NEWY-X QUEE-C SUFF-C	G5T5	S2S3	T
<i>Platanthera ciliaris</i>	Orange Fringed Orchid	ALBA-P KING-X MONR-P NASS-P NEWY-X ONEI-P ONON-P OSWE-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>	Orange Crested Orchid	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	G2G3	SH	E
<i>Poa cuspidata</i>	Early Blue Grass	MONR-C NEWY-P RICH-P YATE-P	G5	S1	E
<i>Poa glauca</i> ssp. <i>glauca</i>	Glaucous Blue Grass	ESSE-C	G5T5	S1	E
<i>Poa interior</i>	Interior Blue Grass	ESSE-P	G5T4T5	SH	E
<i>Poa laxa</i> ssp. <i>fernaldiana</i>	Fernald's Blue Grass	ESSE-C	G5?T3	S1	E
<i>Poa paludigena</i>	Slender Marsh Blue Grass	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>	Forest Blue Grass	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



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Podostemum ceratophyllum	Riverweed	CLIN-C DELA-C ESSE-C FRAN-C JEFF-P ONEI-? ORAN-C OTSE-C STLA-C SUFF-P SULL-P ULST-C	G5	S2S3	T
Polemonium vanbruntiae	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
Polygala brevifolia	Short-leaved Milkwort	UNKN-X	G4G5	SX	U
Polygala incarnata	Pink Milkwort	NASS-X NEWY-X NIAG-X SUFF-X	G5	SX	U
Polygala lutea	Orange Milkwort	DUTC-? NASS-X QUEE-X RICH-X SUFF-C WEST-?	G5	S1	E
Polygala mariana	Maryland Milkwort	SUFF-X	G5	SX	U
Polygala nuttallii	Nuttall's Milkwort	KING-P NASS-C ORAN-C RICH-P SUFF-C	G5	S2	T
Polygonum buxiforme	Small's Knotweed	ALBA-P CHAU-C CORT-C ERIE-P LIVI-P MADI-P ONEI-P ONON-P RENS-C SCHE-P SUFF-C WARR-P WASH-P	G5	S1S2	E
Polygonum douglasii	Douglas' Knotweed	ESSE-C JEFF-C SARA-P STLA-P ULST-P WARR-C WASH-C WEST-P	G5	S1S2	T
Polygonum glaucum	Seabeach Knotweed	KING-C NASS-C QUEE-C SUFF-C WEST-P	G3	S3	R
Polystichum lonchitis	Holly Fern	CATT-P	G5	SH	E
Populus heterophylla	Swamp Cottonwood	DUTC-C NASS-P NEWY-? PUTN-? RICH-C SUFF-C ULST-C	G5	S2	T
Potamogeton alpinus	Red 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	S1S2	T
Potamogeton diversifolius	Southern Snailseed 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-C WYOM-C	G5	S1	E



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Potamogeton hillii	Hill's Pondweed	CHAU-C COLU-P DUTC-P ESSE-C JEFF-C LEWI-C PUTN-? STLA-C TOMP-P WARR-C WASH-C	G3	S2	T
Potamogeton pulcher	Spotted Pondweed	BRON-P COLU-P DUTC-C KING-X NASS-P 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-leaved 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 anserina ssp. pacifica	Coastal Silverweed	RICH-P SUFF-C	G5TNR	S2	T
Potentilla supina ssp. paradoxa	Bushy Cinquefoil	CAYU-C CHAU-C ERIE-? MONR-P NIAG-C WAYN-P	G5	S1	E
Primula meadia	Eastern Shooting Star	STEU-X	G5	SX	U
Primula mistassinica	Bird's Eye Primrose	JEFF-C LEWI-C LIVI-C ONEI-C OSWE-C SCHU-C 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 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	Great Lakes Sand Cherry	CLIN-C HAMI-C JEFF-C OSWE-C	G5T4	S1	E
Pseudognaphalium micradenium	Catfoot	ONEI-? ROCK-? SUFF-P TOMP-?	G4G5T3?	SH	E
Pseudocyclopediella caroliniana	Carolina Clubmoss	NASS-C SUFF-C WARR-C WASH-C	G5T4	S1	E
Ptelea trifoliata var. trifoliata	Wafer Ash	CATT-C CHAU-C CHEM-? ERIE-C LIVI-P MONR-P NIAG-P TOMP-? WYOM-P	G5T5	S1S2	E
Pteridium aquilinum ssp. pseudocaudatum	Southeastern Bracken	SUFF-P	G5T5	SH	E



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<i>Pterospora andromedea</i>	Pinedrops	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-?	G1G2	S1	E
<i>Pycnanthemum muticum</i>	Blunt Mountain Mint	BRON-? CHAU-P MONR-P NEWY-? ORAN-C RENS-? RICH-C SUFF-C TIOG-C WASH-P WEST-P	G5	S2S3	T
<i>Pycnanthemum torreyi</i>	Torrey's Mountain Mint	BRON-? DUTC-C NEWY-P RICH-P ROCK-C SUFF-? WEST-?	G2	S1	E
<i>Pycnanthemum verticillatum</i> var. <i>verticillatum</i>	Whorled Mountain Mint	ALBA-P CHEN-P DELA-C DUTC-C GENE-P HERK-P MONR-P ONEI-C PUTN-C RENS-P RICH-C SARA-C STLA-C SUFF-C TOMP-P ULST-P	G5T5	S1S2	E
<i>Pyrola asarifolia</i> ssp. <i>asarifolia</i>	Pink Wintergreen	ERIE-P ESSE-C FRAN-P GENE-P GREE-P HERK-C JEFF-P LEWI-P MADI-P MONR-P ONEI-P ONON-P OTSE-? RENS-? STLA-C WARR-C WAYN-P WYOM-P YATE-P	G5T5	S2	T
<i>Pyrola minor</i>	Snowline Wintergreen	ESSE-C	G5	S1	E
<i>Pyxidantha barbulata</i>	Pyxies	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>	Shumard Oak	NIAG-C	G5	S1	E
<i>Ranunculus ambigens</i>	American Spearwort	ALBA-P CATT-C CHAU-P CHEM-P COLU-P ONEI-P ORAN-P OSWE-P RENS-P ROCK-C STEU-P SUFF-P ULST-P	G4	S1S2	U
<i>Ranunculus cymbalaria</i>	Seaside Crowfoot	CAYU-C ONON-X QUEE-P SENE-P SUFF-P WAYN-P	G5	SH	E
<i>Ranunculus pusillus</i>	Spearwort	BROO-? NASS-X NEWY-? ONON-X RICH-X WEST-?	G5	SX	U



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Ranunculus septentrionalis	Southern Swamp Buttercup	BRON-P CATT-P CHAU-P COLU-C DELA-P KING-? ORAN-C ORLE-P RICH-P STLA-P SULL-C TOMP-P ULST-P WARR-P WYOM-P	GNR	S1	E
Rhexia mariana var. mariana	Meadow Beauty	KING-X QUEE-X SUFF-X	G5T5	SX	U
Rhinanthus minor ssp. groenlandicus	Arctic Yellow Rattle	ESSE-C	G5T5?	S1	U
Rhodiola integrifolia ssp. leedyi	Leedy's Roseroot	SCHU-C YATE-C	G5T1	S1	E
Rhodiola rosea	Common Roseroot	GREE-C MADI-C ORAN-C ULST-C	G5	S1	E
Rhododendron canadense	Rhodora	ESSE-P FRAN-C HERK-P LEWI-P ONEI-C ORAN-C PUTN-P RENS-X STLA-C ULST-C WARR-P	G5	S2	T
Rhododendron lapponicum	Lapland Rosebay	ESSE-C	G5	S2	E
Rhynchospora cephalantha	Bunched Beak Sedge	SUFF-X WEST-X	G5	SX	U
Rhynchospora chalarocephala	Loose-headed Beak Sedge	SUFF-X	G5	SX	U
Rhynchospora inundata	Horned Beak Sedge	SUFF-C	G4?	S1	T
Rhynchospora macrostachya	Tall Beak Sedge	SUFF-C	G4	S2	R
Rhynchospora nitens	Short-beaked Beak Sedge	SUFF-C	G4?	S2	T
Rhynchospora pallida	Pale Beak Sedge	SUFF-P	G3	SH	E
Rhynchospora recognita	Globe Beak Sedge	ORAN-X PUTN-X SUFF-X	G5?	SX	U
Rhynchospora scirpoides	Long-beaked Beak Sedge	SUFF-C WEST-C	G4	S2	R
Rhynchospora torreyana	Torrey's Beak Sedge	SUFF-X	G4	SX	U
Rorippa aquatica	Lake Cress	CATT-P CAYU-P CORT-C ERIE-P ESSE-P GENE-P HAMI-P HERK-P JEFF-C MADI-P NLAG-C ONEI-P ONON-C ONTA-P OSWE-P SARA-P SENE-P STLA-C WASH-C WAYN-P	G4?	S2	T
Rosa acicularis ssp. sayi	Prickly Rose	CLIN-? ESSE-C GENE-P WARR-P WASH-C	G5T5	S1	E
Rotala ramosior	Tooth Cup	ALBA-? KING-? NASS-P ORAN-C PUTN-C QUEE-P RICH-P SUFF-C ULST-P	G5	S2	T



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<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 MONR-P NASS-C NEWY-P QUEE-P SENE-P STEU-P SUFF-C TOMP-? WAYN-P	G5	S1	E
<i>Rumex hastatulus</i>	Heart Sorrel	NASS-P ONON-? PUTN-P STLA-P SUFF-P	G5	SH	E
<i>Rumex pallidus</i>	White Dock	OSWE-P	G4	SH	U
<i>Rumex persicarioides</i>	Seaside Dock	SUFF-P	G3?Q	SH	E
<i>Sabatia angularis</i>	Rose Pink	NEWY-X QUEE-X RICH-C WEST-X	G5	S1	E
<i>Sabatia campanulata</i>	Slender Marsh Pink	KING-? NASS-P NEWY-? ONON-X 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-X NASS-C QUEE-X RICH-P SUFF-C	G5	S2	T
<i>Sabulina caroliniana</i>	Pine-barren Sandwort	RICH-? SUFF-C	G5	S2	R
<i>Sagina decumbens</i> ssp. <i>decumbens</i>	Trailing Pearlwort	NASS-? NEWY-? RICH-? SUFF-C ULST-C	G5T5	S1	E
<i>Sagittaria filiformis</i>	Narrow-leaved Arrowhead	TIOG-X	G4G5	SX	U
<i>Sagittaria montevidensis</i> ssp. <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-leaved Arrowhead	SUFF-C	G3	S1	E
<i>Salicornia bigelovii</i>	Dwarf Glasswort	BRON-P NASS-P QUEE-P RICH-P SUFF-C WEST-P	G5	S2S3	T
<i>Salix cordata</i>	Sand Dune Willow	JEFF-C OSWE-C	G4	S2	T
<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-leaved Sage	ULST-P WEST-P	G5	SH	E



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<i>Sanicula canadensis</i> var. <i>grandis</i>	Big-fruited Canada Sanicle	JEFF-P	G5T3T5	SH	U
<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	G5T5	S1	E
<i>Saxifraga paniculata</i> ssp. <i>paniculata</i>	White Mountain Saxifrage	ESSE-C	G5TNR	S1	E
<i>Schizaea pusilla</i>	Curlygrass Fern	SUFF-C	G3G4	S1	E
<i>Schoenoplectiella smithii</i> var. <i>setosa</i>	Smith's Bristly Bulrush	FULT-C JEFF-P WARR-P WASH-P	G5?TNR	S1	U
<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	S2	E
<i>Schoenoplectus torreyi</i>	Torrey's Bulrush	CLIN-C COLU-P ESSE-P HAMI-P LEWI-P NASS-P SARA-P STLA-C SUFF-P SULL-P TIOG-P WARR-P WASH-P	G5?	S1S2	U
<i>Schwalbea americana</i>	Chaffseed	ALBA-X	G2G3	SX	U
<i>Scirpus ancistrochaetus</i>	Northeastern Bulrush	STEU-C WASH-X	G3	S1	E
<i>Scirpus georgianus</i>	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	S1S2	E
<i>Scirpus longii</i>	Long's Bulrush	QUEE-X	G2G3	SX	U
<i>Scleria minor</i>	Slender Nut Sedge	NASS-P RICH-? SUFF-C	G4	S1	E
<i>Scleria muehlenbergii</i>	Muhlenberg's Nut Sedge	NASS-P QUEE-P SUFF-C	G5	S1	E
<i>Scleria pauciflora</i>	Few-flowered Nut Sedge	DUTC-P NASS-C QUEE-X SUFF-C WEST-P	G5	S1	E
<i>Scleria reticularis</i>	Reticulated Nut Sedge	GENE-P NASS-X QUEE-X SUFF-C WEST-?	G4	S2	R
<i>Scleria triglomerata</i>	Whip Nut Sedge	ALBA-P BRON-P NASS-C NEWY-? ONEI-P QUEE-P RICH-P SUFF-C WARR-C	G5	S1	E



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<i>Scleria verticillata</i>	Low Nut Sedge	GENE-C MONR-C NASS-P ONTA-P QUEE-P SCHU-P SENE-C SUFF-?	G5	S1	E
<i>Scutellaria elliptica</i> var. <i>elliptica</i>	Hairy Skullcap	BRON-? DUTC-? KING-X NASS-X NEWY-X QUEE-X RICH-X WEST-X	G5T5	SX	U
<i>Scutellaria incana</i> var. <i>incana</i>	Hoary Skullcap	CATT-P	G5T5	SH	E
<i>Scutellaria integrifolia</i>	Hyssop Skullcap	BRON-P NASS-P ORAN-C RICH-P ROCK-P SUFF-? ULST-C WEST-P	G5	S1	E
<i>Scutellaria nervosa</i>	Veined Skullcap	ALBA-? DUTC-X YATE-?	G5	SX	U
<i>Scutellaria parvula</i> var. <i>missouriensis</i>	Leonard's Skullcap	ERIE-C GREE-P JEFF-C NASS-P NIAG-P RENS-P WASH-P	G4T4	S1	U
<i>Scutellaria serrata</i>	Showy Skullcap	BRON-X NEWY-X WEST-X	G4G5	SX	U
<i>Selaginella eclipes</i>	Hidden Spike Moss	DUTC-C ERIE-P STLA-C	G4	S1	E
<i>Senecio suaveolens</i>	Sweet-scented Indian Plantain	BROO-C CATT-C CHEM-C CHEN-C GENE-P LIVI-C MONR-P ONON-P TIOG-P	G4	S1	E
<i>Sericocarpus linifolius</i>	Flax-leaf Whitetop	BRON-X NASS-C NEWY-X QUEE-X RICH-X SUFF-C WEST-X	G5	S2	T
<i>Sesuvium maritimum</i>	Sea Purslane	SUFF-C	G5	S1	E
<i>Silene caroliniana</i> ssp. <i>pennsylvanica</i>	Wild Pink	BRON-C CAYU-? COLU-C DUTC-? NASS-C NEWY-? ONON-? QUEE-P RENS-? RICH-P ROCK-? SCHE-? SUFF-C WEST-C	G5T4T5	S2	T
<i>Sisyrinchium albidum</i>	Pale-flowered Blue-eyed Grass	CHEM-P OSWE-P	G5?	SH	U
<i>Sisyrinchium fuscatum</i>	Coastal Plain Blue-eyed Grass	NASS-C NEWY-X RICH-P SUFF-C	G5?	S1?	U
<i>Sisyrinchium mucronatum</i>	Sharp-tipped 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
<i>Smallanthus uvedalia</i>	Bear's Foot	CAYU-X CHAU-? ERIE-P ONON-? ONTA-P TOMP-P YATE-P	G4G5	SH	E
<i>Smilax lasioneura</i>	Midwestern Carrion Flower	BRON-P	G5	SH	U



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<i>Smilax pseudochina</i>	Coastal Carrion Flower	KING-P NASS-C RICH-P	G4G5	S1	E
<i>Smilax pulverulenta</i>	Powdery Carrion Flower	BRON-C NEWY-X RICH-C WEST-X	G4G5	S1	E
<i>Solidago houghtonii</i>	Houghton's Goldenrod	GENE-C ORLE-?	G3	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 mexicana</i>	Mexican Seaside Goldenrod	BRON-P DUTC-P KING-P NASS-P RICH-P SUFF-C WEST-P	G5T5?	S1	E
<i>Solidago ohioensis</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>Solidago racemosa</i>	Riverbank Goldenrod	ESSE-C WASH-P	G5T3?	S1	E
<i>Solidago randii</i>	Rand's Goldenrod	ESSE-C HAMI-C HERK-C WASH-C	G5T4	S2	T
<i>Solidago rigida</i> var. <i>rigida</i>	Stiff Flat-topped 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>Sparganium natans</i>	Small Bur-reed	ALBA-P CAYU-P CHEN-P CLIN-P CORT-P DUTC-? ESSE-C FRAN-C GREE-? HAMI-C JEFF-C LEWI-C MONR-P 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 Wedge Grass	BRON-P CHEM-P DUTC-C 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	G5T4T5	S2	E
<i>Spiranthes casei</i> var. <i>casei</i>	Case's Ladies' Tresses	CLIN-P CORT-C ESSE-P FRAN-P GENE-P HAMI-P HERK-P JEFF-P LEWI-P STLA-C WYOM-P	G4T4	S2	EV



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<i>Spiranthes magnicamporum</i>	Great Plains Ladies' Tresses	JEFF-C STLA-C	G4	S1	U
<i>Spiranthes ovalis</i> var. <i>erostellata</i>	Lesser Ladies' Tresses	STLA-C	G5?T4?	S1	U
<i>Spiranthes tuberosa</i>	Little Ladies' Tresses	BRON-C NASS-P NEWY-X QUEE-X SUFF-C ULST-P	G5	S2	EV
<i>Spiranthes vernalis</i>	Spring Ladies' Tresses	BRON-X DUTC-? NASS-P RICH-P SUFF-C	G5	S1S2	E
<i>Sporobolus clandestinus</i>	Hidden Dropseed	NASS-P QUEE-C SUFF-C WEST-?	G5	S1	E
<i>Sporobolus heterolepis</i>	Prairie Dropseed	ALBA-P GREE-P JEFF-C WARR-C	G5	S2	T
<i>Stachys arenicola</i>	Sand Hedge Nettle	CATT-P CORT-C GREE-C	G5T4?	S1	U
<i>Stachys hyssopifolia</i> var. <i>hyssopifolia</i>	Rough Hedge Nettle	ALBA-P BROO-P KING-P NASS-P QUEE-P RICH-X SCHE-X SUFF-C	G5T4T5	S2	T
<i>Stellaria longipes</i> ssp. <i>longipes</i>	Goldie's Starwort	JEFF-C RENS-? RICH-?	G5T5	S2	T
<i>Stenanthium leimanthoides</i>	Pinebarren Death Camas	NASS-X SUFF-C	G4Q	S1	U
<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>	Slender Pondweed	CAYU-C CHAU-P CHEM-P ERIE-P GENE-P JEFF-P LIVI-P MADI-P MONR-P NIAG-P ONON-C ONTA-P OSWE-P SENE-P STLA-P TOMP-P	G5	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 SUFF-C WEST-P	G5	S1S2	E
<i>Suaeda rolandii</i>	Roland's Sea Blite	KING-C NASS-P QUEE-C SUFF-C	G1G2	S1	E
<i>Subularia aquatica</i> ssp. <i>americana</i>	Water Axlwort	ESSE-P FRAN-P HAMI-P WARR-C WASH-P	G5T5	S1S2	E



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Symphyotrichum boreale	Northern Bog Aster	CAYU-C CLIN-P COLU-? CORT-P	G5	S2	T
		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-C WAYN-C WEST-P			
Symphyotrichum ciliolatum	Lindley's Aster	JEFF-C ONON-P STLA-C WASH-P	G5	S1	E
		WAYN-P			
Symphyotrichum concolor var. concolor	Eastern Silvery Aster	KING-X NASS-X QUEE-X RICH-X SUFF-C	G5T5	SH	E
Symphyotrichum lanceolatum var. interior	Small-headed Aster	BRON-P CATT-P CAYU-P CHEM-P	G5T5	SH	E
		ERIE-? MADI-P OTSE-P STLA-P			
		TOMP-P WAYN-P			
Symphyotrichum oolentangiense	Sky-blue Aster	CATT-P ERIE-P LIVI-C MONR-P	G5	S1	E
		NIAG-C ONEI-P OSWE-P			
Symphyotrichum subulatum var. subulatum	Annual Saltmarsh Aster	BRON-P CAYU-C KING-X NASS-P	G5	S2S3	T
		ONON-C PUTN-C QUEE-C RICH-P			
		ROCK-C SUFF-C WEST-P			
Symphyotrichum tenuifolium var. tenuifolium	Perennial Saltmarsh Aster	BRON-P KING-C NASS-C ONON-?	G5	S2	R
		QUEE-P RICH-P SUFF-C WEST-P			
Thalictrum venulosum	Veiny Meadow Rue	CLIN-C ESSE-C	G5	S1	E
Thaspium barbinode	Hairy-jointed Meadow Parsnip	CATT-P CHEM-P ERIE-P GENE-P	G5	S1	E
		NIAG-P SCHO-? STEU-P TIOG-P			
		ULST-C			
Tilia americana var. heterophylla	White Basswood	BROO-? CAYU-P CHEM-? LIVI-P	G5T5	SH	E
		MONR-P ONON-P ONTA-P TOMP-P			
Tipularia discolor	Cranefly Orchid	MONR-P NEWY-P ONON-? RICH-P SUFF-C	G4G5	S1	E
Tomostima reptans	Carolina Whitlow Grass	DUTC-C JEFF-C NEWY-P QUEE-? RICH-? SUFF-P WEST-?	G5	S2	T
Triantha glutinosa	Sticky False Asphodel	ERIE-P GENE-C ONON-P SARA-P WARR-C	G5	S1	E
Trichophorum cespitosum ssp. cespitosum	Deer's Hair Sedge	ESSE-C GENE-C MONR-P	G5	S2	T



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<i>Trichophorum clintonii</i>	Clinton's Club Sedge	ERIE-P HAMI-P LEWI-P SARA-P STLA-P WARR-C	G4	S1	E
<i>Trichostema setaceum</i>	Narrow-leaved Blue Curls	NASS-P RICH-P SUFF-C WEST-?	G5	S1	E
<i>Triglochin palustris</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 Trillium	CHAU-C MONR-C	G4G5	S1	E
<i>Triosteum angustifolium</i>	Lesser Horse Gentian	CORT-X NASS-X	G5	SX	U
<i>Triphora trianthophoros</i> ssp. <i>trianthophoros</i>	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	G3G4T3T4	S2	T
<i>Tripsacum dactyloides</i> var. <i>dactyloides</i>	Northern Gama Grass	BRON-C KING-X NASS-C NEWY-P ORAN-P QUEE-C RICH-C ROCK-P SUFF-C WEST-P	G5TNR	S2	T
<i>Trollius laxus</i>	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	G5T3	S3	R
<i>Ulmus thomasii</i>	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
<i>Utricularia juncea</i>	Rush Bladderwort	NASS-P SUFF-C ULST-?	G5	S1	E
<i>Utricularia radiata</i>	Small Floating Bladderwort	ALBA-P HAMI-C NASS-C ONON-X ORAN-C QUEE-P SARA-C SUFF-C SULL-C WARR-C WEST-C	G4	S2	T



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<i>Utricularia striata</i>	Fibrous Bladderwort	NASS-? SUFF-C	G4G5	S2	T
<i>Utricularia subulata</i>	Zigzag Bladderwort	ORAN-? RICH-C SUFF-C	G5	S2	R
<i>Uvularia puberula</i>	Pine Barren Bellwort	SUFF-C	G5	S1	E
<i>Vaccinium boreale</i>	Northern Lowbush Blueberry	CLIN-P ESSE-C FRAN-P GENE-P HAMI-P	G4	S2	T
<i>Vaccinium cespitosum</i>	Dwarf Bilberry	ESSE-C ONEI-? WARR-P	G5	S1	E
<i>Vahlodea atropurpurea</i>	Mountain Hair Grass	ESSE-X	G5	SX	U
<i>Valeriana uliginosa</i>	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-C OTSE-? WASH-P WAYN-P	G4Q	S1S2	E
<i>Valerianella chenopodiifolia</i>	Goosefoot Corn Salad	BROO-? CHEN-P ERIE-P GENE-P MONR-C NIAG-? ONEI-P ONON-P TIOG-? WAYN-?	G4	S1	E
<i>Valerianella umblicata</i>	Navel Corn Salad	CHEN-P GREE-P ONEI-P RENS-P	G4G5	SH	E
<i>Vernonia gigantea</i>	Tall Ironweed	CATT-P CHAU-C HERK-P LEWI-? MONR-? ONEI-P ULST-P WAYN-?	G5	S1	E
<i>Veronica serpyllifolia</i> ssp. <i>humifusa</i>	Northern Thyme-leaved Speedwell	SCHU-P SENE-P	G5T5?	SH	U
<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 OTSE-C PUTN-C QUEE-X RENS-C RICH-P ROCK-P SARA-P SCHO-P SCHU-C 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>	Southern Wild Raisin	DUTC-P KING-X NASS-P ONON-P QUEE-X RICH-C SUFF-C WEST-X	G5T5	S1	E



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<i>Viola bicolor</i>	Field Pansy	DUTC-P ERIE-P MONR-? NIAG-C ORAN-C	G5	S1	E
<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 GENE-C HAMI-P HERK-P JEFF-C MADI-P MONR-C ONEI-? ONON-P OTSE-C 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	G4	S1	E
<i>Viola pectinata</i>	Pectinate Violet	NASS-P RICH-P	G4G5T3?Q	SH	U
<i>Viola pedata</i> var. <i>pedata</i>	Bird's-foot Violet	ALBA-C BROO-? DUTC-? ERIE-P LEWI-? NASS-C NEWY-X ONEI-? QUEE-? RICH-P SARA-? SCHE-P SUFF-C WEST-?	G5TNR	S2	R
<i>Viola primulifolia</i> var. <i>primulifolia</i>	Primrose-leaved Violet	BRON-P NASS-C NEWY-? QUEE-P RICH-C STLA-P SUFF-C SULL-P ULST-P WARR-C WEST-P	G5TNR	S2	T
<i>Vitis vulpina</i>	Winter Grape	BRON-P NEWY-P ORAN-C QUEE-C RICH-C ROCK-C SCHO-C TIOG-P TOMP-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	G4G5	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 bracteicaulis</i>	Bracted Yellow-eyed Grass	SUFF-X	GX	SX	U
<i>Xyris smalliana</i>	Large Yellow-eyed Grass	NASS-X ORAN-P SUFF-C WEST-C	G5	S2	T
<i>Xyris torta</i>	Slender Yellow-eyed Grass	ALBA-P KING-X NASS-X OSWE-C QUEE-X RICH-X SUFF-C	G5	S2	U
<i>Zizania palustris</i> var. <i>interior</i>	Interior Wild Rice	JEFF-P	G4G5T4T5	SH	U



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Agalinis pauperula	Small-flowered Agalinis	CAYU-P CLIN-P ERIE-C JEFF-P MONR-P OSWE-C STLA-C WASH-P	G5	S3	U
Andropogon glomeratus var. glomeratus	Bushy Bluestem	BRON-P NASS-C RICH-P SUFF-C	G5T5	S3	U
Betula nigra	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	R
Bidens beckii	Beck's 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	G5	S3	U
Cakile edentula var. lacustris	American Sea Rocket	CAYU-P CHAU-P ERIE-P JEFF-C MONR-P NIAG-P OSWE-P WAYN-P	G5T3T5	S3	U
Calamagrostis pickeringii	Pickering's Reed Grass	ESSE-C FRAN-P HAMI-C HERK-C NASS-C STLA-C SUFF-C WARR-C	G5	S3	R
Carex amphibola	Ambiguous Sedge	ALBA-C BRON-P CATT-P CAYU-P COLU-P DUTC-C GREE-C NASS-P ONEI-P ORAN-C PUTN-C QUEE-P TIOG-? TOMP-P ULST-P	G5	S4	E
Carex atherodes	Wheat Sedge	CHAU-P COLU-P JEFF-C LEWI-C MONR-? ONEI-P STLA-C	G5	S3	R
Carex bicknellii	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	G5T5	S3	R
Carex bushii	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	R



2019 Rare Plant Status List - Watch List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
Carex cryptolepis	Small Yellow Sedge	ALBA-C CAYU-C CHAU-C CHEM-C	G4	S3	R
		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 emmonsii	Emmons' Sedge	BRON-P CAYU-P DUTC-P GREE-C	G5T5	S3	R
		MONR-? NASS-P NEWY-P ONEI-?			
		ONON-P ORAN-C OSWE-P PUTN-C			
		QUEE-P ROCK-C STLA-C SUFF-C			
		TOMP-P ULST-C WEST-P YATE-P			
Carex muehlenbergii var. enervis	Muhlenberg's Veinless Sedge	ALBA-P BRON-P CAYU-? CHEM-?	G5T5	S3	R
		DUTC-? MONR-? NASS-P NEWY-P			
		ONEI-P ORAN-C PUTN-P QUEE-P			
		RICH-? SUFF-P TIOG-P TOMP-P			
		WASH-? WEST-P			
Carex nigromarginata	Black-edge Sedge	MONR-P NASS-P ORAN-C SUFF-P	G5	S3	T
		WEST-P			
Carex retroflexa	Reflexed Sedge	ALBA-C BRON-P CAYU-C CHEM-C	G5	S4	T
		CLIN-P COLU-P DUTC-P ERIE-P			
		GREE-C HAMI-P LIVI-C MONR-C			
		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 TIOG-C TOMP-C			
		ULST-C WARR-C WASH-P WEST-P			
		YATE-P			
Celastrus scandens	American Bittersweet	ALBA-P BRON-P CAYU-P CORT-P	G5	S4	R
		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			



2019 Rare Plant Status List - Watch List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
<i>Ceratophyllum echinatum</i>	Prickly Hornwort	COLU-P DELA-C DUTC-C ESSE-P 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	G4?	S3	R
<i>Cirsium horridulum</i> var. <i>horridulum</i>	Yellow Thistle	BRON-X DELA-? KING-X NASS-X QUEE-X RICH-C SUFF-C	G5T5	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	R
<i>Cryptogramma stelleri</i>	Slender Cliffbrake	ALBA-C CLIN-C CORT-P ESSE-C FRAN-P GREE-P JEFF-C LEWI-P MADI-P MONT-P ONEI-P ONON-C SCHE-P SCHU-C STLA-C TOMP-P ULST-P WARR-P WASH-P YATE-P	G5	S4	EV
<i>Cuscuta compacta</i>	Sessile Dodder	KING-C NASS-C ORAN-C RICH-? ROCK-C SUFF-C WEST-P	G5	S3	R
<i>Cuscuta gronovii</i> var. <i>latiflora</i>	Broad-flowered Common Dodder	NASS-C SUFF-C	G5T5?Q	S3	U
<i>Cuscuta pentagona</i>	Five-angled 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	R
<i>Cyperus erythrorhizos</i>	Red-rooted Flat Sedge	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	R
<i>Cyperus houghtonii</i>	Houghton's Flat Sedge	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	R
<i>Cyperus odoratus</i>	Fragrant Flat Sedge	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	R



2019 Rare Plant Status List - Watch List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
Cyperus schweinitzii	Schweinitz's Flat Sedge	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
Cypripedium parviflorum var. makasin	Small Northern Yellow Lady's Slipper	ALBA-P BROO-P CATT-P CAYU-P CHEM-P CLIN-C COLU-P ERIE-C ESSE-C GENE-C HERK-C JEFF-C LEWI-C LIVI-C MADI-C MONR-C ONEI-P ONON-C ONTA-C ORLE-P OTSE-C RENS-P SARA-P SCHE-P STEU-P STLA-C TIOG-P TOMP-C ULST-P WARR-C WAYN-P WYOM-P	G5T4T5	S4	EV
Cypripedium parviflorum var. pubescens	Large Yellow Lady's Slipper	ALBA-C ALLE-C BROO-C CATT-C CAYU-P CHEM-P CHEN-P CLIN-C COLU-P CORT-P DELA-P DUTC-P ERIE-C ESSE-C FRAN-C GENE-C GREE-P HAMI-C HERK-C JEFF-C LEWI-C LIVI-P MADI-C MONR-P NIAG-C ONEI-P ONON-C ONTA-C ORAN-P ORLE-P OSWE-P OTSE-C PUTN-P RENS-C ROCK-P SARA-C SCHE-C SCHO-P STEU-C STLA-C SULL-C TIOG-P TOMP-C ULST-C WARR-C WASH-C WAYN-P WEST-P WYOM-P YATE-P	G5T5	S4	EV
Cypripedium reginae	Showy Lady's Slipper	ALBA-C ALLE-P BROO-P CATT-P CAYU-P CHAU-C CHEM-P CHEN-P CLIN-P COLU-P CORT-P ERIE-C ESSE-P FULT-C GENE-C HAMI-P HERK-C JEFF-C LEWI-C MADI-C MONR-P ONEI-C ONON-C ONTA-P ORAN-C OSWE-P OTSE-P RENS-P SARA-P SCHE-P SCHO-P SENE-P STEU-P STLA-C TOMP-C ULST-P WARR-P WASH-P WAYN-P WYOM-C YATE-P	G4G5	S3	EV
Eleocharis robbinsii	Robbins Spike Rush	ESSE-P FULT-C JEFF-C LEWI-C ORAN-? OSWE-P STLA-C SUFF-C	G4G5	S3	R
Eutrochium dubium	Coastal Plain Joe Pye Weed	BRON-C KING-C NASS-C QUEE-C RICH-P SUFF-C	G5	S3	U



2019 Rare Plant Status List - Watch List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
<i>Heteranthera reniformis</i>	Kidney-leaved Mud Plantain	ALBA-C COLU-C DUTC-C GREE-C ORAN-P RENS-C SUFF-C ULST-C	G5	S3	R
<i>Heuchera americana</i> var. <i>americana</i>	American Alumroot	BRON-P DUTC-P ORAN-C PUTN-P QUEE-? RENS-C RICH-? ROCK-P ULST-P WASH-P WEST-P	G5T5	S3	R
<i>Huperzia appressa</i>	Appalachian Firmoss	ESSE-C GREE-P ULST-P	G5	S3	R
<i>Hypericum ascyron</i> ssp. <i>pyramidatum</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-?	G4T4	S3	R
<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-C ALLE-C BRON-C BROO-C CATT-C CAYU-C CHAU-C CHEM-P CHEN-C CLIN-C COLU-C CORT-C DELA-C DUTC-C ERIE-C ESSE-P FRAN-C GENE-C GREE-P HAMI-P HERK-C JEFF-C LEWI-C LIVI-C MADI-C NASS-C NIAG-P ONEI-C ONON-C ONTA-C ORAN-C OSWE-C OTSE-C PUTN-C QUEE-P RENS-C RICH-P ROCK-C SARA-C SCHE-C SCHO-C SCHU-C STEU-C STLA-C SUFF-C SULL-P TIOG-C TOMP-C ULST-C WARR-P WASH-C WAYN-C WEST-C WYOM-C YATE-C	G4	S4	EV
<i>Lathyrus ochroleucus</i>	Pale Vetchling	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-?	G5	S3	R
<i>Lechea minor</i>	Thyme-leaved Pinweed	GREE-P NASS-P ORAN-C RICH-P ROCK-C SUFF-C WEST-P	G5	S3?	U
<i>Lechea racemulosa</i>	Illinois Pinweed	NASS-C NEWY-P ORAN-C PUTN-C QUEE-? RICH-? ROCK-C SUFF-C WEST-?	G5	S3	R



2019 Rare Plant Status List - Watch List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
<i>Lespedeza frutescens</i>	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
<i>Lespedeza repens</i>	Trailing Bush Clover	BRON-P CHEM-C NASS-C RENS-C RICH-C SARA-P SUFF-C TOMP-? ULST-P WEST-P	G5	S3	R
<i>Limosella australis</i>	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
<i>Linum striatum</i>	Stiff Yellow Flax	BRON-? CHAU-C NASS-C ORAN-P RICH-P STLA-C SUFF-C WARR-C WEST-C	G5	S3	R
<i>Lobelia nuttallii</i>	Nuttall's Lobelia	ALBA-P NASS-X QUEE-X SUFF-C ULST-C	G4G5	S3	R
<i>Lupinus perennis</i> ssp. <i>perennis</i>	Wild Lupine	ALBA-C BROO-P CAYU-C CHEM-C CHEN-P CLIN-P COLU-P DUTC-P ERIE-P GREE-C HAMI-C KING-P MONR-C NASS-P ONEI-C ONTA-C ORAN-P OSWE-C 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-C WASH-P WEST-P	G5T4?	S3	R
<i>Luzula bulbosa</i>	Hairy Wood Rush	GREE-C ORAN-? SUFF-C WARR-C	G5	S3	R
<i>Luzula echinata</i>	Spiny Wood Rush	BRON-P DUTC-P MONR-P NIAG-P ONEI-? ONON-? ORAN-? ROCK-P SUFF-C TOMP-P ULST-?	G5	S3	R
<i>Mimulus alatus</i>	Winged Monkey Flower	BRON-C DUTC-C GENE-C GREE-C NIAG-C ORAN-C ORLE-C RICH-C SULL-C ULST-C WEST-C	G5	S3	R
<i>Mononeuria glabra</i>	Appalachian Sandwort	GREE-C ORAN-P SULL-P ULST-C	G4	S3	R
<i>Mononeuria groenlandica</i>	Mountain Sandwort	ESSE-C HAMI-C ULST-C	G5	S3	R



2019 Rare Plant Status List - Watch List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
Neottia cordata var. cordata	Heart-leaved Twayblade	CATT-P CHEM-P CHEN-P ERIE-P ESSE-P GENE-P HAMI-C HERK-C LEWI-P MADI-P MONR-P ONEI-P ONON-P OSWE-P OTSE-P STLA-C SUFF-P ULST-P WARR-C	G5T5	S3S4	EV
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	R
Panax quinquefolius	American Ginseng	ALBA-C ALLE-C BROO-C CATT-C CAYU-C CHAU-C CHEM-C CHEN-C CLIN-C COLU-C CORT-C DELA-C DUTC-C ERIE-C ESSE-C FRAN-C FULT-C GENE-C GREE-C HAMI-C HERK-C JEFF-C LEWI-C LIVI-C MADI-C MONR-C MONT-C NIAG-C ONEI-C ONON-C ONTA-C ORAN-C ORLE-C OSWE-C OTSE-C PUTN-C RENS-C ROCK-C SARA-C SCHE-C SCHO-C SCHU-C SENE-C STEU-C STLA-C SULL-C TIOG-C TOMP-C ULST-C WARR-C WASH-C WAYN-C WEST-C WYOM-C YATE-C	G3G4	S4	V
Panicum amarum var. amarum	Dune Panic Grass	QUEE-C RICH-C SUFF-C	G5T5?	S3	R
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	R
Phragmites americanus	American Phragmites	CAYU-C FRAN-C GENE-C JEFF-C SENE-C STLA-C SUFF-C TIOG-P WASH-?	G5T4	S3	R
Pinus banksiana	Jack Pine	CLIN-C DUTC-C ESSE-P HAMI-P ONEI-? ORAN-C STLA-P WARR-P	G5	S3	R
Pityopsis falcata	Sickle-leaved Golden Aster	KING-C NASS-C QUEE-C RICH-C SUFF-C	G3G4	S3	U
Plantago cordata	Heart-leaved 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	R
Polygala cruciata	Cross-leaved Milkwort	KING-P NASS-P QUEE-P RICH-P SUFF-C	G5	S3	U



2019 Rare Plant Status List - Watch List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
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-C LIVI-P MADI-P MONT-? NASS-P NEWY-C 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	U
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	R
Ptilimnium capillaceum	Mock Bishopweed	BRON-P NASS-P RICH-P ROCK-C SUFF-C WEST-?	G5	S3	R
Quercus marilandica var. marilandica	Blackjack Oak	KING-C NASS-C RICH-C SUFF-C	G5T4T5	S3	R
Ranunculus micranthus	Small-flowered Crowfoot	BRON-P COLU-C ONEI-P ORAN-C PUTN-? RENS-P ROCK-C SUFF-P ULST-P WEST-P	G5	S3	R
Rhynchospora fusca	Sooty Beak Sedge	DUTC-? ESSE-P FRAN-C HAMI-P HERK-P KING-P ONEI-P OSWE-C ROCK-C STLA-C SUFF-C ULST-P WARR-P WEST-C	G4G5	S3S4	R
Sagittaria subulata	Strap-leaf Arrowhead	ALBA-P COLU-C DUTC-C GREE-C ORAN-C RENS-? ROCK-C ULST-C WEST-C	G4	S3	R
Scheuchzeria palustris	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
Schizachyrium littorale	Dune Bluestem	BRON-P KING-P NASS-C QUEE-P RICH-P SUFF-C	G5T5	S3	U



2019 Rare Plant Status List - Watch List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
Schoenoplectiella purshiana var. purshiana	Weak-stalked Bulrush	COLU-P ERIE-P GREE-P KING-P NASS-C ONEI-P ORAN-C RENS-C RICH-P ROCK-C SARA-P SUFF-C ULST-P WARR-C WASH-P WAYN-P WEST-P	G4G5T4T5	S3?	U
Schoenoplectiella smithii var. smithii	Smith's Bulrush	CAYU-P CLIN-P COLU-P DUTC-P GREE-C JEFF-P MADI-P ONEI-P ONON-P ORAN-C OSWE-P RENS-P SARA-P SENE-P STLA-C TOMP-P ULST-P WAYN-P	G5?TNR	S3	U
Scutellaria parvula var. parvula	Small Skullcap	ESSE-C JEFF-C NIAG-C STLA-C ULST-C	G4T4	S3	R
Solidago ptarmicoides	Upland Goldenrod	ALBA-P JEFF-C MONR-P NIAG-C RENS-C SARA-C STLA-C WASH-C	G5	S3	R
Sparganium fluctuans	Floating Bur-reed	CHEN-P CLIN-P ESSE-C FRAN-C FULT-P HAMI-P HERK-C LEWI-P ONEI-P OTSE-P RENS-P STLA-C SULL-C	G5	S3	U
Thelypteris simulata	Massachusetts Fern	BRON-X COLU-P DELA-P DUTC-P ESSE-P FULT-C HAMI-C HERK-P KING-X MADI-P NASS-P NEWY-X ONEI-P ONON-P ONTA-P ORAN-C OSWE-P QUEE-X RENS-P RICH-X STLA-P SUFF-C ULST-P WEST-P	G4G5	S3	EV
Toxicodendron rydbergii	Rydberg's Poison Ivy	ESSE-P JEFF-P LEWI-C OSWE-P RENS-C STLA-C	G5	S3	U
Trichostema brachiatum	False Pennyroyal	ALBA-C COLU-P DUTC-P JEFF-C NIAG-P RENS-C STLA-C ULST-P	G5	S3	R
Trillium cernuum	Nodding Trillium	ALBA-C BRON-P COLU-P CORT-P DUTC-P FRAN-C FULT-P MADI-P MONR-P NASS-P NIAG-P ONEI-P ONON-P ORAN-P ORLE-P OSWE-P OTSE-C QUEE-P RENS-P RICH-P ROCK-P SARA-C STLA-C SUFF-P TOMP-P WARR-C WASH-P WAYN-P WEST-P	G5	S3	EV



2019 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	R
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	R
Zostera marina	Eelgrass	KING-X NASS-X QUEE-X SUFF-C	G5	S3	U



2019 Rare Plant Status List - Native Pioneer Plant Watch List

Scientific Name	Common Name	Counties of Occurrence	Global Rank	State Rank	State Status
Juncus diffusissimus	Diffuse Rush	SUFF-C	G5	S1S3	U
Rubus pascuus	Chesapeake Blackberry	RICH-C	G2G4	S1	U



2019 Rare Plant Status Lists – Review List

This review list contains species that may be rare within New York, but more herbarium or field 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. We welcome and encourage anyone to submit comments about these species.

Scientific Name	Common Name	Need
<i>Alnus alnobetula</i> ssp. <i>crispa</i>	Green Alder	Field Work
<i>Arisaema triphyllum</i> ssp. <i>pusillum</i>	Small Jack-in-the-pulpit	Field Work
<i>Asclepias incarnata</i> ssp. <i>pulchra</i>	Eastern Swamp Milkweed	Field Work
<i>Calamagrostis canadensis</i> var. <i>langsдорffii</i>	Langsdorff's Bluejoint Grass	Herbarium
<i>Corallorhiza maculata</i> var. <i>occidentalis</i>	Early Spotted Coralroot	Herbarium
<i>Crataegus biltmoreana</i>	Biltmore Hawthorn	Herbarium
<i>Crataegus blanchardii</i>	Blanchard's Hawthorn	Herbarium
<i>Crataegus brainerdii</i>	Brainerd's Hawthorn	Herbarium
<i>Crataegus coccinioides</i>	Kansas Hawthorn	Herbarium
<i>Crataegus flabellata</i> var. <i>grayana</i>	Gray's Hawthorn	Herbarium
<i>Crataegus fulleriana</i>	Fuller's Hawthorn	Herbarium
<i>Crataegus intricata</i>	Entangled Hawthorn	Herbarium
<i>Crataegus scabrida</i>	Rough Hawthorn	Herbarium
<i>Crataegus suborbiculata</i>	Semi-orbicular-leaved Hawthorn	Herbarium
<i>Cyperus engelmannii</i>	Engelmann's Flat Sedge	Herbarium
<i>Dichanthelium annulum</i>	Ringed Rosette Grass	Herbarium
<i>Dichanthelium meridionale</i>	Southern Rosette Grass	Herbarium
<i>Dichanthelium villosissimum</i>	White-haired Rosette Grass	Herbarium
<i>Eleocharis compressa</i> var. <i>compressa</i>	Flat-stemmed Spike Rush	Herbarium
<i>Elymus macgregorii</i>	Early Wild Rye	Herbarium
<i>Fragaria virginiana</i> ssp. <i>glauca</i>	Northern Wild Strawberry	Herbarium
<i>Fragaria virginiana</i> ssp. <i>grayana</i>	Gray's Wild Strawberry	Herbarium
<i>Nabalus serpentarius</i>	Lion's Foot Rattlesnake Root	Field Work
<i>Oenothera fruticosa</i> ssp. <i>fruticosa</i>	Southern Sundrops	Herbarium
<i>Oenothera grandis</i>	Showy Evening Primrose	Herbarium
<i>Panicum tuckermanii</i>	Tuckerman's Witch Grass	Herbarium
<i>Phaseolus polystachios</i>	Wild Bean	Field Work
<i>Populus deltoides</i> ssp. <i>monilifera</i>	Plains Cottonwood	Herbarium
<i>Ranunculus flammula</i> var. <i>ovalis</i>	Wider-leaved Creeping Spearwort	Herbarium
<i>Ruppia maritima</i>	Widgeon Grass	Field Work
<i>Salix humilis</i> var. <i>tristis</i>	Dwarf Prairie Willow	Field Work
<i>Selaginella apoda</i>	Meadow Spikemoss	Herbarium
<i>Solidago rugosa</i> var. <i>aspera</i>	Southern Wrinkle-leaved Goldenrod	Herbarium
<i>Solidago rugosa</i> var. <i>sphagnophila</i>	Swamp Wrinkle-leaved Goldenrod	Herbarium
<i>Sparganium androcladum</i>	Large-fruited Bur-reed	Field Work
<i>Spiranthes lacera</i> var. <i>gracilis</i>	Southern Slender Ladies' Tresses	Herbarium



2019 Rare Plant Status Lists – Review List

Sporobolus cryptandrus	Sand Dropseed	Field Work
Stellaria alsine	Bog Starwort	Field Work
Veronica catenata	Chained Speedwell	Herbarium
Vicia americana var. americana	American Vetch	Field Work



2019 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 decemloba</i>												
Vegetative												
Flowering												
Fruiting												
<i>Agalinis maritima var. maritima</i>												
Vegetative												
Flowering												
Fruiting												
<i>Agalinis paupercula</i>												
Vegetative												
Flowering												
Fruiting												
<i>Agastache nepetoides</i>												
Vegetative												
Flowering												
Fruiting												
<i>Ageratina aromatica</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												
<i>Allium cernuum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Allium schoenoprasum</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Allium tricoccum</i> var. <i>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 muscitoxicum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Amphicarpum amphicarpon</i>												
Vegetative												
Flowering												
Fruiting												
<i>Andersonglossum boreale</i>												
Vegetative												
Flowering												
Fruiting												
<i>Andersonglossum virginianum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Andropogon glomeratus</i> var. <i>glomeratus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Anemone multifida</i> var. <i>multifida</i>												
Vegetative												
Flowering												
Fruiting												
<i>Angelica lucida</i>												
Vegetative												
Flowering												
Fruiting												
<i>Angelica venenosa</i>												
Vegetative												
Flowering												
Fruiting												
<i>Anthoxanthum monticola</i> ssp. <i>monticola</i>												
Vegetative												
Flowering												
Fruiting												
<i>Anticlea elegans</i> var. <i>glauca</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Aplectrum hyemale</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Arabis pycnocarpa</i> var. <i>adpressipilis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Aralia spinosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Arctostaphylos uva-ursi</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Aristida basiramea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Aristida geniculata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Aristida longespica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Arnica lanceolata</i> ssp. <i>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 verticillata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Asclepias viridiflora</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Asimina triloba</i>												
Vegetative												
Flowering												
Fruiting												
<i>Asplenium bradleyi</i>												
Vegetative												
Flowering												
Fruiting												
<i>Asplenium montanum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Asplenium pinnatifidum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Asplenium scolopendrium var. americanum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Asplenium viride</i>												
Vegetative												
Flowering												
Fruiting												
<i>Astragalus canadensis var. canadensis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Astragalus neglectus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Athyrium asplenioides</i>												
Vegetative												
Flowering												
Fruiting												
<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												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<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 eatonii</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												
<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>Borodinia dentata</i>												
Vegetative												
Flowering												
Fruiting												
<i>Borodinia missouriensis</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Botrychium campestre</i>												
Vegetative												
Flowering												
Fruiting												
<i>Botrychium minganense</i>												
Vegetative												
Flowering												
Fruiting												
<i>Botrychium neolunaria</i>												
Vegetative												
Flowering												
Fruiting												
<i>Botrychium oneidense</i>												
Vegetative												
Flowering												
Fruiting												
<i>Botrychium rugulosum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Botrychium tenebrosum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Bouteloua curtipendula</i> var. <i>curtipendula</i>												
Vegetative												
Flowering												
Fruiting												
<i>Bromus nottowayanus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Buchnera americana</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cakile edentula</i> var. <i>lacustris</i>												
Vegetative												
Flowering												
Fruiting												
<i>Calamagrostis canadensis</i> var. <i>macouniana</i>												
Vegetative												
Flowering												
Fruiting												
<i>Calamagrostis perplexa</i>												
Vegetative												
Flowering												
Fruiting												
<i>Calamagrostis pickeringii</i>												
Vegetative												
Flowering												
Fruiting												
<i>Calamagrostis porteri</i> ssp. <i>porteri</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Calamagrostis stricta</i> ssp. <i>inexpansa</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■			
<i>Calamagrostis stricta</i> ssp. <i>stricta</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■			
<i>Callitriche hermaphroditica</i>	Vegetative											
	Flowering											
	Fruiting								■	■		
<i>Callitriche terrestris</i>	Vegetative											
	Flowering											
	Fruiting						■	■	■	■		
<i>Calypso bulbosa</i> var. <i>americana</i>	Vegetative				■					■	■	
	Flowering					■						
	Fruiting						■					
<i>Campanula americana</i>	Vegetative											
	Flowering							■	■			
	Fruiting								■	■		
<i>Cardamine douglassii</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					■	■	■				
<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						■	■	■	■		



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Carex backii</i>	Vegetative											
	Flowering											
	Fruiting						■	■				
<i>Carex barrattii</i>	Vegetative											
	Flowering											
	Fruiting						■	■				
<i>Carex bicknellii</i>	Vegetative											
	Flowering											
	Fruiting							■	■			
<i>Carex bigelowii</i> ssp. <i>bigelowii</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							■	■			
<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						■	■				



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Carex cryptolepis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex cumulata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex davisii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex debilis var. debilis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex decomposita</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex echinodes</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex emmonsii</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											
<i>Carex gynocrates</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Carex haydenii</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<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 muehlenbergii var. enervis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Carex nigra</i>												
Vegetative												
Flowering												
Fruiting												
<i>Carex nigromarginata</i>												
Vegetative												
Flowering												
Fruiting												
<i>Carex polymorpha</i>												
Vegetative												
Flowering												
Fruiting												
<i>Carex retroflexa</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<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 ssp. scirpoidea</i>												
Vegetative												
Flowering												
Fruiting												
<i>Carex shortiana</i>												
Vegetative												
Flowering												
Fruiting												
<i>Carex straminea</i>												
Vegetative												
Flowering												
Fruiting												
<i>Carex striata</i>												
Vegetative												
Flowering												
Fruiting												
<i>Carex striatula</i>												
Vegetative												
Flowering												
Fruiting												
<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												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Carex vaginata</i>												
Vegetative												
Flowering												
Fruiting						■	■					
<i>Carex venusta</i>												
Vegetative												
Flowering												
Fruiting						■	■					
<i>Carex wiedandii</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							■	■	■	■		
<i>Cerastium velutinum var. velutinum</i>												
Vegetative												
Flowering				■	■	■	■	■				
Fruiting						■	■					
<i>Ceratophyllum echinatum</i>												
Vegetative												
Flowering						■	■					
Fruiting							■	■	■	■		
<i>Chaerophyllum procumbens var. 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									■	■		



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Chenopodium berlandieri</i> var. <i>macrocalycium</i>												
Vegetative												
Flowering							■	■	■			
Fruiting									■			
<i>Chenopodium foggii</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting									■	■		
<i>Chenopodium standleyanum</i>												
Vegetative												
Flowering						■	■	■	■			
Fruiting									■			
<i>Cirsium altissimum</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting									■	■		
<i>Cirsium horridulum</i> var. <i>horridulum</i>												
Vegetative												
Flowering							■	■	■	■		
Fruiting									■	■		
<i>Clematis ochroleuca</i>												
Vegetative												
Flowering					■	■	■	■				
Fruiting								■	■			
<i>Clinopodium arkansanum</i>												
Vegetative												
Flowering							■	■				
Fruiting								■	■			
<i>Clintonia umbellulata</i>												
Vegetative												
Flowering					■	■	■	■				
Fruiting							■	■	■			
<i>Clitoria mariana</i> var. <i>mariana</i>												
Vegetative												
Flowering						■	■	■				
Fruiting								■	■			
<i>Coleataenia anceps</i> ssp. <i>anceps</i>												
Vegetative												
Flowering												
Fruiting							■	■	■			
<i>Coleataenia stipitata</i>												
Vegetative												
Flowering												
Fruiting							■	■	■			
<i>Collinsia verna</i>												
Vegetative												
Flowering				■	■	■						
Fruiting												
<i>Commelina erecta</i>												
Vegetative												
Flowering							■	■				
Fruiting								■				
<i>Corallorhiza odontorhiza</i> var. <i>pringlei</i>												
Vegetative												
Flowering								■	■	■		
Fruiting									■	■		



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Corallorhiza striata</i> var. <i>striata</i>												
Vegetative												
Flowering												
Fruiting												
<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> ssp. <i>aurea</i>												
Vegetative												
Flowering												
Fruiting												
<i>Corydalis flavula</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crassula aquatica</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crataegus irrasa</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crataegus jesupii</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crataegus lumaria</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crataegus magniflora</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crataegus pennsylvanica</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crataegus persimilis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crataegus praecox</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Crataegus straminea</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crataegus uniflora</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crepidomanes intricatum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crocianthemum dumosum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crocianthemum propinquum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Crotalaria sagittalis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cryptogramma stelleri</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cuscuta campestris</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cuscuta cephalanthi</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cuscuta compacta</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cuscuta gronovii var. latiflora</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cuscuta obtusiflora var. glandulosa</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cuscuta pentagona</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cuscuta polygonorum</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Cyperus echinatus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cyperus erythrorhizos</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cyperus esculentus var. macrostachyus</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 polystachyos</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cyperus retrorsus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cyperus schweinitzii</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cyperus subsquarrosus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cyrtopodium arietinum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cyrtopodium candidum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cyrtopodium parviflorum var. makasin</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Cypripedium parviflorum</i> var. <i>parviflorum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cypripedium parviflorum</i> var. <i>pubescens</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cypripedium reginae</i>												
Vegetative												
Flowering												
Fruiting												
<i>Cystopteris protrusa</i>												
Vegetative												
Flowering												
Fruiting												
<i>Descurainia pinnata</i> ssp. <i>brachycarpa</i>												
Vegetative												
Flowering												
Fruiting												
<i>Desmodium ciliare</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>Diapensia lapponica</i>												
Vegetative												
Flowering												
Fruiting												
<i>Diarrhena obovata</i>												
Vegetative												
Flowering												
Fruiting												
<i>Dichantheium commonsianum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Dichantheium commutatum</i> ssp. <i>commutatum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Dichantheium leibergii</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Dichanthelium lucidum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Dichanthelium scoparium</i>												
Vegetative												
Flowering												
Fruiting												
<i>Dichanthelium wrightianum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Digitaria filiformis var. filiformis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Diospyros virginiana</i>												
Vegetative												
Flowering												
Fruiting												
<i>Diphasiastrum complanatum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Diphasiastrum sitchense</i>												
Vegetative												
Flowering												
Fruiting												
<i>Diplachne fusca ssp. fascicularis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Draba arabisans</i>												
Vegetative												
Flowering												
Fruiting												
<i>Draba glabella</i>												
Vegetative												
Flowering												
Fruiting												
<i>Dracocephalum parviflorum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Drosera filiformis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Dryopteris celsa</i>												
Vegetative												
Flowering												
Fruiting												
<i>Dryopteris fragrans</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Elatine americana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis aestuum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis ambigens</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 melanocarpa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis ovata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis quadrangulata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis quinqueflora</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis robbinsii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis tenuis var. pseudoptera</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis tortilis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eleocharis tricostata</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Eleocharis tuberculosa</i>												
Vegetative												
Flowering												
Fruiting												
<i>Eleocharis uniglumis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Ellisia nyctelea</i>												
Vegetative												
Flowering												
Fruiting												
<i>Elymus glaberrimus var. australis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Elymus virginicus var. halophilus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Empetrum atropurpureum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Empetrum nigrum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Endodeca serpentaria</i>												
Vegetative												
Flowering												
Fruiting												
<i>Enemion biternatum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Epilobium hornemannii ssp. hornemannii</i>												
Vegetative												
Flowering												
Fruiting												
<i>Equisetum palustre</i>												
Vegetative												
Flowering												
Fruiting												
<i>Equisetum pratense</i>												
Vegetative												
Flowering												
Fruiting												
<i>Erechtites hieraciifolius var. megalocarpus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Erigenia bulbosa</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Erigeron hyssopifolius</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Erigeron philadelphicus var. provancheri</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eriocaulon parkeri</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eryngium aquaticum var. aquaticum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Euonymus americanus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium leucolepis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium pubescens</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium resinatum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium rotundifolium</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium subvenosum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eupatorium torreyanum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Euphorbia ipecacuanhae</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eurybia radula</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Eurybia spectabilis</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Eutrochium dubium</i>	Vegetative												
	Flowering							■	■	■			
	Fruiting								■	■	■		
<i>Festuca saximontana var. saximontana</i>	Vegetative												
	Flowering						■	■					
	Fruiting						■	■					
<i>Fimbristylis castanea</i>	Vegetative												
	Flowering						■	■	■				
	Fruiting							■	■	■	■		
<i>Fimbristylis puberula var. puberula</i>	Vegetative												
	Flowering						■	■	■				
	Fruiting							■	■	■	■		
<i>Fraxera caroliniensis</i>	Vegetative					■	■	■	■	■			
	Flowering					■	■	■	■	■			
	Fruiting						■	■	■	■	■		
<i>Fraxinus profunda</i>	Vegetative												
	Flowering												
	Fruiting								■	■	■		
<i>Fuirena pumila</i>	Vegetative												
	Flowering							■	■				
	Fruiting								■	■	■		
<i>Fuirena squarrosa</i>	Vegetative												
	Flowering								■	■			
	Fruiting								■	■	■		
<i>Galium concinnum</i>	Vegetative					■	■	■	■	■			
	Flowering					■	■	■	■	■			
	Fruiting						■	■	■	■			
<i>Galium kamschaticum</i>	Vegetative					■	■	■	■	■			
	Flowering					■	■	■	■	■			
	Fruiting						■	■	■	■			
<i>Gamochaeta purpurea</i>	Vegetative												
	Flowering						■	■	■	■			
	Fruiting							■	■	■	■		
<i>Gaylussacia bigeloviana</i>	Vegetative												
	Flowering						■	■	■				
	Fruiting							■	■	■	■		
<i>Gentiana puberulenta</i>	Vegetative												
	Flowering									■	■		
	Fruiting										■	■	
<i>Gentiana saponaria</i>	Vegetative												
	Flowering									■	■		
	Fruiting										■	■	



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Gentianopsis virgata</i> ssp. <i>virgata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Geocaulon lividum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Geum macrophyllum</i> var. <i>macrophyllum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Geum triflorum</i> var. <i>triflorum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Geum virginianum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Gillenia stipulata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Glyceria obtusa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Glycyrrhiza lepidota</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Grapphophorum melicoides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Gratiola virginiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Gymnocladus dioica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hackelia deflexa</i> ssp. <i>americana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Halenia deflexa</i> ssp. <i>deflexa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Harrimanella hypnoides</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Hedeoma hispida</i>	Vegetative											
	Flowering						■	■				
	Fruiting						■	■	■			
<i>Helianthemum tenellum</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>Heuchera americana var. americana</i>	Vegetative			■	■	■	■	■	■			
	Flowering				■	■	■	■				
	Fruiting						■	■	■	■		
<i>Hippuris vulgaris</i>	Vegetative						■	■	■			
	Flowering							■	■			
	Fruiting								■	■		
<i>Hottonia inflata</i>	Vegetative			■	■	■	■	■	■	■	■	■
	Flowering				■	■	■					
	Fruiting						■	■	■			
<i>Houstonia canadensis</i>	Vegetative											
	Flowering						■	■	■			
	Fruiting							■	■	■	■	
<i>Houstonia purpurea var. calycosa</i>	Vegetative											
	Flowering						■	■	■			
	Fruiting							■	■	■		
<i>Houstonia purpurea var. purpurea</i>	Vegetative											
	Flowering						■	■	■			
	Fruiting							■	■	■	■	
<i>Humulus lupulus var. pubescens</i>	Vegetative											
	Flowering							■	■			
	Fruiting								■	■		
<i>Huperzia appressa</i>	Vegetative				■	■	■	■	■	■		
	Flowering											
	Fruiting							■	■	■	■	
<i>Huperzia selago</i>	Vegetative				■	■	■	■	■	■		
	Flowering											
	Fruiting							■	■	■		



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Hydrangea arborescens</i>	Vegetative											
	Flowering											
	Fruiting											
<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> var. <i>verticillata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hyloidesmum pauciflorum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hypericum adpressum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hypericum ascyron</i> ssp. <i>pyramidatum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hypericum densiflorum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hypericum denticulatum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hypericum kalmianum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hypericum prolificum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Hypericum stragulum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ipomoea pandurata</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Iris prismatica</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Iris virginica</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Isoetes lacustris</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Isoetes septentrionalis</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 biflorus</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Juncus brachycarpus</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Juncus debilis</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Juncus dichotomus</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Juncus diffusissimus</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Juncus ensifolius var. ensifolius</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Juncus ranarius</i>	Vegetative												
	Flowering												
	Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Juncus scirpoides</i> var. <i>scirpoides</i>												
Vegetative												
Flowering												
Fruiting												
<i>Juncus stygius</i> var. <i>americanus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Juncus subcaudatus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Juniperus horizontalis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Kalmia procumbens</i>												
Vegetative												
Flowering												
Fruiting												
<i>Kosteletzkya pentacarpos</i> var. <i>pentacarpos</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 minor</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lechea pulchella</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lechea racemulosa</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Lechea tenuifolia</i>	Vegetative											
	Flowering							█	█			
	Fruiting							█	█	█	█	
<i>Lemna perpusilla</i>	Vegetative				█	█	█	█	█	█	█	
	Flowering				█	█	█	█	█	█	█	
	Fruiting				█	█	█	█	█	█	█	
<i>Lemna turionifera</i>	Vegetative				█	█	█	█	█	█	█	
	Flowering				█	█	█	█	█	█	█	
	Fruiting				█	█	█	█	█	█	█	
<i>Lemna valdiviana</i>	Vegetative				█	█	█	█	█	█	█	
	Flowering				█	█	█	█	█	█	█	
	Fruiting				█	█	█	█	█	█	█	
<i>Lespedeza angustifolia</i>	Vegetative											
	Flowering							█	█	█		
	Fruiting								█	█	█	
<i>Lespedeza frutescens</i>	Vegetative											
	Flowering							█	█	█		
	Fruiting								█	█		
<i>Lespedeza repens</i>	Vegetative											
	Flowering							█	█	█		
	Fruiting								█	█	█	
<i>Lespedeza stuevei</i>	Vegetative											
	Flowering							█	█	█		
	Fruiting								█	█	█	
<i>Liatrix cylindracea</i>	Vegetative											
	Flowering							█	█	█		
	Fruiting								█	█		
<i>Liatrix scariosa var. nieuwlандii</i>	Vegetative											
	Flowering							█	█	█		
	Fruiting								█	█	█	
<i>Liatrix 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							█	█	█		



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Limosella australis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Linum intercursum</i>												
Vegetative												
Flowering												
Fruiting												
<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>Lithospermum croceum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lithospermum latifolium</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lithospermum parviflorum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lithospermum virginianum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Littorella americana</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lobelia nuttallii</i>												
Vegetative												
Flowering												
Fruiting												
<i>Lobelia spicata var. hirtella</i>												
Vegetative												
Flowering												
Fruiting												
<i>Ludwigia sphaerocarpa</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Lupinus perennis</i> ssp. <i>perennis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Luzula bulbosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Luzula echinata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Luzula spicata</i> ssp. <i>spicata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lycopodiella alopecuroides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Lycopus amplexans</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> var. <i>virginiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Malaxis bayardii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Melanthium hybridum</i>	Vegetative											
	Flowering											
	Fruiting											



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Melanthium virginicum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Micranthemum micranthemoides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Mimulus alatus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Monarda clinopodia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Monarda media</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Monarda punctata var. punctata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Mononeuria glabra</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Mononeuria groenlandica</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>Myriopteris lanosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Nabalus boottii</i>	Vegetative											
	Flowering											
	Fruiting											



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Nabalus crepidineus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Nabalus racemosus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Najas marina</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Najas muenscheri</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Najas olivacea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Neottia auriculata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Neottia bifolia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Neottia convallarioides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Neottia cordata var. cordata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Oclemena nemoralis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Oenothera laciniata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Oenothera nutans</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Oenothera oakesiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Oldenlandia uniflora</i>	Vegetative											
	Flowering											
	Fruiting											



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Omalothea sylvatica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ophioglossum pusillum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Opuntia cespitosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Oreojuncus trifidus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Orontium aquaticum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Oxalis violacea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Oxybasis rubra var. rubra</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Oxypolis rigidior</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Panax quinquefolius</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Panicum amarum var. amarum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Panicum flexile</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Parnassia palustris</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Paronychia fastigiata var. nuttallii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Paspalum laeve</i>	Vegetative											
	Flowering											
	Fruiting											



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<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>Phoradendron leucarpum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Phragmites americanus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Physalis virginiana var. virginiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Pinguicula vulgaris</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Pinus banksiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Pinus echinata</i>	Vegetative											
	Flowering											
	Fruiting											



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		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Pinus virginiana</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Piptatheropsis canadensis</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Piptochaetium avenaceum</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Pityopsis falcata</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Plantago cordata</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Plantago maritima var. juncooides</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Plantanthera ciliaris</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Plantanthera cristata</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Plantanthera hookeri</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Plantanthera leucophaea</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Poa cuspidata</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Poa glauca ssp. glauca</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Poa interior</i>	Vegetative												
	Flowering												
	Fruiting												
<i>Poa laxa ssp. fernaldiana</i>	Vegetative												
	Flowering												
	Fruiting												



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	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 brevifolia</i>												
Vegetative												
Flowering												
Fruiting												
<i>Polygala cruciata</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>Polygala nuttallii</i>												
Vegetative												
Flowering												
Fruiting												
<i>Polygonum 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												



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Polygonum tenue</i>	Vegetative											
	Flowering						█	█	█	█		
	Fruiting								█	█	█	
<i>Polystichum lonchitis</i>	Vegetative				█	█	█	█	█	█		
	Flowering				█	█	█	█	█	█		
	Fruiting								█	█	█	
<i>Populus heterophylla</i>	Vegetative	█	█	█	█	█	█	█	█	█	█	█
	Flowering					█	█					
	Fruiting					█	█					
<i>Potamogeton alpinus</i>	Vegetative						█	█	█	█		
	Flowering						█	█	█	█		
	Fruiting								█	█	█	
<i>Potamogeton confervoides</i>	Vegetative						█	█	█	█		
	Flowering						█	█	█	█		
	Fruiting								█	█	█	
<i>Potamogeton diversifolius</i>	Vegetative						█	█	█	█		
	Flowering						█	█	█	█		
	Fruiting								█	█	█	
<i>Potamogeton hillii</i>	Vegetative						█	█	█	█		
	Flowering						█	█	█	█		
	Fruiting								█	█	█	
<i>Potamogeton pulcher</i>	Vegetative						█	█	█	█		
	Flowering						█	█	█	█		
	Fruiting								█	█	█	
<i>Potamogeton strictifolius</i>	Vegetative						█	█	█	█		
	Flowering						█	█	█	█		
	Fruiting								█	█	█	
<i>Potentilla anserina ssp. pacifica</i>	Vegetative						█	█	█	█		
	Flowering						█	█	█	█		
	Fruiting								█	█	█	
<i>Potentilla supina ssp. paradoxa</i>	Vegetative						█	█	█	█		
	Flowering						█	█	█	█		
	Fruiting								█	█	█	
<i>Primula meadia</i>	Vegetative											
	Flowering					█	█					
	Fruiting						█	█				
<i>Primula mistassinica</i>	Vegetative				█	█	█	█	█	█		
	Flowering				█	█	█	█	█	█		
	Fruiting					█	█	█	█	█		
<i>Proserpinaca pectinata</i>	Vegetative						█	█	█	█		
	Flowering						█	█	█	█		
	Fruiting								█	█	█	



2019 Rare Plant Status List - Phenology

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



2019 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 var. marilandica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Quercus phellos</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Quercus shumardii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ranunculus ambigens</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ranunculus cymbalaria</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ranunculus micranthus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ranunculus pusillus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Ranunculus septentrionalis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhexia mariana var. mariana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhinanthus minor ssp. groenlandicus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhodiola integrifolia ssp. leedyi</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhodiola rosea</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhododendron canadense</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Rhododendron lapponicum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora cephalantha</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora chalarocephala</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rhynchospora fusca</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>Rorippa aquatica</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rosa acicularis ssp. sayi</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Rotala ramosior</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Rubus chamaemorus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Rubus cuneifolius</i>												
Vegetative												
Flowering												
Fruiting												
<i>Rubus pascuus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Rumex fueginus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Rumex hastatulus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Rumex pallidus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Rumex persicarioides</i>												
Vegetative												
Flowering												
Fruiting												
<i>Sabatia angularis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Sabatia campanulata</i>												
Vegetative												
Flowering												
Fruiting												
<i>Sabatia dodecandra var. dodecandra</i>												
Vegetative												
Flowering												
Fruiting												
<i>Sabatia stellaris</i>												
Vegetative												
Flowering												
Fruiting												
<i>Sabulina caroliniana</i>												
Vegetative												
Flowering												
Fruiting												
<i>Sagina decumbens ssp. decumbens</i>												
Vegetative												
Flowering												
Fruiting												
<i>Sagittaria filiformis</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Sagittaria montevidensis ssp. 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 uva-ursi</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Salvia lyrata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Sanicula canadensis var. grandis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Saxifraga aizoides</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Saxifraga oppositifolia ssp. oppositifolia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Saxifraga paniculata ssp. paniculata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scheuchzeria palustris</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Schizachyrium littorale</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Schizaea pusilla</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Schoenoplectiella purshiana</i> var. <i>purshiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Schoenoplectiella smithii</i> var. <i>setosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Schoenoplectiella smithii</i> var. <i>smithii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Schoenoplectus heterochaetus</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Schoenoplectus torreyi</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											
<i>Scleria pauciflora</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Scleria reticularis</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<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>missouriensis</i>	Vegetative											
	Flowering						■	■				
	Fruiting							■	■	■		
<i>Scutellaria parvula</i> var. <i>parvula</i>	Vegetative											
	Flowering						■	■				
	Fruiting							■	■	■		
<i>Scutellaria serrata</i>	Vegetative											
	Flowering						■	■				
	Fruiting							■	■			
<i>Selaginella eclipes</i>	Vegetative			■	■	■	■	■	■	■		
	Flowering											
	Fruiting							■	■			
<i>Senecio suaveolens</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							■	■	■		



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Sisyrinchium albidum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Sisyrinchium fuscatum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Sisyrinchium mucronatum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Smilanthus uvedalia</i>												
Vegetative												
Flowering												
Fruiting												
<i>Smilax lasioneura</i>												
Vegetative												
Flowering												
Fruiting												
<i>Smilax pseudochina</i>												
Vegetative												
Flowering												
Fruiting												
<i>Smilax pulverulenta</i>												
Vegetative												
Flowering												
Fruiting												
<i>Solidago houghtonii</i>												
Vegetative												
Flowering												
Fruiting												
<i>Solidago latissimifolia</i>												
Vegetative												
Flowering												
Fruiting												
<i>Solidago leiocarpa</i>												
Vegetative												
Flowering												
Fruiting												
<i>Solidago mexicana</i>												
Vegetative												
Flowering												
Fruiting												
<i>Solidago ohioensis</i>												
Vegetative												
Flowering												
Fruiting												
<i>Solidago ptarmicoides</i>												
Vegetative												
Flowering												
Fruiting												
<i>Solidago racemosa</i>												
Vegetative												
Flowering												
Fruiting												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Solidago randii</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Solidago rigida var. rigida</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Sparganium fluctuans</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>Spizidium canadense</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Spiranthes casei var. casei</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Spiranthes magnicamporum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Spiranthes ovalis var. erostellata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Spiranthes tuberosa</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Spiranthes vernalis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Sporobolus clandestinus</i>	Vegetative											
	Flowering											
	Fruiting											



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Sporobolus heterolepis</i>												
Vegetative												
Flowering							■	■				
Fruiting							■	■	■	■		
<i>Stachys arenicola</i>												
Vegetative												
Flowering							■	■	■			
Fruiting								■	■	■		
<i>Stachys hyssopifolia</i> var. <i>hyssopifolia</i>												
Vegetative												
Flowering							■	■	■			
Fruiting								■	■	■		
<i>Stellaria longipes</i> ssp. <i>longipes</i>												
Vegetative												
Flowering						■	■	■				
Fruiting						■	■	■				
<i>Stenanthium leimanthoides</i>												
Vegetative												
Flowering						■	■					
Fruiting							■	■	■	■		
<i>Strophostyles umbellata</i>												
Vegetative												
Flowering								■	■			
Fruiting								■	■	■		
<i>Stuckenia filiformis</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</i> ssp. <i>americana</i>												
Vegetative												
Flowering							■	■	■			
Fruiting									■	■		
<i>Symphotrichum boreale</i>												
Vegetative						■	■	■	■	■		
Flowering						■	■	■	■	■		
Fruiting							■	■	■	■		
<i>Symphotrichum ciliolatum</i>												
Vegetative												
Flowering									■	■		
Fruiting												
<i>Symphotrichum concolor</i> var. <i>concolor</i>												
Vegetative												
Flowering									■	■		
Fruiting										■	■	



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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Symphotrichum lanceolatum</i> var. <i>interior</i>												
Vegetative												
Flowering								█	█			
Fruiting								█	█	█		
<i>Symphotrichum oolentangiense</i>												
Vegetative												
Flowering								█	█			
Fruiting										█	█	
<i>Symphotrichum subulatum</i> var. <i>subulatum</i>												
Vegetative												
Flowering								█	█	█		
Fruiting												
<i>Symphotrichum tenuifolium</i> var. <i>tenuifolium</i>												
Vegetative												
Flowering								█	█	█		
Fruiting												
<i>Thalictrum venulosum</i>												
Vegetative						█	█	█	█			
Flowering						█	█					
Fruiting							█	█	█			
<i>Thaspium barbinode</i>												
Vegetative												
Flowering						█	█					
Fruiting							█	█				
<i>Thelypteris simulata</i>												
Vegetative							█	█	█			
Flowering												
Fruiting								█	█			
<i>Tilia americana</i> var. <i>heterophylla</i>												
Vegetative					█	█	█	█	█			
Flowering						█	█					
Fruiting							█	█	█			
<i>Tipularia discolor</i>												
Vegetative	█	█	█	█	█	█	█			█	█	
Flowering								█	█			
Fruiting									█	█		
<i>Tomostima reptans</i>												
Vegetative												
Flowering				█	█							
Fruiting					█	█	█	█				
<i>Toxicodendron rydbergii</i>												
Vegetative					█	█	█	█	█			
Flowering						█	█					
Fruiting							█	█	█			
<i>Triantha glutinosa</i>												
Vegetative												
Flowering						█	█	█				
Fruiting								█	█			
<i>Trichophorum cespitosum</i> ssp. <i>cespitosum</i>												
Vegetative						█	█	█	█			
Flowering						█	█					
Fruiting							█	█	█			
<i>Trichophorum clintonii</i>												
Vegetative												
Flowering					█	█						
Fruiting						█	█	█				



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Trichostema brachiatum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Trichostema setaceum</i>												
Vegetative												
Flowering												
Fruiting												
<i>Triglochin palustris</i>												
Vegetative												
Flowering												
Fruiting												
<i>Trillium cernuum</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 trianthophoros ssp. trianthophoros</i>												
Vegetative												
Flowering												
Fruiting												
<i>Tripsacum dactyloides var. dactyloides</i>												
Vegetative												
Flowering												
Fruiting												
<i>Trollius laxus</i>												
Vegetative												
Flowering												
Fruiting												
<i>Ulmus thomasii</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												



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
<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													<i>Vernonia gigantea</i>													Vegetative													Flowering													Fruiting													<i>Veronica peregrina ssp. xalapensis</i>													Vegetative													Flowering													Fruiting													<i>Veronica serpyllifolia ssp. humifusa</i>													Vegetative													Flowering													Fruiting													<i>Veronicastrum virginicum</i>													Vegetative													Flowering													Fruiting												
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													<i>Vernonia gigantea</i>													Vegetative													Flowering													Fruiting													<i>Veronica peregrina ssp. xalapensis</i>													Vegetative													Flowering													Fruiting													<i>Veronica serpyllifolia ssp. humifusa</i>													Vegetative													Flowering													Fruiting													<i>Veronicastrum virginicum</i>													Vegetative													Flowering													Fruiting																									
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													<i>Vernonia gigantea</i>													Vegetative													Flowering													Fruiting													<i>Veronica peregrina ssp. xalapensis</i>													Vegetative													Flowering													Fruiting													<i>Veronica serpyllifolia ssp. humifusa</i>													Vegetative													Flowering													Fruiting													<i>Veronicastrum virginicum</i>													Vegetative													Flowering													Fruiting																																						
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2019 Rare Plant Status List - Phenology

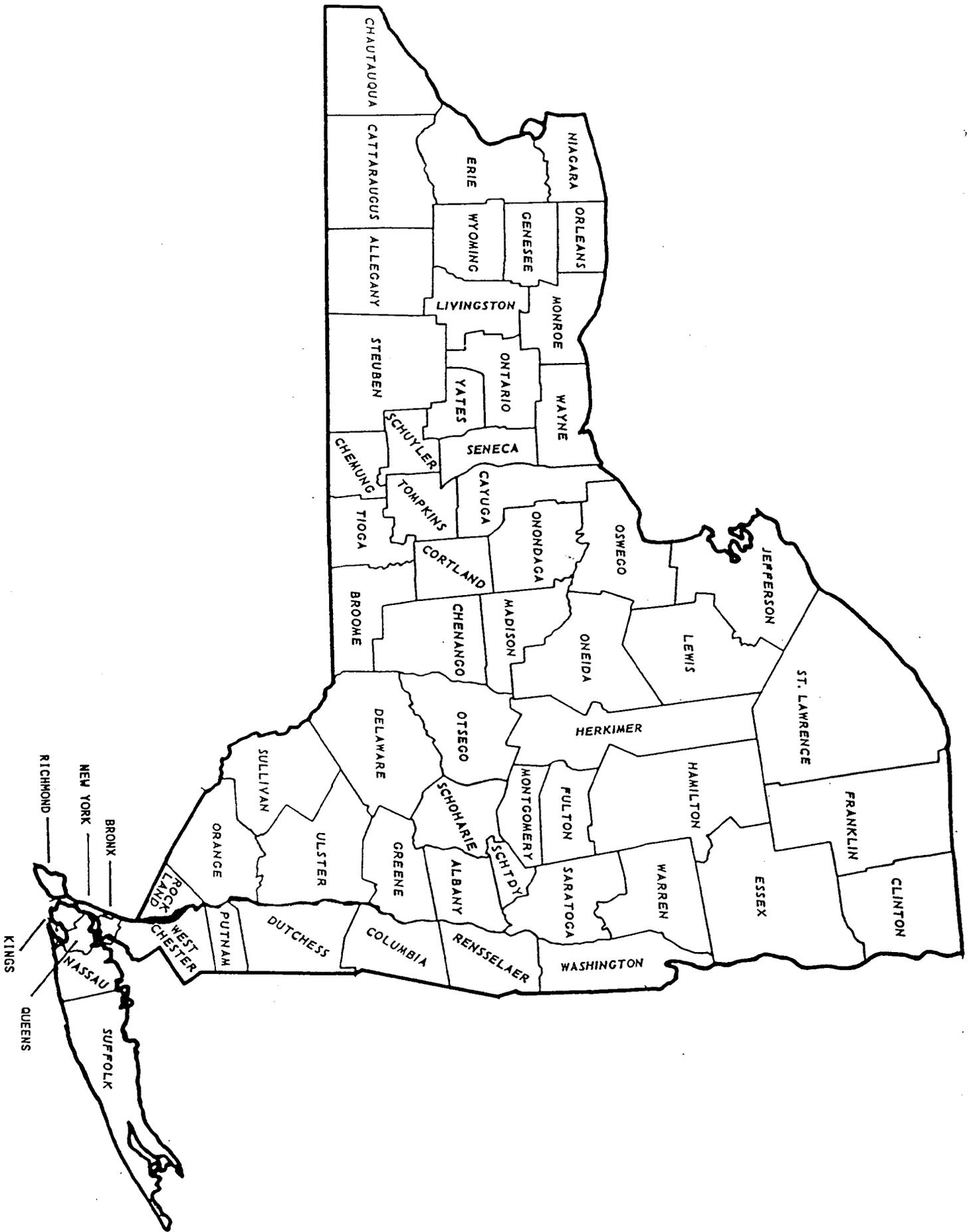
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Viburnum dentatum</i> var. <i>venosum</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Viburnum edule</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Viburnum nudum</i> var. <i>nudum</i>	Vegetative											
	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 pectinata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Viola pedata</i> var. <i>pedata</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Viola primulifolia</i> var. <i>primulifolia</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Vitis vulpina</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Vittaria appalachiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Woodsia alpina</i>	Vegetative											
	Flowering											
	Fruiting											



2019 Rare Plant Status List - Phenology

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Woodsia glabella</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Woodsia oregana ssp. cathcartiana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Xyris bracteicaulis</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Xyris smalliana</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Xyris torta</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Zizania palustris var. interior</i>	Vegetative											
	Flowering											
	Fruiting											
<i>Zostera marina</i>	Vegetative											
	Flowering											
	Fruiting											







The New York Natural Heritage Program

The [NY Natural Heritage Program](#) is a partnership between the NYS Department of Environmental Conservation (NYS DEC) and the State University of New York College of Environmental Science and Forestry. Our mission is to facilitate conservation of rare animals, rare plants, and significant ecosystems. We accomplish this mission by combining thorough field inventories, scientific analyses, expert interpretation, and the most comprehensive database on New York's distinctive biodiversity to deliver the highest quality information for natural resource planning, protection, and management.

NY Natural Heritage was established in 1985 and is a contract unit housed within NYS DEC's Division of Fish, Wildlife & Marine Resources. The program is staffed by more than 25 scientists and specialists with expertise in ecology, zoology, botany, information management, and geographic information systems.

NY Natural Heritage maintains New York's most comprehensive database on the status and location of rare species and natural communities. We presently monitor 182 natural community types, 866 rare plant species including mosses, and 478 rare animal species across New York, keeping track of more than 14,200 locations where these species and communities have been recorded. The database also includes detailed information on the relative rareness of each species and community, the quality of their occurrences, and descriptions of sites. The information is used by public agencies, the environmental conservation community, developers, and others to aid in land-use decisions. Our data are essential for prioritizing those species and communities in need of protection and for guiding land-use and land-management decisions where these species and communities exist.

In addition to tracking recorded locations, NY Natural Heritage has developed models of the areas around these locations important for conserving biodiversity, and models of the distribution of suitable habitat for rare species across New York State.

NY Natural Heritage has developed two notable online resources: [Conservation Guides](#) include the biology, identification, habitat, and management of many of New York's rare species and natural community types; and [NY Nature Explorer](#) lists species and communities in a specified area of interest.

NY Natural Heritage also houses [MapInvasives](#), an online tool for invasive species reporting and data management.

In 1990, NY Natural Heritage published [Ecological Communities of New York State](#), an all-inclusive classification of natural and human-influenced communities. From 40,000-acre beech-maple mesic forests to 40-acre maritime beech forests, sea-level salt marshes to alpine meadows, our classification quickly became the primary source for natural community classification in New York and a fundamental reference for natural community classifications in the northeastern United States and southeastern Canada. This classification, which has been continually updated as we gather new field data, has also been incorporated into the National Vegetation Classification that is being developed and refined by NatureServe, The Nature Conservancy, and Natural Heritage Programs throughout the United States (including New York).

NY Natural Heritage is an active participant in [NatureServe](#) – the international network of biodiversity data centers. NatureServe's network of independent data centers collects and analyzes data about the plants, animals, and ecological communities of the Western Hemisphere. Known as natural heritage programs or conservation data centers, these programs operate throughout all the United States and Canada, and in many countries and territories of Latin America. These programs work with NatureServe to develop biodiversity data, maintain compatible standards for data management, and provide information about rare species and natural communities that is consistent across many geographic scales.