



NEW HAMPSHIRE NATURAL HERITAGE BUREAU

DRED - DIVISION OF FORESTS & LANDS

PO Box 1856 -- 172 PEMBROKE ROAD, CONCORD, NH 03302-1856

(603) 271-2214

Rare Plant List for New Hampshire

General Copy



July 2013



A Quick Overview of the NH Natural Heritage Bureau's Purpose and Policies

The Natural Heritage Bureau is mandated by the Native Plant Protection Act of 1987 (NH RSA 217-A) to determine protective measures and requirements necessary for the survival of native plant species in the state, to investigate the condition and degree of rarity of plant species, and to distribute information regarding the condition and protection of these species and their habitats.

The Natural Heritage Bureau provides information to facilitate informed land-use decision-making. We are not a regulatory agency; instead, we work with landowners and land managers to help them protect the State's natural heritage and meet their land-use needs.

The Natural Heritage Bureau has three facets:

Inventory involves identifying new occurrences of sensitive species and classifying New Hampshire's biodiversity. We currently study more than 630 plant and animal species and 190 natural communities. Surveys for rarities on private lands are conducted only with landowner permission.

Tracking is the management of occurrence data. Our database currently contains information about more than 6,000 plant, animal, and natural community occurrences in New Hampshire.

Interpretation is the communication of Natural Heritage Bureau information. Our goal is to cooperate with public and private land managers to help them *protect* rare species populations and exemplary natural communities.

Cover illustration of a riverside seep by
Caren Caljouw



The NH Natural Heritage Bureau is a bureau in the Division of Forests & Lands. Our mission is to find, track, and facilitate the protection of New Hampshire's rare plants and exemplary natural communities (which are essentially different types of forests, wetlands, grasslands, etc.). We currently study more than 630 plant and animal species and 190 natural communities. Our database contains information about more than 6,000 plant, animal, and natural community occurrences throughout the state.

Plants Tracked by the NH Natural Heritage Bureau

The following list is our current assessment of the status of the state's rarest and most imperiled plant species. We have developed the list in cooperation with researchers, conservation organizations such as The Nature Conservancy, and knowledgeable amateur botanists. We obtained plant locations from sources including herbarium specimens (some dating from the late 1800s), personal contacts, the scientific literature, and through extensive field research. It is important for readers to remember that this list is dynamic – as new discoveries are made or populations are lost, species may be added to or removed from the list.

For each species, we have provided the following information:

- Common Name*** Readers should remember that common names vary across the range of the plant. For example, "wild lupine" (*Lupinus perennis*) in New Hampshire is called "wild blue lupine" in New York and "sundial lupine" in other parts of its range; the name also commonly leads to confusion with garden lupine (*Lupinus polyphyllus*) which is not native to New Hampshire but grows wild in some areas.
- Scientific Name*** The primary reference used is:
Haines, Arthur. 2011. New England Wild Flower Society's Flora Novae Angliae A Manual for the Identification of Native and Naturalized Higher Vascular Plants of New England. Yale University Press. New Haven and London.
- Global & State Ranks*** When considering the rarity of a species, it is important to consider the status of a species both in New Hampshire and across its total range. The degree of rarity within New Hampshire is noted with a "State Rank" and throughout its range with a "Global Rank." Ranks are on a scale of 1 to 5, with a 1 indicating critical imperilment, a 3 indicating that the species is vulnerable, and a 5 indicating that the species is secure. Some species, such as Jesup's milk-vetch (*Astragalus robbinsii* var. *jesupi*), are critically imperiled both globally and in New Hampshire. This species has three known populations on the planet, all on a 16-mile stretch of the Connecticut River. Other species, such as yellow lady's-slipper (*Cypripedium parviflorum* var. *makasin*), are very rare in New Hampshire (S1) but quite common in other parts of their range (G5).
- Both global and state ranks can indicate a range of uncertainty regarding the degree of rarity. This general list "rounds" ranks down to the lowest value (e.g., S1S2 becomes S1). Full ranks are given in the technical version of the list.

***Listing***

Most of New Hampshire's rare plants are listed as Endangered (in danger of extinction in the state) or Threatened (likely to become Endangered) under the NH Native Plant Protection Act of 1987 (NH RSA 217-A). The most recent revision of the list was conducted in 2010. A subset of these species are also listed under the federal Endangered Species Act of 1973 (42 USCA §§ 4321-4370c). State and federal listing represents a political recognition of rarity, so some species that are biologically rare (as indicated by the State and Global Ranks) may not be listed as Threatened or Endangered.

Known Sites

There has not been a comprehensive search of the state for rare species, so we are frequently finding or learning about previously unknown populations. Further, many populations have not been checked since they were originally found, sometimes more than 50 years ago, so we do not know the status of these populations. We have therefore separated known sites into two sub-categories: those last seen more than 20 years ago, and those reported within the last 20 years. This distinction helps show the state of our knowledge about a given species and the need for additional research. If no known sites are indicated in the list (- -), the species is known to have once occurred in the state, but specific sites are not in our database.

You Can Help!

Our biologists can only cover so much ground, so we are constantly seeking information from other sources. Knowledgeable recommendations for adding or removing species from the list of Endangered and Threatened species are always welcomed. Further, locational information about any of the species we track will help make our database more complete and therefore more useful for land-use planning. A form for reporting rare plant species locations is attached to the back of this list. It is the policy of our agency not to survey on private property without landowner permission, so please respect your neighbor's privacy.

If you have any questions or need additional information, please do not hesitate to contact us.

Address: Natural Heritage/DRED *Telephone:* (603) 271-2214 *Fax:* (603) 271-6488
PO Box 1856
Concord, NH 03302-1856



Explanation of Global and State Rank Codes

Ranks describe rarity both throughout a species' range (global or "G" rank) and within New Hampshire (statewide or "S" rank). The rarity of sub-species and varieties is indicated with a taxon ("T") rank. For example, "G5T1" = the species is globally secure (G5) but the sub-species is critically imperiled (T1).

<i>Code</i>	<i>Examples</i>	<i>Description</i>
1	G1 S1	Critically imperiled because extreme rarity (generally one to five occurrences) or some factor of its biology makes it particularly vulnerable to extinction.
2	G2 S2	Imperiled because rarity (generally six to 20 occurrences) or other factors demonstrably make it very vulnerable to extinction.
3	G3 S3	Either very rare and local throughout its range (generally 21 to 100 occurrences), or found locally (even abundantly at some of its locations) in a restricted range, or vulnerable to extinction because of other factors.
4	G4 S4	Widespread and apparently secure, although the species may be quite rare in parts of its range, especially at the periphery.
5	G5 S5	Demonstrably widespread and secure, although the species may be quite rare in parts of its range, particularly at the periphery.
U	GU SU	Status uncertain, but possibly in peril. More information needed.
H	GH SH	Known only from historical records, but may be rediscovered. A G5 SH species is widespread throughout its range (G5), but historical in New Hampshire (SH).
X	GX SX	Believed to be extinct. May be rediscovered, but evidence indicates that this is less likely than for historical species. A G5 SX species is widespread throughout its range (G5), but extirpated from New Hampshire (SX).

In this list, ranks that are uncertain (e.g., span two categories) have been "rounded" to the most-at-risk category.



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Name	Rank		Listing		Known sites	
	Global	State	Federal	State	<1993	1993+
Adder's-mouth, green (<i>Malaxis unifolia</i>)	G5	S2	--	T	45	11
Adder's-mouth, white (<i>Malaxis monophyllos</i> ssp. <i>brachypoda</i>)	G4Q	SH	--	E	3	-
Agalinis, saltmarsh (<i>Agalinis maritima</i>)	G5	S1	--	E	4	6
Allegheny-vine (<i>Adlumia fungosa</i>)	G4	S1	--	E	10	9
Alpine-azalea (<i>Kalmia procumbens</i>)	G5	S2	--	T	2	2
American-aster, late purple (<i>Symphyotrichum patens</i>)	G5	S2	--	T	5	6
American-aster, Lindley's (<i>Symphyotrichum ciliolatum</i>)	G5	S2	--	T	7	5
American-aster, perennial saltmarsh (<i>Symphyotrichum tenuifolium</i>)	G5	S1	--	E	2	4
Arctic-cudweed, alpine (<i>Omalotheca supina</i>)	G5	S1	--	E	2	1
Arnica, lance-leaved (<i>Arnica lanceolata</i>)	G3	S2	--	T	3	7
Arrowhead, northern (<i>Sagittaria cuneata</i>)	G5	S1	--	E	10	2
Arrowhead, quill-leaved (<i>Sagittaria teres</i>)	G3	S1	--	E	-	1
Arrowhead, Sessile-fruited (<i>Sagittaria rigida</i>)	G5	SH	--	E	7	-
Arrowhead, Spongy-leaved (<i>Sagittaria montevidensis</i> ssp. <i>spongiosa</i>)	G5T4	S1	--	E	1	1
Arrowwood, Downy (<i>Viburnum rafinesquianum</i>)	G5	S1	--	E	4	3
Asphodel, Sticky False (<i>Triantha glutinosa</i>)	G4G5	S1	--	E	-	4
Avens, White Mountain (<i>Geum peckii</i>)	G2	S2	--	T	2	16
Azalea, Pink (<i>Rhododendron periclymenoides</i>)	G5	SH	--	E	1	-
Baked-apple-berry (<i>Rubus chamaemorus</i>)	G5	S2	--	T	2	7
Barren-strawberry, Appalachian (<i>Geum fragarioides</i>)	G5T5	S2	--	T	5	7
Beaksedge, needle (<i>Rhynchospora capillacea</i>)	G4	S1	--	E	-	1
Bearberry, Alpine (<i>Arctous alpina</i>)	G5	S1	--	E	-	4
Bedstraw, blunt-leaved (<i>Galium obtusum</i>)	G5	SH	--	E	2	-
Bedstraw, Hairy (<i>Galium pilosum</i>)	G5	SH	--	E	4	-
Bedstraw, Limestone Swamp (<i>Galium brevipes</i>)	G4?	S1	--	E	-	-
Beggar-ticks, northern (<i>Bidens hyperborea</i>)	G4	SH	--	E	1	-
Beggar-ticks, smooth (<i>Bidens laevis</i>)	G5	S1	--	E	1	1
Bellwort, Large-flowered (<i>Uvularia grandiflora</i>)	G5	S1	--	E	2	5
Bellwort, Perfoliate (<i>Uvularia perfoliata</i>)	G5	S1	--	E	1	1
Bindweed, upright false (<i>Calystegia spithamea</i>)	G4G5	S1	--	E	7	1
Birch, bog (<i>Betula pumila</i>)	G5	S1	--	E	-	1
Birch, dwarf (<i>Betula minor</i>)	G4Q	S2	--	T	5	7
Birch, glandular (<i>Betula glandulosa</i>)	G5	S2	--	T	3	6
Birch, River (<i>Betula nigra</i>)	G5	S2	--	T	7	3
Bistort, alpine (<i>Bistorta vivipara</i>)	G5	S1	--	E	3	2
Bitter-cress, alpine (<i>Cardamine bellidifolia</i>)	G5	S1	--	E	2	3
Bitter-cress, bulbous (<i>Cardamine bulbosa</i>)	G5	S1	--	E	4	1
Bitter-cress, Long's (<i>Cardamine longii</i>)	G3?	SH	--	E	1	-
Blackberry, sand (<i>Rubus cuneifolius</i>)	G5	S1	--	E	-	1
Bladdernut, American (<i>Staphylea trifolia</i>)	G5	S2	--	T	-	6
Bladderwort, resupinate (<i>Utricularia resupinata</i>)	G4	SH	--	E	15	-
Blazing Star, Northern (<i>Liatris novae-angliae</i>)	G5?T3	S1	--	E	9	7
Blue grass, alpine Kentucky (<i>Poa pratensis</i> ssp. <i>alpigena</i>)	G5T5	S1	--	E	3	1
Bluebells, seaside (<i>Mertensia maritima</i>)	G5	SX	--	--	1	-
Blueberry, dwarf (<i>Vaccinium cespitosum</i>)	G5	S2	--	T	11	5
Blueberry, northern (<i>Vaccinium boreale</i>)	G4	S2	--	T	5	12
Blue-eyed-grass, needle-tipped (<i>Sisyrinchium mucronatum</i>)	G5	SH	--	E	1	-
Bluejoint, Harsh (<i>Calamagrostis canadensis</i> var. <i>langsдорffii</i>)	G5T5	S1	--	E	1	1
Bluet, long-leaved (<i>Houstonia longifolia</i>)	G4G5	S1	--	E	1	2
Bog-clubmoss, appressed (<i>Lycopodiella appressa</i>)	G5	S1	--	E	1	1
Bog-clubmoss, Foxtail (<i>Lycopodiella alopecuroides</i>)	G5	S1	--	--	-	1
Bog-orchid, northern tuberclad (<i>Platanthera flava</i> var. <i>herbiola</i>)	G4?T4Q	S1	--	E	6	5
Brome, hairy wood (<i>Bromus pubescens</i>)	G5	S1	--	E	3	3



Name	Rank		Listing		Known sites	
	Global	State	Federal	State	<1993	1993+
Brome, Kalm's (<i>Bromus kalmii</i>)	G5	SH	--	E	3	-
Brookweed, seaside (<i>Samolus valerandi</i> ssp. <i>parviflorus</i>)	G5T5	S1	--	E	3	2
Bulrush, Georgia (<i>Scirpus georgianus</i>)	G5	S1	--	E	1	2
Bulrush, Leafy (<i>Scirpus polyphyllus</i>)	G5	SH	--	E	3	-
Bulrush, Long's (<i>Scirpus longii</i>)	G2G3	S1	--	E	-	2
Bulrush, Northeastern (<i>Scirpus ancistrochaetus</i>)	G3	S1	E	E	-	7
Bulrush, rufous (<i>Scirpus pendulus</i>)	G5	S1	--	E	4	1
Bur-reed, arctic (<i>Sparganium natans</i>)	G5	S2	--	T	-	-
Bur-reed, branched (<i>Sparganium androcladum</i>)	G4G5	SH	--	E	2	-
Bur-reed, great (<i>Sparganium eurycarpum</i>)	G5	S2	--	T	6	14
Bush-clover, Slender (<i>Lespedeza virginica</i>)	G5	S1	--	E	4	3
Bush-clover, Trailing (<i>Lespedeza procumbens</i>)	G5	S1	--	E	2	1
Butterwort, violet (<i>Pinguicula vulgaris</i>)	G5	S1	--	E	2	1
Camphorweed, sweet-scented (<i>Pluchea odorata</i> var. <i>succulenta</i>)	G5T3T5	S1	--	E	-	2
Campion, Moss (<i>Silene acaulis</i>)	G5	S1	--	E	3	1
Campion, Wild (<i>Silene caroliniana</i> ssp. <i>pensylvanica</i>)	G5T4T5	SH	--	E	1	-
Chives, wild (<i>Allium schoenoprasum</i>)	G5	S1	--	E	4	3
Cinquefoil, coast (<i>Potentilla litoralis</i>)	G5T4T5	SH	--	E	2	-
Cinquefoil, Robbins' (<i>Potentilla robbinsiana</i>)	G1	S1	--	E	-	2
Clearweed, Lesser (<i>Pilea fontana</i>)	G5	S1	--	--	-	1
Cliff-brake, purple (<i>Pellaea atropurpurea</i>)	G5	S1	--	E	-	1
Clubsedge, Bashful (<i>Trichophorum planifolium</i>)	G4G5	S1	--	E	-	3
Colic-root, White (<i>Aletris farinosa</i>)	G5	SH	--	E	1	-
Coral-root, fall (<i>Corallorhiza odoratorhiza</i>)	G5	S1	--	E	1	3
Corydalis, Golden (<i>Corydalis aurea</i>)	G5	SH	--	E	2	-
Cottonsedge, tall (<i>Eriophorum angustifolium</i>)	G5	S1	--	E	1	3
Crabgrass, Slender (<i>Digitaria filiformis</i> var. <i>filiformis</i>)	G5TNR	SH	--	E	3	-
Crabgrass, smooth slender (<i>Digitaria filiformis</i> var. <i>laeviglumis</i>)	G5TNR	SH	--	E	1	-
Crane's-bill, Carolina (<i>Geranium carolinianum</i>)	G5	S1	--	E	3	2
Crowfoot, early (<i>Ranunculus fascicularis</i>)	G5	S1	--	E	1	3
Crowfoot, water-plantain (<i>Ranunculus ambigens</i>)	G4	S1	--	E	2	1
Diapensia (<i>Diapensia lapponica</i>)	G5	S2	--	T	4	12
Dock, seabeach (<i>Rumex pallidus</i>)	G4	S1	--	E	-	1
Dodder, Buttonbush (<i>Cuscuta cephalanthi</i>)	G5	S1	--	--	-	1
Dragon's-mouth (<i>Arethusa bulbosa</i>)	G4	S1	--	E	16	5
Dropseed, Sand (<i>Sporobolus cryptandrus</i>)	G5	S1	--	E	3	1
Dropseed, Small (<i>Sporobolus neglectus</i>)	G5	SH	--	E	3	-
Duckweed, ivy-leaved (<i>Lemna trisulca</i>)	G5	S1	--	E	3	2
Duckweed, Pale (<i>Lemna valdiviana</i>)	G5	SH	--	E	4	-
Dwarf-bulrush, small-flowered (<i>Lipocarpa micrantha</i>)	G5	SH	--	E	3	-
Dwarf-gentian, stiff (<i>Gentianella quinquefolia</i>)	G5	S1	--	E	6	1
Eared-rockcress, hairy (<i>Arabis pycnocarpa</i>)	G5T5	S1	--	E	2	2
Elder, Marsh (<i>Iva frutescens</i>)	G5	S2	--	T	2	9
Eyebright, Oakes' (<i>Euphrasia oakesii</i>)	G4	S1	--	E	-	2
Fairy-slipper (<i>Calypso bulbosa</i> ssp. <i>americana</i>)	G5T5?	SH	--	E	2	-
False pimpernel, unpretentious yellow-seeded (<i>Lindernia dubia</i> var. <i>anagallidea</i>)	G5T4	S1	--	E	2	2
Featherfoil, American (<i>Hottonia inflata</i>)	G4	S1	--	E	1	6
Fern, American climbing (<i>Lygodium palmatum</i>)	G4	S1	--	E	3	2
Fern, Appalachian bristle (<i>Trichomanes intricatum</i>)	G4G5	SH	--	E	2	-
Fern, blunt-lobed cliff (<i>Woodsia obtusa</i>)	G5	S1	--	E	4	5
Fern, fragrant wood (<i>Dryopteris fragrans</i>)	G5	S2	--	T	5	10
Fern, male wood (<i>Dryopteris filix-mas</i> ssp. <i>brittonii</i>)	G5T4?	S1	--	E	-	1
Fern, narrow-leaved glade (<i>Diplazium pycnocarpon</i>)	G5	S1	--	E	3	3



Name	Rank		Listing		Known sites	
	Global	State	Federal	State	<1993	1993+
Fern, Netted Chain (<i>Woodwardia areolata</i>)	G5	S1	--	E	3	1
Fern, northern adder's-tongue (<i>Ophioglossum pusillum</i>)	G5	S1	--	E	1	3
Fern, smooth cliff (<i>Woodsia glabella</i>)	G5	S1	--	E	2	2
Fescue, Proliferous (<i>Festuca prolifera</i>)	GU	S1	--	E	1	1
Firmoss, Mountain (<i>Huperzia appressa</i>)	G4G5	S1	--	E	11	3
Firmoss, Northern (<i>Huperzia selago</i>)	G5	SH	--	E	3	-
Flat-topped-goldenrod, white (<i>Oligoneuron album</i>)	G5	S1	--	E	-	2
Flax, Grooved Yellow (<i>Linum sulcatum</i>)	G5	SH	--	E	1	-
Foxglove, Downy False (<i>Aureolaria virginica</i>)	G5	S1	--	E	9	6
Fringed-gentian, greater (<i>Gentianopsis crinita</i>)	G5	S2	--	T	20	8
Garlic, meadow (<i>Allium canadense</i>)	G5	S1	--	E	3	2
Ginseng, American (<i>Panax quinquefolius</i>)	G3G4	S2	--	T	12	65
Glasswort, Dwarf (<i>Salicornia bigelovii</i>)	G5	S1	--	E	2	5
Glasswort, Perennial (<i>Salicornia ambigua</i>)	GNR	S1	--	E	3	1
Goat's-rue, wild (<i>Tephrosia virginiana</i>)	G5	S1	--	E	5	2
Goldenrod, Cutler's (<i>Solidago leiocarpa</i>)	G4	S2	--	T	4	5
Goldenrod, licorice (<i>Solidago odora</i>)	G5	S1	--	E	13	8
Goldenrod, rough-leaved (<i>Solidago patula</i>)	G5	SH	--	E	1	-
Goldenrod, Showy (<i>Solidago speciosa</i>)	G5T5?	S1	--	E	-	1
Goosefoot, Fogg's (<i>Chenopodium foggii</i>)	G2G3	S1	--	E	4	1
Goosefoot, red (<i>Chenopodium rubrum</i>)	G5	S1	--	E	5	1
Graphephorum (<i>Graphephorum melicoides</i>)	G4	SH	--	E	2	-
Grass, Alpine Sweet (<i>Anthoxanthum monticola</i>)	G5	S2	--	T	2	7
Grass, American beach (<i>Ammophila breviligulata</i>)	G5	S2	--	T	4	6
Grass, American lyme (<i>Leymus mollis</i>)	G5	S1	--	E	1	1
Grass, arctic hair (<i>Vahlodea atropurpurea</i>)	G5	S1	--	E	7	1
Grass, Canada mountain-rice (<i>Piptatherum canadense</i>)	G5	S1	--	E	4	2
Grass, Coast Barnyard (<i>Echinochloa walteri</i>)	G5	SH	--	E	1	-
Grass, Eight-flowered Six-weeks (<i>Vulpia octoflora</i> var. <i>tenella</i>)	G5TNR	SH	--	E	5	-
Grass, floating manna (<i>Glyceria septentrionalis</i>)	G5	S1	--	E	-	-
Grass, glaucous blue (<i>Poa glauca</i>)	G5	SH	--	E	6	-
Grass, neglected reed (<i>Calamagrostis stricta</i> ssp. <i>stricta</i>)	G5T5	SH	--	E	1	-
Grass, Nuttall's reed (<i>Calamagrostis cinroides</i>)	G5	S1	--	E	5	1
Grass, sharp-flowered manna (<i>Glyceria acutiflora</i>)	G5	S1	--	E	7	2
Grass, Tundra Alkali (<i>Puccinellia pumila</i>)	G4G5	S1	--	E	5	2
Grass, wavy blue (<i>Poa laxa</i> ssp. <i>fernaldiana</i>)	G5?T3	S1	--	E	5	2
Grass-leaved-goldenrod, coastal plain (<i>Euthamia caroliniana</i>)	G5	S2	--	T	1	12
Grass-of-Parnassus, fen (<i>Parnassia glauca</i>)	G5	S2	--	T	1	6
Grasswort, eastern (<i>Lilaeopsis chinensis</i>)	G5	S1	--	E	3	1
Green-dragon (<i>Arisaema dracontium</i>)	G5	S1	--	E	-	2
Ground-cedar, Sitka (<i>Diphasiastrum sitchense</i>)	G5	S1	--	E	4	1
Groundsel, balsam (<i>Packera paupercula</i>)	G5	S2	--	T	4	8
Groundsel, running (<i>Packera obovata</i>)	G5	S1	--	E	2	1
Hawkweed, narrow-leaved (<i>Hieracium umbellatum</i>)	G5	S1	--	E	-	1
Hawkweed, Robinson's (<i>Hieracium robinsonii</i>)	G2G3	S1	--	E	-	1
Hawthorn, Faxon's (<i>Crataegus faxonii</i>)	G5	S1	--	--	-	1
Hawthorn, Oakes' (<i>Crataegus oakesiana</i>)	GNR	S1	--	E	-	-
Hawthorn, Poplar (<i>Crataegus populnea</i>)	GNRQ	SH	--	--	2	-
Heather, Golden (<i>Hudsonia ericoides</i>)	G4	S1	--	E	7	3
Hempvine, climbing (<i>Mikania scandens</i>)	G5	S1	--	E	4	7
Horned-pondweed (<i>Zannichellia palustris</i>)	G5	S1	--	E	4	1
Horsebalm, northern (<i>Collinsonia canadensis</i>)	G5	SH	--	E	2	-
Horse-gentian, orange-fruited (<i>Triosteum aurantiacum</i>)	G5	S1	--	E	1	1
Horsetail, Marsh (<i>Equisetum palustre</i>)	G5	S1	--	E	10	2



Name	Rank		Listing		Known sites	
	Global	State	Federal	State	<1993	1993+
Hound's-tongue, wild (<i>Cynoglossum virginianum</i> ssp. <i>boreale</i>)	G5T4T5	S1	--	E	5	3
Huckleberry, Dwarf (<i>Gaylussacia bigeloviana</i>)	G5T4T5	S2	--	T	8	3
Hudsonia, Hairy (<i>Hudsonia tomentosa</i>)	G5	S2	--	T	3	14
Iris, slender blue (<i>Iris prismatica</i>)	G4G5	S1	--	E	8	3
Juniper, Creeping (<i>Juniperus horizontalis</i>)	G5	S1	--	E	-	2
Knotweed, Douglas' (<i>Polygonum douglasii</i>)	G5	S2	--	T	2	10
Knotweed, prolific yellow-flowered (<i>Polygonum ramosissimum</i> ssp. <i>prolificum</i>)	G5T4T5	S1	--	E	8	2
Knotweed, Slender (<i>Polygonum tenue</i>)	G5	S1	--	E	2	3
Knotweed, upright (<i>Polygonum erectum</i>)	G5	SH	--	E	3	-
Ladies'-tresses, Case's (<i>Spiranthes casei</i>)	G4	S1	--	E	3	1
Ladies'-tresses, shining (<i>Spiranthes lucida</i>)	G5	S1	--	E	2	4
Lady's-slipper, greater yellow (<i>Cypripedium parviflorum</i> var. <i>makasin</i>)	G5T4Q	S1	--	E	9	1
Lady's-slipper, large yellow (<i>Cypripedium parviflorum</i> var. <i>pubescens</i>)	G5T5	S2	--	T	12	8
Lady's-slipper, ram's-head (<i>Cypripedium arietinum</i>)	G3	S1	--	E	10	3
Lady's-slipper, showy (<i>Cypripedium reginae</i>)	G4	S1	--	E	3	4
Lily, Turk's-cap (<i>Lilium superbum</i>)	G5	S1	--	E	-	1
Lobelia, brook (<i>Lobelia kalmii</i>)	G5	S2	--	T	8	10
Lobelia, Great (<i>Lobelia siphilitica</i>)	G5T5	S1	--	E	-	1
Lovegrass, sandbar (<i>Eragrostis frankii</i>)	G5	SH	--	E	2	-
Lovegrass, teal (<i>Eragrostis hypnoides</i>)	G5	SH	--	E	1	-
Lupine, Wild (<i>Lupinus perennis</i>)	G5	S2	--	T	12	17
Maple, Black (<i>Acer nigrum</i>)	G5	S2	--	T	4	6
Mare's-tail, common (<i>Hippuris vulgaris</i>)	G5	S2	--	T	2	8
Meadow-rue, anemone (<i>Thalictrum thalictroides</i>)	G5	S1	--	E	4	2
Meadow-rue, waxy-leaved (<i>Thalictrum revolutum</i>)	G5	S1	--	--	1	1
Mermaid-weed, comb-leaved (<i>Proserpinaca pectinata</i>)	G5	SH	--	E	3	-
Milk-vetch, Alpine (<i>Astragalus alpinus</i> var. <i>brunetianus</i>)	G5T3	SX	--	--	4	-
Milk-vetch, Jesup's (<i>Astragalus robbinsii</i> var. <i>jesupii</i>)	G5T1	S1	E	E	-	3
Milkweed, butterfly (<i>Asclepias tuberosa</i>)	G5?	S1	--	E	7	2
Milkweed, clasping (<i>Asclepias amplexicaulis</i>)	G5	S2	--	T	7	7
Milkweed, Four-leaved (<i>Asclepias quadrifolia</i>)	G5	S1	--	E	5	3
Milkweed, Purple (<i>Asclepias purpurascens</i>)	G5?	SH	--	E	4	-
Milkwort, Drum-heads (<i>Polygala cruciata</i> ssp. <i>aquilonia</i>)	G5T4	SH	--	E	3	-
Monkey-flower, musky (<i>Mimulus moschatus</i>)	G5	S1	--	E	2	3
Moonseed, Canada (<i>Menispermum canadense</i>)	G5	SH	--	E	1	-
Moss, Peat (<i>Sphagnum andersonianum</i>)	G3?	S2	--	T	-	1
Moss, Peat (<i>Sphagnum angermanicum</i>)	G3G4	S1	--	E	-	1
Moss, Peat (<i>Sphagnum brevifolium</i>)	G5T4T5	SH	--	E	1	-
Moss, Peat (<i>Sphagnum contortum</i>)	G5	S2	--	T	3	7
Moss, Peat (<i>Sphagnum flavicomans</i>)	G3	S1	--	E	-	3
Moss, Peat (<i>Sphagnum lindbergii</i>)	G5?	S1	--	E	-	2
Moss, Peat (<i>Sphagnum majus</i> ssp. <i>norvegicum</i>)	G5?TNR	S2	--	T	-	1
Moss, Peat (<i>Sphagnum pylaesii</i>)	G4	S2	--	T	1	1
Moss, Peat (<i>Sphagnum riparium</i>)	G5	S2	--	T	1	3
Moss, Peat (<i>Sphagnum subfulvum</i>)	GNR	SH	--	E	1	-
Moss, Peat (<i>Sphagnum wulfianum</i>)	G5	S2	--	T	-	1
Moss-plant (<i>Harrimanella hypnoides</i>)	G5	S1	--	E	1	4
Mountain-heath, purple (<i>Phyllodoce caerulea</i>)	G5	S2	--	T	1	6
Mountain-mint, hoary (<i>Pycnanthemum incanum</i>)	G5	S1	--	E	2	3
Mountain-mint, Torrey's (<i>Pycnanthemum torrei</i>)	G2	SH	--	E	1	-
Mountain-mint, Virginia (<i>Pycnanthemum virginianum</i>)	G5	S1	--	E	2	1
Mountain-sorrel (<i>Oxyria digyna</i>)	G5	S1	--	E	-	2
Mud-plantain, grass-leaved (<i>Heteranthera dubia</i>)	G5	S2	--	T	2	10



Name	Rank		Listing		Known sites	
	Global	State	Federal	State	<1993	1993+
Mudwort, Atlantic (<i>Limosella australis</i>)	G4G5	S1	--	E	1	1
Muhly, rock (<i>Muhlenbergia sobolifera</i>)	G5	S1	--	E	4	1
Muhly, slender (<i>Muhlenbergia tenuiflora</i>)	G5	SH	--	E	3	-
Nutsedge, Few-flowered (<i>Scleria pauciflora</i> var. <i>pauciflora</i>)	G5T5?	SH	--	E	1	-
Nutsedge, Netted (<i>Scleria reticularis</i>)	G4	S1	--	E	-	1
Oak, Mossy-cup (<i>Quercus macrocarpa</i>)	G5	S1	--	E	1	1
Orache, saline (<i>Atriplex subspicata</i>)	G5	S1	--	E	-	-
Orchid, Loesel's wide-lipped (<i>Liparis loeselii</i>)	G5	S2	--	T	19	6
Orchid, round-leaved (<i>Amerorchis rotundifolia</i>)	G5	SH	--	E	1	-
Orchid, showy (<i>Galearis spectabilis</i>)	G5	S2	--	T	5	11
Orchid, Three-birds (<i>Triphora trianthophora</i>)	G3G4	S2	--	T	9	13
Painted-cup, northern (<i>Castilleja septentrionalis</i>)	G5	S1	--	E	4	4
Painted-cup, Scarlet (<i>Castilleja coccinea</i>)	G5	SX	--	--	2	-
Panicgrass, Philadelphia (<i>Panicum philadelphicum</i>)	G5	SH	--	E	8	-
Pearlwort, boreal knotted (<i>Sagina nodosa</i> ssp. <i>borealis</i>)	G5T5	SH	--	E	1	-
Pine, Jack (<i>Pinus banksiana</i>)	G5	S2	--	T	2	6
Pine-drops (<i>Pterospora andromedea</i>)	G5	S1	--	E	2	1
Pinweed, narrow-leaved (<i>Lechea tenuifolia</i>)	G5	S1	--	E	2	2
Pogonia, Large Whorled (<i>Isotria verticillata</i>)	G5	S1	--	E	2	2
Pogonia, Small Whorled (<i>Isotria medeoloides</i>)	G2	S2	T	T	13	38
Pond-lily, small-leaved (<i>Nuphar microphylla</i>)	G5T4T5	SH	--	E	2	-
Pondweed, blunt-leaved (<i>Potamogeton obtusifolius</i>)	G5	SH	--	E	4	-
Pondweed, Budding (<i>Potamogeton gemmiparus</i>)	G5T3	SH	--	E	6	-
Pondweed, flat-stem (<i>Potamogeton zosteriformis</i>)	G5	S1	--	E	6	5
Pondweed, Leafy (<i>Potamogeton foliosus</i>)	G5	SH	--	E	5	-
Pondweed, long-leaved (<i>Potamogeton nodosus</i>)	G5	S2	--	T	8	16
Pondweed, reddish (<i>Potamogeton alpinus</i>)	G5	S1	--	E	6	1
Pondweed, Richardson's (<i>Potamogeton richardsonii</i>)	G5	SH	--	--	1	-
Pondweed, Sago false (<i>Stuckenia pectinata</i>)	G5	S1	--	E	7	2
Pondweed, thread-leaved false (<i>Stuckenia filiformis</i>)	G5	SH	--	E	2	-
Pondweed, Vasey's (<i>Potamogeton vaseyi</i>)	G4	S1	--	E	8	5
Pondweed, white-stemmed (<i>Potamogeton praelongus</i>)	G5	SH	--	E	1	-
Prickly-ash, common (<i>Zanthoxylum americanum</i>)	G5	SH	--	E	1	-
Pygmy-weed (<i>Crassula aquatica</i>)	G5	S1	--	E	2	2
Quillwort, Acadian (<i>Isoetes acadensis</i>)	G3Q	SH	--	E	3	-
Quillwort, Canada shore (<i>Isoetes riparia</i> var. <i>canadensis</i>)	G5?TNRQ	S1	--	E	12	3
Quillwort, Engelmann's (<i>Isoetes engelmannii</i>)	G4	S1	--	E	14	1
Quillwort, lake (<i>Isoetes lacustris</i>)	G5	SH	--	E	5	-
Rabbit-tobacco, Weatherby's (<i>Pseudognaphalium micradenium</i>)	G4G5T3?	SH	--	E	1	-
Rattlebox, arrow-head (<i>Crotalaria sagittalis</i>)	G5	SH	--	E	1	-
Rattlesnake-root, Boott's (<i>Nabalus boottii</i>)	G2	S1	--	E	-	6
Rattlesnake-root, lion's-foot (<i>Nabalus serpentarius</i>)	G5	SH	--	E	3	-
Redtop-panicgrass, Long-leaved (<i>Coleataenia longifolia</i> ssp. <i>longifolia</i>)	G5T5?	SH	--	E	1	-
Reed grass, northern neglected (<i>Calamagrostis stricta</i> ssp. <i>inexpansa</i>)	G5T5	S2	--	T	9	7
Reed, American (<i>Phragmites americanus</i>)	G5T4	S1	--	--	-	1
Rhododendron, Giant (<i>Rhododendron maximum</i>)	G5	S2	--	T	8	5
Rock-brake, slender (<i>Cryptogramma stelleri</i>)	G5	S1	--	E	3	3
Rockcress, green (<i>Boechera missouriensis</i>)	G5	S2	--	T	8	6
Rockcress, sicklepod (<i>Boechera canadensis</i>)	G5	S2	--	T	3	5
Rockcress, smooth (<i>Boechera laevigata</i>)	G5	S1	--	E	4	2
Rose, bristly (<i>Rosa acicularis</i> ssp. <i>sayi</i>)	G5T5	S1	--	E	1	1
Rosebay, Lapland (<i>Rhododendron lapponicum</i>)	G5	S1	--	E	-	1
Rose-mallow, swamp (<i>Hibiscus moscheutos</i>)	G5	S1	--	E	-	2
Rosette-panicgrass, round-fruited (<i>Dichanthelium sphaerocarpon</i>)	G5	S1	--	E	1	1



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	Global	State	Federal	State	<1993	1993+
Rush, forked (<i>Juncus dichotomus</i>)	G5	SH	--	E	1	-
Rush, lopsided (<i>Juncus secundus</i>)	G5?	SH	--	E	6	-
Rush, Moor (<i>Juncus stygius</i> ssp. <i>americanus</i>)	G5T5	S1	--	E	-	1
Rush, northern green (<i>Juncus alpinoarticulatus</i> ssp. <i>americanus</i>)	G5T5	S1	--	E	-	1
Rush, northern wood (<i>Luzula confusa</i>)	G5	SH	--	E	3	-
Rush, small-headed (<i>Juncus brachycephalus</i>)	G5	SH	--	E	6	-
Rush, spiked wood (<i>Luzula spicata</i>)	G5	S1	--	E	6	2
Sandbur, long-spined (<i>Cenchrus longispinus</i>)	G5	S1	--	E	10	1
Sandgrass, purple (<i>Triplasis purpurea</i>)	G4G5	SH	--	E	1	-
Sandmat, seaside (<i>Euphorbia polygonifolia</i>)	G5?	SH	--	--	5	-
Sandplant, Appalachian (<i>Minuartia glabra</i>)	G4	S1	--	E	3	5
Sandplant, Michaux's (<i>Minuartia michauxii</i>)	G5	S1	--	E	1	2
Sanicle, Canada (<i>Sanicula canadensis</i>)	G5	SH	--	E	2	-
Sanicle, clustered (<i>Sanicula odorata</i>)	G5	S1	--	E	7	2
Sanicle, large-fruited (<i>Sanicula trifoliata</i>)	G4	S2	--	T	7	9
Saxifrage, alpine-brook (<i>Saxifraga rivularis</i>)	G5?	S1	--	E	-	2
Saxifrage, Nodding (<i>Saxifraga cernua</i>)	G4	S1	--	E	-	1
Saxifrage, white mountain (<i>Saxifraga paniculata</i> ssp. <i>neogaea</i>)	G5T5?	S1	--	E	-	2
Sclerolepis (<i>Sclerolepis uniflora</i>)	G4	S1	--	E	-	1
Screwstem, Purple (<i>Bartonia iodandra</i>)	G3G5	SH	--	E	1	-
Screwstem, Twining (<i>Bartonia paniculata</i>)	G5	S1	--	E	-	1
Sea-blite, American (<i>Suaeda calceoliformis</i>)	G5	S1	--	E	-	-
Sea-blite, Rich's herbaceous (<i>Suaeda maritima</i> ssp. <i>richii</i>)	G5T3	S1	--	E	-	1
Seaside-sandwort (<i>Honckenya peploides</i> ssp. <i>robusta</i>)	G5T4	SX	--	--	1	-
Sedge, Back's (<i>Carex backii</i>)	G4	S1	--	E	11	3
Sedge, Bailey's (<i>Carex baileyi</i>)	G4	S2	--	T	4	7
Sedge, beaked (<i>Carex rostrata</i>)	G5	S1	--	E	1	2
Sedge, Bigelow's (<i>Carex bigelowii</i>)	G5	S2	--	T	3	10
Sedge, blue (<i>Carex glaucodea</i>)	G5T5	S1	--	E	1	1
Sedge, bristle-leaved (<i>Carex eburnea</i>)	G5	S1	--	E	1	1
Sedge, Broad-winged (<i>Carex alata</i>)	G5	SH	--	E	2	-
Sedge, brown bog (<i>Carex buxbaumii</i>)	G5	S1	--	E	-	1
Sedge, bur-reed (<i>Carex sparganioides</i>)	G5	S1	--	E	3	2
Sedge, button (<i>Carex bullata</i>)	G5	S1	--	E	3	2
Sedge, Canadian single-spike (<i>Carex scirpoidea</i>)	G5	S2	--	T	8	5
Sedge, capitate (<i>Carex arctogena</i>)	G5T4?	S1	--	E	-	2
Sedge, Chestnut (<i>Carex castanea</i>)	G5	S1	--	E	1	2
Sedge, clustered (<i>Carex cumulata</i>)	G4?	S2	--	T	7	12
Sedge, crested (<i>Carex cristatella</i>)	G5	S1	--	E	7	5
Sedge, dry land (<i>Carex siccata</i>)	G5	S1	--	E	3	2
Sedge, elk (<i>Carex garberi</i>)	G5	S2	--	T	-	7
Sedge, Fescue (<i>Carex festucea</i>)	G5	SH	--	E	1	-
Sedge, Golden-fruited (<i>Carex aurea</i>)	G5	S2	--	T	4	7
Sedge, Gray's Umbrella (<i>Cyperus grayi</i>)	G5	S1	--	E	-	1
Sedge, Hair-like (<i>Carex capillaris</i> ssp. <i>fuscidula</i>)	G5TNR	S1	--	E	1	1
Sedge, Hairy-fruited (<i>Carex trichocarpa</i>)	G4	S1	--	E	1	2
Sedge, Hitchcock's (<i>Carex hitchcockiana</i>)	G5	S1	--	E	-	1
Sedge, Houghton's Umbrella (<i>Cyperus houghtonii</i>)	G4?	S1	--	E	6	-
Sedge, Incurved Umbrella (<i>Cyperus squarrosus</i>)	G5	S1	--	E	5	5
Sedge, lesser tussock (<i>Carex diandra</i>)	G5	S2	--	T	3	6
Sedge, limestone-meadow (<i>Carex granularis</i>)	G5	S1	--	E	2	4
Sedge, Livid (<i>Carex livida</i>)	G5	S1	--	E	-	1
Sedge, meager (<i>Carex exilis</i>)	G5	S1	--	E	3	4
Sedge, parasol (<i>Carex umbellata</i>)	G5	S1	--	E	11	1



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	Global	State	Federal	State	<1993	1993+
Sedge, red-root umbrella (<i>Cyperus erythrorhizos</i>)	G5	S1	--	E	1	2
Sedge, Reflexed (<i>Carex retroflexa</i>)	G5	S1	--	E	2	2
Sedge, Rigid (<i>Carex tetanica</i>)	G4G5	SX	--	--	1	-
Sedge, rope-root (<i>Carex chordorrhiza</i>)	G5	S1	--	E	-	3
Sedge, scabrous black (<i>Carex atratiformis</i>)	G5	S1	--	E	2	1
Sedge, smooth black (<i>Carex nigra</i>)	G5	S1	--	E	9	2
Sedge, sparse-flowered (<i>Carex tenuiflora</i>)	G5	S1	--	E	-	1
Sedge, Summer (<i>Carex aestivalis</i>)	G4	S1	--	E	2	1
Sedge, Swarthy (<i>Carex adusta</i>)	G5	SH	--	E	1	-
Sedge, Thin-leaved (<i>Carex cephaloidea</i>)	G5	S2	--	T	4	1
Sedge, Troublesome (<i>Carex molesta</i>)	G4	SH	--	E	1	-
Sedge, variable (<i>Carex polymorpha</i>)	G3	S1	--	E	1	1
Sedge, Walter's (<i>Carex striata</i>)	G4G5	S1	--	E	-	1
Sedge, weak stellate (<i>Carex seorsa</i>)	G4	S1	--	E	-	3
Sedge, white bear (<i>Carex albursina</i>)	G5	S1	--	E	1	1
Sedge, Wiegand's (<i>Carex wiegandii</i>)	G4	S1	--	E	2	5
Senna, northern wild (<i>Senna hebecarpa</i>)	G5	S1	--	E	9	1
Sensitive-pea, wild (<i>Chamaecrista nictitans</i>)	G5	SH	--	E	1	-
Shinleaf, pink (<i>Pyrola asarifolia</i>)	G5	S1	--	E	6	3
Sibbaldia (<i>Sibbaldia procumbens</i>)	G5	S1	--	E	-	1
Silverling (<i>Paronychia argyrocoma</i>)	G4	S2	--	T	3	18
Silverweed, common (<i>Argentina anserina</i>)	G5	S1	--	--	1	6
Smartweed, stout dotted (<i>Persicaria robustior</i>)	G4G5	S1	--	E	4	2
Speedwell, American alpine (<i>Veronica wormskjoldii</i>)	G4G5	S1	--	E	1	3
Spikesedge, few-flowered (<i>Eleocharis quinqueflora</i> ssp. <i>fernaldii</i>)	G5TNRQ	S1	--	E	4	2
Spikesedge, little-headed (<i>Eleocharis parvula</i>)	G5	S2	--	T	9	14
Spikesedge, long-tuberclad (<i>Eleocharis tuberculosa</i>)	G5	SH	--	E	5	-
Spikesedge, mudflat (<i>Eleocharis intermedia</i>)	G5	S1	--	E	3	1
Spikesedge, one-glumed (<i>Eleocharis uniglumis</i>)	G5?	S2	--	T	4	8
Spikesedge, ovoid (<i>Eleocharis ovata</i>)	G5	SH	--	E	12	-
Spikesedge, Pease's blunt (<i>Eleocharis obtusa</i> var. <i>peasei</i>)	G5TNR	SH	--	--	1	-
Spikesedge, quill (<i>Eleocharis nitida</i>)	G4	SH	--	E	2	-
Spikesedge, red-footed (<i>Eleocharis erythropoda</i>)	G5	S1	--	E	3	1
Spikesedge, Wright's (<i>Eleocharis diandra</i>)	G1G2	SH	--	E	3	-
Spleenwort, walking (<i>Asplenium rhizophyllum</i>)	G5	S1	--	E	5	1
Sprangletop, bearded (<i>Leptochloa fusca</i> ssp. <i>fascicularis</i>)	G5T5	SH	--	E	1	-
Spurred-gentian, American (<i>Halenia deflexa</i>)	G5	S2	--	T	1	6
St. John's-Wort, Great (<i>Hypericum ascyron</i>)	G4	S1	--	E	4	3
Star-grass, common (<i>Hypoxis hirsuta</i>)	G5	S2	--	T	10	6
Stickseed, Nodding (<i>Hackelia deflexa</i> ssp. <i>americana</i>)	G5T5	SH	--	E	1	-
Stickseed, Virginia (<i>Hackelia virginiana</i>)	G5	S1	--	E	12	10
Sweet-cicely, mountain (<i>Osmorhiza berteroi</i>)	G5	S1	--	E	17	5
Sweet-caltsfoot, northern (<i>Petasites frigidus</i> var. <i>palmatius</i>)	G5T5	S1	--	E	5	4
Thistle, Yellow (<i>Cirsium horridulum</i>)	G5	SH	--	E	3	-
Thoroughwort, hairy (<i>Eupatorium pubescens</i>)	G5T5	S1	--	E	1	1
Thoroughwort, upland (<i>Eupatorium sessilifolium</i>)	G5	SH	--	E	2	-
Threeawn, red (<i>Aristida longespica</i> var. <i>geniculata</i>)	G5T5?	S1	--	E	3	6
Threeawn, seaside (<i>Aristida tuberculosa</i>)	G5	S1	--	E	-	2
Three-seeded-Mercury, Virginia (<i>Acalypha virginica</i>)	G5	SH	--	E	5	-
Tick-trefoil, large-bracted (<i>Desmodium cuspidatum</i>)	G5	SH	--	E	3	-
Tick-trefoil, round-leaved trailing (<i>Desmodium rotundifolium</i>)	G5	S2	--	T	5	7
Tick-trefoil, smooth small-leaved (<i>Desmodium marilandicum</i>)	G5	S1	--	E	2	2
Tick-trefoil, stiff (<i>Desmodium obtusum</i>)	G4G5	SH	--	E	2	-
Timothy, mountain (<i>Phleum alpinum</i>)	G5	S1	--	E	2	3



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	Global	State	Federal	State	<1993	1993+
Toadflax, false (<i>Geocaulon lividum</i>)	G5	S1	--	E	6	5
Toothcup (<i>Rotala ramosior</i>)	G5	SH	--	E	1	-
Toothwort, cut-leaved (<i>Cardamine concatenata</i>)	G5	S1	--	E	5	1
Toothwort, Large (<i>Cardamine maxima</i>)	G5	S2	--	T	1	5
Twayblade, Auricled (<i>Neottia auriculata</i>)	G3G4	S1	--	E	4	4
Twayblade, Broad-leaved (<i>Neottia convallarioides</i>)	G5	S2	--	T	9	14
Twayblade, Heart-leaved (<i>Neottia cordata</i>)	G5	S2	--	T	16	7
Valerian, Marsh (<i>Valeriana uliginosa</i>)	G4Q	SH	--	E	1	-
Violet, bird-foot (<i>Viola pedata</i>)	G5	S2	--	T	6	9
Violet, northern bog (<i>Viola nephrophylla</i>)	G5	SH	--	E	8	-
Violet, northern marsh (<i>Viola palustris</i>)	G5	S2	--	T	1	5
Violet, Palmate (<i>Viola palmata</i>)	G5	S1	--	E	4	1
Virgin's-bower, purple (<i>Clematis occidentalis</i>)	G5	S1	--	E	23	2
Water-awwort, American (<i>Subularia aquatica</i> ssp. <i>americana</i>)	G5T5	S1	--	E	4	1
Waterleaf, eastern (<i>Hydrophyllum virginianum</i>)	G5	S2	--	T	3	13
Water-marigold, Beck's (<i>Bidens beckii</i>)	G4G5	S2	--	T	5	7
Waterwort, American (<i>Elatine americana</i>)	G4	SH	--	E	2	-
Wedgescale, prairie (<i>Sphenopholis obtusata</i>)	G5	SH	--	E	2	-
Weed, hollow Joe-Pye (<i>Eutrochium fistulosum</i>)	G5?	S1	--	E	6	4
White-topped-aster, narrow-leaved (<i>Sericocarpus linifolius</i>)	G5	S1	--	E	4	1
Whitlow-mustard, Canescent (<i>Draba cana</i>)	G5	S1	--	E	-	1
Whitlow-wort, smooth forked (<i>Paronychia canadensis</i>)	G5	S1	--	E	4	4
Wild-rye, early (<i>Elymus macgregorii</i>)	GNR	S1	--	E	-	-
Willow, Bearberry (<i>Salix uva-ursi</i>)	G5	S2	--	T	-	6
Willow, Bog (<i>Salix pedicellaris</i>)	G5?	S2	--	--	-	-
Willow, Labrador (<i>Salix argyrocarpa</i>)	G4	S1	--	E	-	2
Willow, Sandbar (<i>Salix exigua</i> ssp. <i>interior</i>)	G5	S1	--	E	2	5
Willow, satiny (<i>Salix pellita</i>)	G5	S1	--	E	15	1
Willow, snow-bed (<i>Salix herbacea</i>)	G5	S1	--	E	1	3
Willow, Tea-leaved (<i>Salix planifolia</i>)	G5	S2	--	T	1	6
Willow-herb, Hornemann's (<i>Epilobium hornemannii</i>)	G5	S2	--	T	7	7
Willow-herb, pimpernel (<i>Epilobium anagallidifolium</i>)	G5	SH	--	E	2	-
Willow-herb, white-flowered (<i>Epilobium lactiflorum</i>)	G5	SH	--	E	1	-
Windflower, long-headed (<i>Anemone cylindrica</i>)	G5	SH	--	E	11	-
Winterberry, evergreen (<i>Ilex glabra</i>)	G5	SH	--	E	1	-
Wormwood, field (<i>Artemisia campestris</i> ssp. <i>caudata</i>)	G5T5	S1	--	E	1	3
Yellow-loosestrife, tufted (<i>Lysimachia thyrsoiflora</i>)	G5	S2	--	T	4	6
Yellow-rattle, Greenland little (<i>Rhinanthus minor</i> ssp. <i>groenlandicus</i>)	G5T5?	S1	--	E	3	1
Yellow-rocket, American (<i>Barbarea orthoceras</i>)	G5	SH	--	E	1	-

Rank Prefix:

G = Global Rank
 S = State Rank
 T = Global or State Rank for
 a subspecies or variety

Rank Suffix:

1 = Critically imperiled
 2 = Imperiled
 3 = Vulnerable
 4 = Apparently secure
 5 = Secure

H = Occurred historically, not seen recently
 X = Extirpated

NR / U = Not ranked / Unknown
 Q = Questionable taxonomy
 ? = Uncertain

Listing Codes:

E = Endangered
 T = Threatened

Rare Species Occurrence Record

Please fill out this form to report the location of a rare plant or animal species to the New Hampshire Natural Heritage Bureau. Required information is indicated by an asterisk; other items are desirable but not required. Rare species lists are at: www.dred.state.nh.us/divisions/forestandlands/bureaus/naturalheritage/listsforms.htm. Call (603) 271-2214 with any questions. Thank you!

If sent to NHB as a Word document, use the naming convention "Name Town Mon dd", where "Name" = what was seen (common or scientific) and town, month & day are where & when it was seen, e.g., "Loon Squam Aug 12" or "Scirpus longii Derry Sep 12".

What and When

* Scientific Name:	
Common Name:	
* Date(s) Observed:	
* Who Observed It:	Phone # or email:

Location

Town Name:
* Map. Attach a map with the location marked. Ideally, use a USGS topographic map. If you hand-sketch the map, be sure to include a north arrow, scale, and landmarks such as roads and major water bodies. If you provide GPS coordinates, please tell us the model of the unit and the datum (e.g., WGS 84 or NAD 83). Directions. Write this as if you are telling someone how to get back to the exact site:

Taxonomy

* How did you identify the species? What traits helped you decide that you had seen this species? What similar species did you consider and how did you exclude them? Photos showing key characteristics are welcome. A specimen is usually required to document a new plant population, however, an entire plant should never be collected if there are < 20 plants present.
* Certainty of ID (1=dubious, 5=absolutely positive): If a specimen was collected, collector, collection number, and where the specimen is stored:

Biology

* How many? If there are a few, count them. If there are a lot, estimate (e.g. 50-100)

Plants: how are they distributed, in how large an area? For example: "In a tight clump about 2 feet square" or "Scattered over a 30 x 60 foot area"

Evidence of reproduction? Plants: flowers/fruit/seed. Animals: nests/youngsters... etc.

Local surroundings: what do you see when you look around the area? Is it a steep slope or the middle of a swamp? What are the most common plants?

Conservation Status (if known):

* Land ownership: name of owner (private) or area (if public).

Phone number of owner (if known):

Is the landowner aware that you are reporting this find to NH Heritage? Y/N

Factors that indicate how secure the occurrence is (e.g. evidence of disturbance / owner is interested in protecting it...)