



NEW HAMPSHIRE NATURAL HERITAGE BUREAU

DRED - DIVISION OF FORESTS & LANDS

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

PHONE: (603) 271-2214 FAX: (603) 271-6488

"State Watch" and "Indeterminate" Plant Species in NH (June 2005)

A revised state list of Threatened and Endangered plant species was adopted into rule in June, 2005. In order to determine what species are rare in NH, many candidate species were assessed. Two categories (State Watch and Indeterminate) were developed for species that are either uncommon but not rare enough to be listed at this time, or whose rarity status is uncertain. These categories have no legal standing, but we anticipate that having them will increase surveyor documentation of these taxa, improve our understanding of their status in the state, and stimulate research on their taxonomy and other pertinent issues.

NHB is interested in field observations for the species listed below, to help inform future listing decisions. Detailed reports are appreciated but not needed: a brief description of what was observed and a map of the location would be sufficient. Reports can be mailed to the attention of Bill Nichols at the above address or e-mailed to bnichols@dred.state.nh.us.

Rare plant list category definitions:

State Watch (SW): Native plants vulnerable to becoming threatened based on having 21-100 natural occurrences in the state observed within the last 20 years, or plants that are, in the judgement of experts, vulnerable to becoming threatened due to other important rarity and endangerment considerations (population size and trends, area of occupancy, overall viability, geographic distribution, habitat rarity and integrity, and/or degree of protection).

Indeterminate (Ind): Indeterminate taxa are under review for listing as endangered, threatened, or watch, but their rarity, nativity, taxonomy, and/or nomenclature are not clearly understood.

Scientific Name	Common Name	Status
<i>Agastache scrophulariaefolia</i>	purple giant hyssop	Ind
<i>Agrostis mertensii</i>	boreal bentgrass	SW
<i>Allium tricoccum</i> var. <i>burdickii</i>	narrow-leaf wild leek	Ind
<i>Allium tricoccum</i> var. <i>tricoccum</i>	wild leek	SW
<i>Amaranthus tuberculatus</i>	rough-fruit amaranth	Ind
<i>Anemone acutiloba</i>	acute-lobed hepatica	SW
<i>Angelica lucida</i>	seaside angelica	Ind
<i>Arabis drummondii</i>	Drummond's tower mustard	SW
<i>Aristida basiramea</i>	branching needle grass	Ind
<i>Asarum canadense</i>	wild ginger	SW
<i>Asplenium trichomanes</i> ssp. <i>quadrivalens</i>	Meyer's maidenhair spleenwort	Ind
<i>Asplenium trichomanes</i> ssp.	maidenhair spleenwort	Ind



NEW HAMPSHIRE NATURAL HERITAGE BUREAU

Scientific Name	Common Name	Status
<i>trichomanes</i>		
<i>Aster schreberi</i>	Schreber's aster	Ind
<i>Atriplex dioica</i>	saline saltbush	Ind
<i>Atriplex glabriuscula</i>	smooth orache	Ind
<i>Aureolaria flava</i>	smooth false foxglove	SW
<i>Aureolaria pedicularia</i> var. <i>pedicularia</i>	fern-leaved false foxglove	Ind
<i>Bartonia virginica</i>	Virginia screwstem	Ind
<i>Bidens aristosa</i>	bearded beggarticks	Ind
<i>Bidens discoidea</i>	small bidens	SW
<i>Bolboschoenus robustus</i>	stout bulrush	SW
<i>Botrychium oneidense</i>	blunt-lobed grapefern	SW
<i>Calamagrostis canadensis</i> var. <i>macouniana</i>	Macoun's bluejoint	Ind
<i>Cardamine maxima</i>	large toothwort	Ind
<i>Cardamine pratensis</i>	cuckoo flower	Ind
<i>Carex albicans</i> var. <i>albicans</i>	covered sedge	Ind
<i>Carex albicans</i> var. <i>emmonsii</i>	Emmons' sedge	Ind
<i>Carex appalachica</i>	Appalachian sedge	Ind
<i>Carex arcta</i>	contracted sedge	Ind
<i>Carex bebbii</i>	Bebb's sedge	SW
<i>Carex deflexa</i>	northern sedge	SW
<i>Carex grisea</i>	narrowleaf sedge	Ind
<i>Carex haydenii</i>	Hayden's sedge	SW
<i>Carex hirtifolia</i>	hairy-leaved sedge	SW
<i>Carex houghtoniana</i>	Houghton's sedge	SW
<i>Carex laxiculmis</i>	spreading sedge	SW
<i>Carex michauxiana</i>	Michaux's sedge	SW
<i>Carex muehlenbergii</i> var. <i>enervis</i>	Muhlenberg's sedge	SW
<i>Carex muehlenbergii</i> var. <i>muehlenbergii</i>	Muhlenberg's sedge	SW
<i>Carex prasina</i>	leek-green drooping sedge	SW
<i>Carex silicea</i>	sea-beach sedge	SW
<i>Carya cordiformis</i>	bitternut hickory	Ind
<i>Castanea dentata</i>	American chestnut	SW
<i>Caulophyllum giganteum</i>	giant blue cohosh	Ind
<i>Ceratophyllum echinatum</i>	prickly hornwort	SW
<i>Chamaecyparis thyoides</i>	Atlantic white cedar	SW



NEW HAMPSHIRE NATURAL HERITAGE BUREAU

Scientific Name	Common Name	Status
<i>Chamaesyce glyptosperma</i>	ridge-seed spurge	Ind
<i>Chenopodium berlandieri</i> var. <i>bushianum</i>	country pigweed	Ind
<i>Coeloglossum viride</i>	green-bracted orchis	SW
<i>Crataegus schuettei</i>	Schuette's hawthorn	Ind
<i>Cyperus filicinus</i>	beach umbrella sedge	Ind
<i>Cystopteris bulbifera</i>	bulblet bladder fern	SW
<i>Deschampsia caespitosa</i>	tufted hairgrass	SW
<i>Descurainia pinnata</i> ssp. <i>brachycarpa</i>	pinnate tansy mustard	Ind
<i>Elatine americana</i>	American waterwort	Ind
<i>Eleocharis obtusa</i> var. <i>peasei</i>	blunt spike-rush	Ind
<i>Elymus macgregorii</i>	Macgregor's wild rye	SW
<i>Empetrum eamesii</i> ssp. <i>atropurpureum</i>	purple crowberry	SW
<i>Empetrum nigrum</i> ssp. <i>hermaphroditum</i>	black crowberry	SW
<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>	ciliated willowherb	Ind
<i>Epilobium ciliatum</i> ssp. <i>glandulosum</i>	willowherb	Ind
<i>Equisetum pratense</i>	meadow horsetail	SW
<i>Equisetum scirpoides</i>	dwarf scouring-rush	SW
<i>Equisetum variegatum</i>	variegated horsetail	SW
<i>Eragrostis capillaris</i>	lace love grass	SW
<i>Euphorbia marginata</i>	snow-on-the-mountain	Ind
<i>Galium brevipes</i>	limestone swamp bedstraw	Ind
<i>Galium circaezans</i>	wild licorice	SW
<i>Galium kamtschaticum</i>	northern wild licorice	SW
<i>Gaylussacia frondosa</i>	dangleberry	SW
<i>Glaux maritima</i>	sea milkwort	SW
<i>Glyceria obtusa</i>	coastal mannagrass	Ind
<i>Glyceria septentrionalis</i>	eastern floating mannagrass	SW
<i>Hieracium marianum</i>	Maryland hawkweed	Ind
<i>Hieracium umbellatum</i>	umbelled hawkweed	Ind
<i>Hieracium venosum</i>	rattlesnake weed	SW
<i>Impatiens pallida</i>	pale touch-me-not	SW
<i>Juglans cinerea</i>	butternut	SW
<i>Juncus antheratus</i>	rush	Ind
<i>Juncus trifidus</i>	highland rush	SW
<i>Lactuca hirsuta</i> var. <i>sanguinea</i>	red-stemmed lettuce	Ind



NEW HAMPSHIRE NATURAL HERITAGE BUREAU

Scientific Name	Common Name	Status
<i>Limonium carolinianum</i>	sea lavender	SW
<i>Linum sulcatum</i>	grooved yellow flax	Ind
<i>Lobelia dortmanna</i>	water lobelia	SW
<i>Lobelia siphilitica</i>	great lobelia	Ind
<i>Lobelia spicata</i> var. <i>hirtella</i>	spiked lobelia	Ind
<i>Lonicera dioica</i>	mountain honeysuckle	SW
<i>Lonicera sempervirens</i>	trumpet honeysuckle	SW
<i>Luzula multiflora</i> ssp. <i>frigida</i>	tawny-black woodrush	Ind
<i>Lythrum hyssopifolium</i>	hyssop-leaved loosestrife	SW
<i>Milium effusum</i> var. <i>cisatlanticum</i>	millet grass	SW
<i>Minuartia groenlandica</i>	mountain sandwort	SW
<i>Myriophyllum alterniflorum</i>	alternate-flowered water milfoil	SW
<i>Myriophyllum humile</i>	low water milfoil	SW
<i>Myriophyllum verticillatum</i>	comb water milfoil	SW
<i>Najas gracillima</i>	slender waternymph	Ind
<i>Nymphaea odorata</i> ssp. <i>tuberosa</i>	tuberous white waterlily	Ind
<i>Oenothera nutans</i>	nodding evening primrose	Ind
<i>Omalotheca sylvatica</i>	woodland cudweed	Ind
<i>Osmorhiza longistylis</i>	long-styled sweet cicely	SW
<i>Pedicularis canadensis</i>	wood betony	SW
<i>Phegopteris hexagonoptera</i>	broad beech fern	SW
<i>Physalis subglabrata</i>	smooth ground cherry	Ind
<i>Physocarpus opulifolius</i>	ninebark	Ind
<i>Platanthera blephariglottis</i>	white-fringed orchid	SW
<i>Platanthera obtusata</i>	blunt-leaved orchid	SW
<i>Platanus occidentalis</i>	sycamore	SW
<i>Podophyllum peltatum</i>	mayapple	Ind
<i>Podostemum ceratophyllum</i>	riverweed	SW
<i>Polanisia dodecandra</i>	clammyweed	Ind
<i>Polygala verticillata</i>	whorled milkwort	Ind
<i>Polygonatum biflorum</i> var. <i>commutatum</i>	giant Solomon's seal	Ind
<i>Polygonum achoreum</i>	blue knotweed	Ind
<i>Polygonum ramosissimum</i>	exserted knotweed	SW
<i>Populus balsamifera</i>	balsam poplar	SW
<i>Potamogeton confervoides</i>	alga pondweed	SW



NEW HAMPSHIRE NATURAL HERITAGE BUREAU

Scientific Name	Common Name	Status
<i>Potentilla pensylvanica</i> var. <i>litoralis</i>	Pennsylvania cinquefoil	Ind
<i>Prunus maritima</i>	beach plum	SW
<i>Prunus pumila</i> var. <i>depressa</i>	sand cherry	SW
<i>Prunus pumila</i> var. <i>susquehanae</i>	sand cherry	SW
<i>Pyrola minor</i>	lesser shinleaf	SW
<i>Quercus coccinea</i>	scarlet oak	SW
<i>Ranunculus cymbalaria</i>	seaside crowfoot	SW
<i>Rhexia virginica</i>	meadow beauty	SW
<i>Rhododendron prinophyllum</i>	early azalea	Ind
<i>Rhododendron viscosum</i>	swamp azalea	SW
<i>Sagittaria montevidensis</i> ssp. <i>spongiosa</i>	spongy hooded arrowhead	Ind
<i>Salix humulis</i> var. <i>tristis</i>	dwarf gray willow	Ind
<i>Salix pedicellaris</i>	bog willow	SW
<i>Sanguisorba canadensis</i>	Canadian burnet	SW
<i>Scheuchzeria palustris</i>	podgrass	SW
<i>Schoenoplectus smithii</i>	Smith's bulrush	SW
<i>Schoenoplectus torreyi</i>	Torrey's threesquare	SW
<i>Scrophularia marilandica</i>	eastern figwort	Ind
<i>Selaginella apoda</i>	footless spikemoss	SW
<i>Solidago calcicola</i>	rock goldenrod	Ind
<i>Solidago hispida</i>	stiffly hairy goldenrod	Ind
<i>Solidago purshii</i>	Pursh's goldenrod	Ind
<i>Solidago simplex</i> ssp. <i>randii</i> var. <i>racemosa</i>	riverbank goldenrod	Ind
<i>Solidago ulmifolia</i>	elm-leaved goldenrod	Ind
<i>Sorbus groenlandica</i>	Greenland mountain ash	Ind
<i>Sorghastrum nutans</i>	woodgrass	Ind
<i>Sparganium natans</i>	small bur-reed	SW
<i>Spergularia canadensis</i>	northern sand spurrey	Ind
<i>Sphagnum bartlettianum</i>	peat moss	SW
<i>Sphagnum centrale</i>	peat moss	SW
<i>Sphagnum compactum</i>	peat moss	SW
<i>Sphagnum flexuosum</i>	peat moss	SW
<i>Sphagnum inundatum</i>	peat moss	Ind
<i>Sphagnum majus</i> ssp. <i>majus</i>	peat moss	SW
<i>Sphagnum platyphyllum</i>	peat moss	SW



NEW HAMPSHIRE NATURAL HERITAGE BUREAU

Scientific Name	Common Name	Status
<i>Sphagnum pulchrum</i>	peat moss	SW
<i>Sphagnum quinquefarium</i>	peat moss	Ind
<i>Sphagnum subsecundum</i>	peat moss	SW
<i>Sphagnum teres</i>	peat moss	SW
<i>Sphagnum torreyanum</i>	peat moss	SW
<i>Sphagnum viride</i>	peat moss	Ind
<i>Sphagnum warnstorffii</i>	peat moss	SW
<i>Spiraea septentrionalis</i>	alpine meadowsweet	Ind
<i>Spiranthes lacera</i> var. <i>gracilis</i>	southern slender ladies' tresses	SW
<i>Spiranthes ochroleuca</i>	yellow nodding ladies' tresses	Ind
<i>Suaeda calceoliformis</i>	horned seablite	Ind
<i>Suaeda maritima</i> ssp. <i>richii</i>	Rich's seablite	Ind
<i>Symphyotrichum boreale</i>	northern bog aster	Ind
<i>Symphyotrichum dumosum</i> var. <i>dumosum</i>	bushy aster	Ind
<i>Symphyotrichum dumosum</i> var. <i>strictior</i>	bushy aster	SW
<i>Symphyotrichum subulatum</i>		SW
<i>Thalictrum revolutum</i>	waxy-leaf meadow-rue	Ind
<i>Trisetum spicatum</i>	narrow false oats	Ind
<i>Utricularia minor</i>	small bladderwort	SW
<i>Utricularia radiata</i>	floating bladderwort	SW
<i>Vaccinium caesariense</i>	New Jersey blueberry	Ind
<i>Vaccinium uliginosum</i>	bog bilberry	SW
<i>Vernonia noveboracensis</i>	New York ironweed	Ind
<i>Viola canadensis</i>	Canada white violet	SW
<i>Viola palmata</i>	palmate violet	Ind
<i>Xyris montana</i>	northern yellow-eyed grass	SW