



NEW HAMPSHIRE NATURAL HERITAGE BUREAU

DRED - DIVISION OF FORESTS & LANDS

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Rare Plant List for New Hampshire

General Copy



January 2012



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 Scientific names are standardized with the scientific names used by other Natural Heritage programs throughout North and South America. The primary references used are:

Flora of North America Editorial Committee. 1993-2003. *Flora of North America North of Mexico*. vols. 1-4, 22, 23, 25, 26. Oxford University Press, NY.

Kartesz, J.T. and R. Kartesz. 1980. *A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland*. vol. 2 – The Biota of North America. The University of North Carolina Press, Chapel Hill, NC.

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 came into effect on June 25, 2005. 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
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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	<1992	1992+
Anemone, Long-fruited (<i>Anemone cylindrica</i>)	G5	SH	--	E	11	-
Anemone, Rue (<i>Thalictrum thalictroides</i>)	G5	S1	--	E	4	2
Arethusa (<i>Arethusa bulbosa</i>)	G4	S1	--	E	16	5
Arnica, Hairy (<i>Arnica lanceolata</i>)	G3	S2	--	T	3	7
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
Ash, Northern Prickly (<i>Zanthoxylum americanum</i>)	G5	SH	--	E	1	-
Asphodel, Sticky False (<i>Triantha glutinosa</i>)	G4G5	S1	--	E	-	4
Aster, Ciliated (<i>Symphotrichum ciliolatum</i>)	G5	S2	--	T	7	5
Aster, Large Salt Marsh (<i>Symphotrichum tenuifolium</i>)	G5	S1	--	E	2	3
Aster, Skydrop (<i>Symphotrichum patens</i>)	G5	S2	--	T	5	6
Aster, Snowy (<i>Oligoneuron album</i>)	G5	S1	--	E	-	2
Aster, White-topped (<i>Sericocarpus linifolius</i>)	G5	S1	--	E	3	2
Avens, Mountain (<i>Geum peckii</i>)	G2	S2	--	T	2	16
Awlwort (<i>Subularia aquatica</i> ssp. <i>americana</i>)	G5T5	S1	--	E	4	1
Azalea, Alpine (<i>Kalmia procumbens</i>)	G5	S2	--	T	2	2
Azalea, Pink (<i>Rhododendron periclymenoides</i>)	G5	SH	--	E	2	-
Baked Apple Berry (<i>Rubus chamaemorus</i>)	G5	S2	--	T	2	7
Bearberry, Alpine (<i>Arctous alpina</i>)	G5	S1	--	E	-	4
Bedstraw, Hairy (<i>Galium pilosum</i>)	G5	SH	--	E	4	-
Bedstraw, Large Marsh (<i>Galium obtusum</i>)	G5	SH	--	E	2	-
Bedstraw, Limestone Swamp (<i>Galium brevipes</i>)	G4?	S1	--	E	-	-
Beggarticks, Northern Estuarine (<i>Bidens hyperborea</i>)	G4	SH	--	E	1	-
Bellwort, Large-flowered (<i>Uvularia grandiflora</i>)	G5	S1	--	E	2	5
Bellwort, Perfoliate (<i>Uvularia perfoliata</i>)	G5	S1	--	E	1	1
Bidens, Smooth (<i>Bidens laevis</i>)	G5	S1	--	E	1	1
Bilberry, Dwarf (<i>Vaccinium cespitosum</i>)	G5	S2	--	T	11	5
Bindweed, Low (<i>Calystegia spithamea</i>)	G4G5	S1	--	E	7	1
Birch, Dwarf (<i>Betula glandulosa</i>)	G5	S2	--	T	3	6
Birch, River (<i>Betula nigra</i>)	G5	S2	--	T	3	7
Birch, Small (<i>Betula minor</i>)	G4Q	S2	--	T	5	7
Birch, Swamp (<i>Betula pumila</i>)	G5	S1	--	E	-	1
Blackberry, Wedge Sand (<i>Rubus cuneifolius</i>)	G5	S1	--	E	-	1
Bladdernut (<i>Staphylea trifolia</i>)	G5	S2	--	T	1	5
Bladderwort, Reversed (<i>Utricularia resupinata</i>)	G4	SH	--	E	15	-
Blazing Star, Northern (<i>Liatris novae-angliae</i>)	G5?T3	S1	--	E	9	7
Blueberry, Alpine (<i>Vaccinium boreale</i>)	G4	S2	--	T	5	12
Bluegrass, Wavy (<i>Poa laxa</i> ssp. <i>fernaldiana</i>)	G5?T3	S1	--	E	5	2
Bluegrass, White (<i>Poa glauca</i>)	G5	SH	--	E	6	-
Bluejoint, Harsh (<i>Calamagrostis canadensis</i> var. <i>langsдорffii</i>)	G5T5	S1	--	E	1	1
Bluets, Long-leaved (<i>Houstonia longifolia</i>)	G4G5	S1	--	E	1	2
Boneset, Hairy (<i>Eupatorium pubescens</i>)	G5T5	S1	--	E	1	1
Boneset, Upland (<i>Eupatorium sessilifolium</i>)	G5	SH	--	E	2	-
Bulrush, Dwarf (<i>Lipocarpa micrantha</i>)	G5	SH	--	E	3	-
Bulrush, Georgia (<i>Scirpus georgianus</i>)	G5	S1	--	E	1	1
Bulrush, Leafy (<i>Scirpus polyphyllus</i>)	G5	SH	--	E	3	-
Bulrush, Lined (<i>Scirpus pendulus</i>)	G5	S1	--	E	4	1
Bulrush, Long's (<i>Scirpus longii</i>)	G2G3	S1	--	E	-	2
Bulrush, Northeastern (<i>Scirpus ancistrochaetus</i>)	G3	S1	E	E	-	7
Bur-reed, Branching (<i>Sparganium androcladum</i>)	G4G5	SH	--	E	2	-
Bur-reed, Large (<i>Sparganium eurycarpum</i>)	G5	S2	--	T	6	14
Bur-reed, Small (<i>Sparganium natans</i>)	G5	S2	--	T	-	-



Name	Rank		Listing		Known sites	
	Global	State	Federal	State	<1992	1992+
Bush-clover, Slender (<i>Lespedeza virginica</i>)	G5	S1	--	E	4	3
Bush-clover, Trailing (<i>Lespedeza procumbens</i>)	G5	S1	--	E	2	1
Buttercup, Early (<i>Ranunculus fascicularis</i>)	G5	S1	--	E	1	3
Butterfly Weed (<i>Asclepias tuberosa</i>)	G5?	S1	--	E	7	1
Butterwort, Common (<i>Pinguicula vulgaris</i>)	G5	S1	--	E	2	1
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	-
Chickweed, Smooth-forked (<i>Paronychia canadensis</i>)	G5	S1	--	E	4	4
Chives, Siberian (<i>Allium schoenoprasum</i>)	G5	S1	--	E	4	3
Cicely, Mountain Sweet (<i>Osmorhiza berteroi</i>)	G5	S1	--	E	17	5
Cinquefoil, Dwarf (<i>Potentilla robbinsiana</i>)	G1	S1	--	E	-	2
Cinquefoil, Pennsylvania (<i>Potentilla litoralis</i>)	G5T4T5	SH	--	E	2	-
Clematis, Purple (<i>Clematis occidentalis</i>)	G5	S1	--	E	23	2
Cliffbrake, Purple (<i>Pellaea atropurpurea</i>)	G5	S1	--	E	-	1
Cliffbrake, Slender (<i>Cryptogramma stelleri</i>)	G5	S1	--	E	3	3
Clubmoss, Sitka (<i>Diphasiastrum sitchense</i>)	G5	S1	--	E	4	1
Clubmoss, Slender Bog (<i>Lycopodiella appressa</i>)	G5	SH	--	E	1	-
Clubsedge, Bashful (<i>Trichophorum planifolium</i>)	G4G5	S1	--	E	-	2
Colic-root, White (<i>Aletris farinosa</i>)	G5	SH	--	E	1	-
Coltsfoot, Sweet (<i>Petasites frigidus</i> var. <i>palmatus</i>)	G5T5	S1	--	E	5	4
Comandra, Northern (<i>Geocaulon lividum</i>)	G5	S1	--	E	5	6
Comfrey, Wild (<i>Cynoglossum virginianum</i> var. <i>boreale</i>)	G5T4T5	S1	--	E	5	2
Coralroot, Autumn (<i>Corallorhiza odontorhiza</i>)	G5	S1	--	E	1	3
Corydalis, Golden (<i>Corydalis aurea</i>)	G5	SH	--	E	2	-
Cotton-grass, Narrow-leaved (<i>Eriophorum angustifolium</i>)	G5	S1	--	E	1	3
Cowlily, Tiny (<i>Nuphar microphylla</i>)	G5T4T5	SH	--	E	2	-
Crabgrass, Slender (<i>Digitaria filiformis</i> var. <i>filiformis</i>)	G5TNR	SH	--	E	4	-
Crabgrass, Smooth (<i>Digitaria filiformis</i> var. <i>laevigulumis</i>)	G5TNR	S1	--	E	-	-
Crane's-bill, Carolina (<i>Geranium carolinianum</i>)	G5	S1	--	E	3	2
Cress, Alpine Bitter (<i>Cardamine bellidifolia</i>)	G5	S1	--	E	2	3
Cress, American Winter (<i>Barbarea orthoceras</i>)	G5	SH	--	E	1	-
Cress, Bulbous Bitter (<i>Cardamine bulbosa</i>)	G5	S1	--	E	4	1
Cress, Hairy Rock (<i>Arabis pycnocarpa</i>)	G5T5	S1	--	E	2	2
Cress, Long's Bitter (<i>Cardamine longii</i>)	G3?	SH	--	E	1	-
Cress, Missouri Rock (<i>Boechera missouriensis</i>)	G5	S2	--	T	8	5
Cress, Smooth Rock (<i>Boechera laevigata</i>)	G5	S1	--	E	4	2
Cudweed, Mountain (<i>Omalotheca supina</i>)	G5	S1	--	E	2	1
Cup, Pale Painted (<i>Castilleja septentrionalis</i>)	G5	S1	--	E	3	4
Diapensia (<i>Diapensia lapponica</i>)	G5	S2	--	T	4	12
Dock, White (<i>Rumex pallidus</i>)	G4	S1	--	E	-	1
Dodder, Buttonbush (<i>Cuscuta cephalanthi</i>)	G5	S1	--	--	-	1
Dragon, Green (<i>Arisaema dracontium</i>)	G5	S1	--	E	-	2
Dropseed, Sand (<i>Sporobolus cryptandrus</i>)	G5	S1	--	E	3	1
Dropseed, Small (<i>Sporobolus neglectus</i>)	G5	SH	--	E	3	-
Duckweed, Pale (<i>Lemna valdiviana</i>)	G5	SH	--	E	4	-
Duckweed, Star (<i>Lemna trisulca</i>)	G5	S1	--	E	3	2
Elder, Marsh (<i>Iva frutescens</i>)	G5	S2	--	T	2	9
Everlasting, Heller's Sweet (<i>Pseudognaphalium micradenium</i>)	G4G5T3?	SH	--	E	1	-
Eyebright, Oakes' (<i>Euphrasia oakesii</i>)	G4	S1	--	E	-	2
Fairy-slipper (<i>Calypso bulbosa</i> ssp. <i>americana</i>)	G5T5?	SH	--	E	2	-
Featherfoil (<i>Hottonia inflata</i>)	G4	S1	--	E	1	5
Fern, Appalachian Filmy (<i>Trichomanes intricatum</i>)	G4G5	SH	--	E	2	-
Fern, Climbing (<i>Lygodium palmatum</i>)	G4	S1	--	E	3	2
Fern, Fragrant (<i>Dryopteris fragrans</i>)	G5	S2	--	T	5	10



Name	Rank		Listing		Known sites	
	Global	State	Federal	State	<1992	1992+
Fern, Male (<i>Dryopteris filix-mas</i> ssp. <i>brittonii</i>)	G5T4?	S1	--	E	-	1
Fern, Netted Chain (<i>Woodwardia areolata</i>)	G5	S1	--	E	3	1
Fern, Walking (<i>Asplenium rhizophyllum</i>)	G5	S1	--	E	5	1
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	-
Flag, Slender Blue (<i>Iris prismatica</i>)	G4G5	S1	--	E	8	3
Flax, Grooved Yellow (<i>Linum sulcatum</i>)	G5	SH	--	E	1	-
Fleabane, Salt Marsh (<i>Pluchea odorata</i> var. <i>succulenta</i>)	G5T3T5	S1	--	E	-	1
Foxglove, Downy False (<i>Aureolaria virginica</i>)	G5	S1	--	E	9	6
Fumitory, Climbing (<i>Adlumia fungosa</i>)	G4	S1	--	E	10	8
Gall-of-the-earth (<i>Nabalus serpentarius</i>)	G5	SH	--	E	3	-
Garlic, Wild (<i>Allium canadense</i>)	G5	S1	--	E	2	3
Gentian, Fringed (<i>Gentianopsis crinita</i>)	G5	S2	--	T	20	7
Gentian, Spurred (<i>Halenia deflexa</i>)	G5	S2	--	T	1	6
Gentian, Stiff (<i>Gentianella quinquefolia</i>)	G5	S1	--	E	6	1
Gerardia, Salt-marsh (<i>Agalinis maritima</i>)	G5	S1	--	E	4	5
Ginseng (<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
Goldenrod, Cutler's (<i>Solidago leiocarpa</i>)	G4	S2	--	T	4	5
Goldenrod, Grassleaf (<i>Euthamia caroliniana</i>)	G5	S2	--	T	1	10
Goldenrod, Showy (<i>Solidago speciosa</i>)	G5T5?	S1	--	E	-	1
Goldenrod, Square-stem (<i>Solidago patula</i>)	G5	SH	--	E	1	-
Goldenrod, Sweet (<i>Solidago odora</i>)	G5	S1	--	E	6	9
Goosefoot, Coast-blite (<i>Chenopodium rubrum</i>)	G5	S1	--	E	5	1
Goosefoot, Fogg's (<i>Chenopodium foggii</i>)	G2G3	S1	--	E	4	-
Grass, Alpine Meadow (<i>Poa pratensis</i> ssp. <i>alpigena</i>)	G5T5	S1	--	E	3	1
Grass, Alpine Sweet (<i>Anthoxanthum monticola</i>)	G5	S2	--	T	2	7
Grass, Beach (<i>Ammophila breviligulata</i>)	G5	S2	--	T	4	6
Grass, Bristle (<i>Graphephorum melicoides</i>)	G4	SH	--	E	1	-
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, Frank's Love (<i>Eragrostis frankii</i>)	G5	SH	--	E	2	-
Grass, Hairy Brome (<i>Bromus pubescens</i>)	G5	S1	--	E	3	2
Grass, Kalm's Brome (<i>Bromus kalmii</i>)	G5	SH	--	E	3	-
Grass, Moss Love (<i>Eragrostis hypnoides</i>)	G5	SH	--	E	1	-
Grass, Mucronated Blue-eyed (<i>Sisyrinchium mucronatum</i>)	G5	SH	--	E	1	-
Grass, Philadelphia Panic (<i>Panicum philadelphicum</i> var. <i>philadelphicum</i>)	G5	SH	--	E	8	-
Grass, Salt-meadow (<i>Leptochloa fusca</i> ssp. <i>fascicularis</i>)	G5T5	SH	--	E	1	-
Grass, Sand (<i>Triplasis purpurea</i>)	G4G5	SH	--	E	1	-
Grass, Sea Lyme (<i>Leymus mollis</i>)	G5	S1	--	E	1	1
Grass, Sea-beach Needle (<i>Aristida tuberculosa</i>)	G5	S1	--	E	-	2
Grass, Spherical Panic (<i>Dichantherium sphaerocarpon</i>)	G5	S1	--	E	1	1
Grass, Spiked Needle (<i>Aristida longespica</i> var. <i>geniculata</i>)	G5T5?	S1	--	E	3	6
Grass, Tundra Alkali (<i>Puccinellia pumila</i>)	G4G5	S1	--	E	5	2
Grass-of-Parnassus (<i>Parnassia glauca</i>)	G5	S2	--	T	1	6
Hairgrass, Mountain (<i>Vahlodea atropurpurea</i>)	G5	S1	--	E	7	1
Hawkweed, Robinson's (<i>Hieracium robinsonii</i>)	G2G3	S1	--	E	-	1
Hawkweed, Umbelled (<i>Hieracium umbellatum</i>)	G5	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	-
Heath, Mountain (<i>Phyllodoce caerulea</i>)	G5	S2	--	T	2	5



Name	Rank		Listing		Known sites	
	Global	State	Federal	State	<1992	1992+
Heather, Golden (<i>Hudsonia ericoides</i>)	G4	S1	--	E	6	4
Hempweed, Climbing (<i>Mikania scandens</i>)	G5	S1	--	E	5	5
Horsebalm, Canada (<i>Collinsonia canadensis</i>)	G5	SH	--	E	2	-
Horse-gentian, Orange (<i>Triosteum aurantiacum</i>)	G5	S1	--	E	1	1
Horsetail, Marsh (<i>Equisetum palustre</i>)	G5	S1	--	E	10	2
Huckleberry, Dwarf (<i>Gaylussacia bigeloviana</i>)	G5T4T5	S2	--	T	5	5
Hudsonia, Hairy (<i>Hudsonia tomentosa</i>)	G5	S2	--	T	3	13
Inkberry (<i>Ilex glabra</i>)	G5	SH	--	E	1	-
Juniper, Creeping (<i>Juniperus horizontalis</i>)	G5	S1	--	E	-	2
Knotweed, Douglas' (<i>Polygonum douglasii</i>)	G5	S2	--	T	2	9
Knotweed, Erect (<i>Polygonum erectum</i>)	G5	SH	--	E	3	-
Knotweed, Prolific (<i>Polygonum ramosissimum</i> ssp. <i>prolificum</i>)	G5T4T5	S1	--	E	8	1
Knotweed, Robust (<i>Persicaria robustior</i>)	G4G5	S1	--	E	4	2
Knotweed, Slender (<i>Polygonum tenue</i>)	G5	S1	--	E	2	3
Knotweed, Viviparous (<i>Bistorta vivipara</i>)	G5	S1	--	E	3	2
Lady's Slipper, Large Yellow (<i>Cypripedium parviflorum</i> var. <i>pubescens</i>)	G5T5	S2	--	T	12	8
Lilaeopsis, Eastern (<i>Lilaeopsis chinensis</i>)	G5	S1	--	E	3	1
Lily, Turk's Cap (<i>Lilium superbum</i>)	G5	S1	--	E	-	1
Lobelia, Great (<i>Lobelia siphilitica</i>)	G5T5	S1	--	E	-	1
Lobelia, Kalm's (<i>Lobelia kalmii</i>)	G5	S2	--	T	8	9
Loosestrife, Tufted (<i>Lysimachia thyrsiflora</i>)	G5	S2	--	T	4	6
Lupine, Wild (<i>Lupinus perennis</i>)	G5	S2	--	T	11	15
Mallow, Seaside (<i>Hibiscus moscheutos</i>)	G5	S1	--	E	-	2
Mannagrass, Eastern Floating (<i>Glyceria septentrionalis</i>)	G5	S1	--	E	-	-
Mannagrass, Sharp-flowered (<i>Glyceria acutiflora</i>)	G5	S1	--	E	6	3
Maple, Black (<i>Acer nigrum</i>)	G5	S2	--	T	4	6
Marigold, Water (<i>Bidens beckii</i>)	G4G5	S2	--	T	5	7
Meadow-rue, Waxy-leaf (<i>Thalictrum revolutum</i>)	G5	S1	--	--	1	1
Mercury, Virginia Three-seeded (<i>Acalypha virginica</i>)	G5	SH	--	E	5	-
Mermaidweed (<i>Proserpinaca pectinata</i>)	G5	SH	--	E	3	-
Milk-vetch, Alpine (<i>Astragalus alpinus</i> var. <i>brunetianus</i>)	G5T3	SX	--	--	4	-
Milkweed, Blunt-leaved (<i>Asclepias amplexicaulis</i>)	G5	S2	--	T	8	7
Milkweed, Four-leaved (<i>Asclepias quadrifolia</i>)	G5	S1	--	E	4	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	-
Mint, Hoary Mountain (<i>Pycnanthemum incanum</i>)	G5	S1	--	E	2	3
Mint, Torrey's Mountain (<i>Pycnanthemum torrei</i>)	G2	SH	--	E	1	-
Mint, Virginian Mountain (<i>Pycnanthemum virginianum</i>)	G5	S1	--	E	2	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
Mouth, Green Adder's (<i>Malaxis unifolia</i>)	G5	S2	--	T	40	16
Mouth, White Adder's (<i>Malaxis monophyllos</i> ssp. <i>brachypoda</i>)	G4Q	SH	--	E	3	-
Mudwort (<i>Limosella australis</i>)	G4G5	S1	--	E	1	1
Muhlenbergia, Slender-flowered (<i>Muhlenbergia tenuiflora</i>)	G5	SH	--	E	3	-



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Muhlenbergia, Sprout (<i>Muhlenbergia sobolifera</i>)	G5	SH	--	E	5	-
Muskflower (<i>Mimulus moschatus</i>)	G5	S1	--	E	2	2
Northern Reedgrass, New England (<i>Calamagrostis stricta</i> ssp. <i>inexpansa</i>)	G5T5	S2	--	T	8	7
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
Orchid, Pale Green (<i>Platanthera flava</i> var. <i>herbiola</i>)	G4?T4Q	S1	--	E	5	5
Orchid, Three-birds (<i>Triphora trianthophora</i>)	G3G4	S2	--	T	9	19
Orchis, One-leaf (<i>Amerorchis rotundifolia</i>)	G5	SH	--	E	1	-
Orchis, Showy (<i>Galearis spectabilis</i>)	G5	S2	--	T	5	11
Oyster Plant (<i>Mertensia maritima</i>)	G5	SX	--	--	1	-
Painted-cup, Scarlet (<i>Castilleja coccinea</i>)	G5	SX	--	--	2	-
Parilla, Yellow (<i>Menispermum canadense</i>)	G5	SH	--	E	1	-
Pearlwort, Greater (<i>Sagina nodosa</i> ssp. <i>borealis</i>)	G5T5	SH	--	E	1	-
Pimpernel, False (<i>Lindernia dubia</i> var. <i>anagallidea</i>)	G5T4	S1	--	E	-	4
Pimpernel, False Water (<i>Samolus valerandi</i> ssp. <i>parviflorus</i>)	G5T5	S1	--	E	3	2
Pine, Jack (<i>Pinus banksiana</i>)	G5	S2	--	T	1	7
Pinedrops, Giant (<i>Pterospora andromedea</i>)	G5	S1	--	E	2	1
Pinweed, Slender (<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	11	40
Pondweed, Bluntleaf (<i>Potamogeton obtusifolius</i>)	G5	SH	--	E	4	-
Pondweed, Budding (<i>Potamogeton gemmiparus</i>)	G5T3	SH	--	E	6	-
Pondweed, Flatstem (<i>Potamogeton zosteriformis</i>)	G5	S1	--	E	6	4
Pondweed, Horned (<i>Zannichellia palustris</i>)	G5	S1	--	E	5	1
Pondweed, Knotty (<i>Potamogeton nodosus</i>)	G5	S2	--	T	10	9
Pondweed, Leafy (<i>Potamogeton foliosus</i>)	G5	SH	--	E	5	-
Pondweed, Northern Slender (<i>Stuckenia filiformis</i>)	G5	SH	--	E	2	-
Pondweed, Richardson's (<i>Potamogeton richardsonii</i>)	G5	SH	--	--	1	-
Pondweed, Sago (<i>Stuckenia pectinata</i>)	G5	S1	--	E	7	2
Pondweed, Thin-leaved Alpine (<i>Potamogeton alpinus</i>)	G5	S1	--	E	6	1
Pondweed, Vasey's (<i>Potamogeton vaseyi</i>)	G4	S1	--	E	8	3
Pondweed, White-stem (<i>Potamogeton praelongus</i>)	G5	SH	--	E	1	-
Pygmy Weed (<i>Crassula aquatica</i>)	G5	SH	--	E	2	-
Quillwort, Acadian (<i>Isoetes acadensis</i>)	G3Q	S1	--	E	-	-
Quillwort, Engelmann's (<i>Isoetes engelmannii</i>)	G4	S1	--	E	14	1
Quillwort, Large-spored (<i>Isoetes lacustris</i>)	G5	SH	--	E	5	-
Quillwort, River Bank (<i>Isoetes riparia</i> var. <i>canadensis</i>)	G5?TNRQ	S1	--	E	13	2
Ragwort, Dwarf (<i>Packera pauperula</i>)	G5	S2	--	T	5	6
Ragwort, Round-leaved (<i>Packera obovata</i>)	G5	S1	--	E	1	1
Rattle, Yellow (<i>Rhinanthus minor</i> ssp. <i>groenlandicus</i>)	G5T5?	SH	--	E	4	-
Rattlebox, Arrow-headed (<i>Crotalaria sagittalis</i>)	G5	SH	--	E	1	-
Redtop-panicgrass, Long-leaved (<i>Coleataenia longifolia</i> ssp. <i>longifolia</i>)	G5T5?	SH	--	E	1	-
Reedgrass, Neglected (<i>Calamagrostis stricta</i> ssp. <i>stricta</i>)	G5T5	SH	--	E	1	-
Reedgrass, Nuttall's (<i>Calamagrostis cinnoides</i>)	G5	S1	--	E	5	1
Rhododendron, Giant (<i>Rhododendron maximum</i>)	G5	S2	--	T	6	7
Rice, Canadian Mountain (<i>Piptatherum canadense</i>)	G5	S1	--	E	4	2
Root, Boott's Rattlesnake (<i>Nabalus boottii</i>)	G2	S1	--	E	-	5
Rose, Prickly (<i>Rosa acicularis</i> ssp. <i>sayi</i>)	G5T5	S1	--	E	1	1
Rosebay, Lapland (<i>Rhododendron lapponicum</i>)	G5	S1	--	E	-	1
Rue, Goat's (<i>Tephrosia virginiana</i>)	G5	S1	--	E	5	1
Rush, Alpine (<i>Juncus alpinoarticulatus</i> ssp. <i>americanus</i>)	G5T5	S1	--	E	-	1
Rush, Flat-leaved (<i>Juncus dichotomus</i>)	G5	SH	--	E	1	-



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Rush, Moor (<i>Juncus stygius</i> ssp. <i>americanus</i>)	G5T5	S1	--	E	-	1
Rush, One-sided (<i>Juncus secundus</i>)	G5?	SH	--	E	6	-
Rush, Short-fruited (<i>Juncus brachycephalus</i>)	G5	SH	--	E	6	-
Rye, Macgregor's Wild (<i>Elymus macgregorii</i>)	GNR	S1	--	E	-	-
Sagittaria, Quill-leaved (<i>Sagittaria teres</i>)	G3	S1	--	E	-	1
Saltbush, Saline (<i>Atriplex subspicata</i>)	G5	S1	--	E	-	-
Sandbur, Common (<i>Cenchrus longispinus</i>)	G5	S1	--	E	10	1
Sandwort, Rock (<i>Minuartia michauxii</i>)	G5	S1	--	E	1	2
Sandwort, Smooth (<i>Minuartia glabra</i>)	G4	S1	--	E	3	5
Sanicle, Beaked (<i>Sanicula trifoliata</i>)	G4	S2	--	T	7	9
Sanicle, Cluster (<i>Sanicula odorata</i>)	G5	S1	--	E	7	2
Sanicle, Short-styled (<i>Sanicula canadensis</i>)	G5	SH	--	E	2	-
Saxifrage, Alpine Brook (<i>Saxifraga rivularis</i>)	G5?	S1	--	E	-	2
Saxifrage, Livelong (<i>Saxifraga paniculata</i> ssp. <i>neogaea</i>)	G5T5?	S1	--	E	-	2
Saxifrage, Nodding (<i>Saxifraga cernua</i>)	G4	S1	--	E	-	1
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
Seablite, Horned (<i>Suaeda calceoliformis</i>)	G5	S2	--	T	-	-
Seablite, Rich's (<i>Suaeda maritima</i> ssp. <i>richii</i>)	G5T3	S1	--	E	-	1
Sea-chickweed (<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, Bigelow's (<i>Carex bigelowii</i>)	G5	S2	--	T	3	10
Sedge, Black (<i>Carex atratiformis</i>)	G5	S1	--	E	2	1
Sedge, Broad-winged (<i>Carex alata</i>)	G5	SH	--	E	2	-
Sedge, Bur (<i>Carex sparganioides</i>)	G5	S1	--	E	3	2
Sedge, Buxbaum's (<i>Carex buxbaumii</i>)	G5	S1	--	E	-	1
Sedge, Chestnut (<i>Carex castanea</i>)	G5	S1	--	E	1	2
Sedge, Coastal (<i>Carex exilis</i>)	G5	S1	--	E	3	4
Sedge, Creeping (<i>Carex chordorrhiza</i>)	G5	S1	--	E	-	3
Sedge, Ebony (<i>Carex eburnea</i>)	G5	S1	--	E	1	1
Sedge, Fescue (<i>Carex festucea</i>)	G5	SH	--	E	1	-
Sedge, Flaccid (<i>Carex glaucoidea</i>)	G5T5	S1	--	E	1	1
Sedge, Garber's (<i>Carex garberi</i>)	G5	S2	--	T	-	7
Sedge, Golden-fruited (<i>Carex aurea</i>)	G5	S2	--	T	4	7
Sedge, Goodenough's (<i>Carex nigra</i>)	G5	S1	--	E	9	2
Sedge, Granular (<i>Carex granularis</i>)	G5	S1	--	E	2	4
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, Hay (<i>Carex siccata</i>)	G5	S1	--	E	3	2
Sedge, Head-like (<i>Carex arctogena</i>)	G5T4?	S1	--	E	-	2
Sedge, Hidden (<i>Carex umbellata</i>)	G5	S1	--	E	11	1
Sedge, Hitchcock's (<i>Carex hitchcockiana</i>)	G5	S1	--	E	-	1
Sedge, Houghton's Umbrella (<i>Cyperus houghtonii</i>)	G4?	S1	--	E	5	1
Sedge, Incurved Umbrella (<i>Cyperus squarrosus</i>)	G5	S1	--	E	5	2
Sedge, Inflated (<i>Carex bullata</i>)	G5	S1	--	E	3	2
Sedge, Lesser Panicked (<i>Carex diandra</i>)	G5	S2	--	T	3	6
Sedge, Livid (<i>Carex livida</i>)	G5	S1	--	E	-	1
Sedge, Many Forms (<i>Carex polymorpha</i>)	G3	S1	--	E	1	1
Sedge, Needle Beak (<i>Rhynchospora capillacea</i>)	G4	S1	--	E	-	1
Sedge, Piled-up (<i>Carex cumulata</i>)	G4?	S2	--	T	8	8
Sedge, Reflexed (<i>Carex retroflexa</i>)	G5	S1	--	E	2	2



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Sedge, Rigid (<i>Carex tetanica</i>)	G4G5	SX	--	--	1	-
Sedge, Scirpus-like (<i>Carex scirpoidea</i>)	G5	S2	--	T	8	5
Sedge, Separated (<i>Carex seorsa</i>)	G4	S1	--	E	-	3
Sedge, Sheldon's (<i>Carex albursina</i>)	G5	S1	--	E	1	1
Sedge, Small-crested (<i>Carex cristatella</i>)	G5	S1	--	E	7	5
Sedge, Summer (<i>Carex aestivalis</i>)	G4	S1	--	E	2	1
Sedge, Swarthy (<i>Carex adusta</i>)	G5	SH	--	E	1	-
Sedge, Swollen-beaked (<i>Carex rostrata</i>)	G5	S1	--	E	1	2
Sedge, Thin-flowered (<i>Carex tenuiflora</i>)	G5	S1	--	E	-	1
Sedge, Thin-leaved (<i>Carex cephaloidea</i>)	G5	SH	--	T	4	-
Sedge, Troublesome (<i>Carex molesta</i>)	G4	SH	--	E	1	-
Sedge, Walter's (<i>Carex striata</i>)	G4G5	S1	--	E	-	1
Sedge, Wiegand's (<i>Carex wiegandii</i>)	G4	S1	--	E	2	5
Senna, Wild (<i>Senna hebecarpa</i>)	G5	S1	--	E	9	1
Senna, Wild Sensitive (<i>Chamaecrista nictitans</i>)	G5	SH	--	E	1	-
Sibbaldia (<i>Sibbaldia procumbens</i>)	G5	S1	--	E	-	1
Sickle-pod (<i>Boechea canadensis</i>)	G5	S2	--	T	3	5
Silverling (<i>Paronychia argyrocoma</i>)	G4	S2	--	T	3	18
Silverweed (<i>Argentina anserina</i>)	G5	S1	--	--	1	2
Slipper, Ram's-head Lady's (<i>Cypripedium arietinum</i>)	G3	S1	--	E	10	3
Slipper, Showy Lady's (<i>Cypripedium reginae</i>)	G4	S1	--	E	3	4
Slipper, Yellow Lady's (<i>Cypripedium parviflorum</i> var. <i>makasin</i>)	G5T4Q	S1	--	E	9	1
Sorrel, Mountain (<i>Oxyria digyna</i>)	G5	S1	--	E	-	2
Spearwort, Water-plantain (<i>Ranunculus ambigens</i>)	G4	S1	--	E	2	1
Speedwell, Alpine (<i>Veronica wormskjoldii</i>)	G4G5	S1	--	E	1	3
Sphenopholis, Blunt (<i>Sphenopholis obtusata</i>)	G5	SH	--	E	2	-
Spike-rush, Bald (<i>Eleocharis erythropoda</i>)	G5	S1	--	E	3	1
Spike-rush, Few-flowered (<i>Eleocharis quinqueflora</i> ssp. <i>fernaldii</i>)	G5TNRQ	S1	--	E	5	1
Spike-rush, Matted (<i>Eleocharis intermedia</i>)	G5	SH	--	E	3	-
Spike-rush, Neat (<i>Eleocharis nitida</i>)	G4	SH	--	E	2	-
Spike-rush, Ovoid (<i>Eleocharis ovata</i>)	G5	SH	--	E	12	-
Spike-rush, Pease's Blunt (<i>Eleocharis obtusa</i> var. <i>peasei</i>)	G5TNR	SH	--	--	1	-
Spike-rush, Salt-loving (<i>Eleocharis uniglumis</i>)	G5?	S2	--	T	4	8
Spike-rush, Small (<i>Eleocharis parvula</i>)	G5	S2	--	T	9	13
Spike-rush, Tubercled (<i>Eleocharis tuberculosa</i>)	G5	SH	--	E	5	-
Spike-rush, Wright's (<i>Eleocharis diandra</i>)	G1G2	SH	--	E	3	-
Spleenwort, Narrow-leaved (<i>Diplazium pycnocarpon</i>)	G5	S1	--	E	3	3
Spurge, Seaside (<i>Euphorbia polygonifolia</i>)	G5?	SH	--	--	4	-
St. John's-Wort, Great (<i>Hypericum ascyron</i>)	G4	S1	--	E	4	3
Stargrass, Hairy (<i>Hypoxis hirsuta</i>)	G5	S2	--	T	9	7
Stargrass, Water (<i>Heteranthera dubia</i>)	G5	S2	--	T	2	8
Stickseed (<i>Hackelia virginiana</i>)	G5	S1	--	E	12	10
Stickseed, Nodding (<i>Hackelia deflexa</i> ssp. <i>americana</i>)	G5T5	SH	--	E	1	-
Strawberry, Barren (<i>Geum fragarioides</i>)	G5T5	S2	--	T	5	7
Tail, Common Mare's (<i>Hippuris vulgaris</i>)	G5	S2	--	T	3	7
Thistle, Yellow (<i>Cirsium horridulum</i>)	G5	SH	--	E	3	-
Thoroughwort, Tubular (<i>Eutrochium fistulosum</i>)	G5?	S1	--	E	6	3
Timothy, Alpine (<i>Phleum alpinum</i>)	G5	S1	--	E	2	3
Tongue, Northern Adder's (<i>Ophioglossum pusillum</i>)	G5	S1	--	E	1	3
Toothcup, Lowland (<i>Rotala ramosior</i>)	G5	SH	--	E	1	-
Toothwort, Cutleaf (<i>Cardamine concatenata</i>)	G5	S1	--	E	5	1
Toothwort, Large (<i>Cardamine maxima</i>)	G5	S2	--	T	1	5
Trefoil, Maryland Tick (<i>Desmodium marilandicum</i>)	G5	S1	--	E	2	2
Trefoil, Prostrate Tick (<i>Desmodium rotundifolium</i>)	G5	S2	--	T	5	7



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Trefoil, Stiff Tick (<i>Desmodium obtusum</i>)	G4G5	SH	--	E	2	-
Trefoil, Toothed Tick (<i>Desmodium cuspidatum</i>)	G5	SH	--	E	3	-
Tresses, Case's Ladies' (<i>Spiranthes casei</i>)	G4	S1	--	E	3	1
Tresses, Shining Ladies' (<i>Spiranthes lucida</i>)	G5	S1	--	E	3	3
Twayblade, Auricled (<i>Neottia auriculata</i>)	G3G4	S1	--	E	4	3
Twayblade, Broad-leaved (<i>Neottia convallarioides</i>)	G5	S2	--	T	10	13
Twayblade, Heart-leaved (<i>Neottia cordata</i>)	G5	S2	--	T	16	7
Twayblade, Loesel's (<i>Liparis loeselii</i>)	G5	S2	--	T	18	6
Umbrella-sedge (<i>Cyperus erythrorhizos</i>)	G5	S1	--	E	1	1
Valerian, Marsh (<i>Valeriana uliginosa</i>)	G4Q	SH	--	E	1	-
Vetch, Jesup's Milk (<i>Astragalus robbinsii</i> var. <i>jesupii</i>)	G5T1	S1	E	E	-	3
Violet, Alpine Marsh (<i>Viola palustris</i>)	G5	S2	--	T	2	4
Violet, Bird's-foot (<i>Viola pedata</i>)	G5	S2	--	T	6	8
Violet, Kidney-leaved (<i>Viola nephrophylla</i>)	G5	SH	--	E	8	-
Violet, Palmate (<i>Viola palmata</i>)	G5	S1	--	E	3	1
Wapato (<i>Sagittaria cuneata</i>)	G5	S1	--	E	10	2
Waterleaf, Northern (<i>Hydrophyllum virginianum</i>)	G5	S2	--	T	3	13
Waterwort, American (<i>Elatine americana</i>)	G4	SH	--	E	2	-
Whitlow-mustard, Canescent (<i>Draba cana</i>)	G5	S1	--	E	-	1
Willow, Bearberry (<i>Salix uva-ursi</i>)	G5	S2	--	T	-	6
Willow, Dwarf (<i>Salix herbacea</i>)	G5	S1	--	E	1	3
Willow, Sandbar (<i>Salix exigua</i> ssp. <i>interior</i>)	G5	SH	--	E	4	-
Willow, Satin (<i>Salix pellita</i>)	G5	S1	--	E	15	1
Willow, Silver (<i>Salix argyrocarpa</i>)	G4	S1	--	E	-	2
Willow, Tea-leaved (<i>Salix planifolia</i>)	G5	S2	--	T	1	6
Willowherb, Alpine (<i>Epilobium anagallidifolium</i>)	G5	SH	--	E	2	-
Willowherb, Hornemann's (<i>Epilobium hornemannii</i>)	G5	S2	--	T	5	9
Willowherb, White-flower (<i>Epilobium lactiflorum</i>)	G5	SH	--	E	1	-
Wintergreen, Pink (<i>Pyrola asarifolia</i>)	G5	S1	--	E	6	3
Woodrush, Northern (<i>Luzula confusa</i>)	G5	SH	--	E	3	-
Woodrush, Spiked (<i>Luzula spicata</i>)	G5	S1	--	E	6	2
Woodsia, Blunt-lobed (<i>Woodsia obtusa</i>)	G5	S1	--	E	4	5
Woodsia, Smooth (<i>Woodsia glabella</i>)	G5	S1	--	E	2	2
Wormwood, Tall (<i>Artemisia campestris</i> ssp. <i>caudata</i>)	G5T5	S1	--	E	1	3

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...)