



NEW HAMPSHIRE NATURAL HERITAGE BUREAU

DRED - DIVISION OF FORESTS & LANDS

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"State Watch" and "Indeterminate" Plant Species in NH (July 2010)

A revised state list of Threatened and Endangered plant species was submitted for adoption into rule in July, 2010. In order to determine what species are rare in NH, many candidate species were assessed. During this process, revisions were made to two categories (State Watch and Indeterminate) that were first developed in 2005 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>Acalypha gracilens</i>	slender three-seeded mercury	Ind
<i>Agastache scrophulariifolia</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>Alopecurus aequalis</i>	short-awn foxtail	Ind
<i>Ambrosia trifida</i>	great ragweed	Ind
<i>Amelanchier intermedia</i>	intermediate shadbush	Ind
<i>Amelanchier nantucketensis</i>	Nantucket shadbush	Ind
<i>Amphicarpaea bracteata</i>	hog-peanut	Ind
<i>Anemone acutiloba</i>	acute-lobed hepatica	SW
<i>Angelica lucida</i>	seaside angelica	Ind
<i>Argentina egedii</i> ssp. <i>groenlandica</i>	coastal silverweed	SW
<i>Aristida basiramea</i>	branching needle grass	Ind



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Scientific Name	Common Name	Status
<i>Asplenium trichomanes</i> ssp. <i>quadrivalens</i>	Meyer's maidenhair spleenwort	Ind
<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i>	maidenhair spleenwort	Ind
<i>Atriplex glabriuscula</i>	smooth orache	Ind
<i>Aureolaria flava</i>	smooth false foxglove	SW
<i>Aureolaria pedicularia</i> var. <i>intercedens</i>	fern-leaved 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 discoidea</i>	small bidens	SW
<i>Boechera stricta</i>	Drummond's tower mustard	SW
<i>Bolboschoenus robustus</i>	stout bulrush	SW
<i>Botrychium oneidense</i>	blunt-lobed grapefern	Ind
<i>Botrychium tenebrosus</i>	swamp moonwort	Ind
<i>Brachyelytrum erectum</i>	northern short husk grass	Ind
<i>Bromus latiglumis</i>	early-leaf brome grass	Ind
<i>Calamagrostis canadensis</i> var. <i>macouniana</i>	Macoun's bluejoint	Ind
<i>Calamagrostis pickeringii</i>	Pickering's bluejoint	SW
<i>Cardamine dentata</i>	cuckoo flower	Ind
<i>Carex albicans</i> var. <i>albicans</i>	covered sedge	SW
<i>Carex albicans</i> var. <i>emmonsii</i>	Emmons' sedge	SW
<i>Carex arcta</i>	contracted sedge	Ind
<i>Carex bebbii</i>	Bebb's sedge	SW
<i>Carex bicknellii</i>	Bicknell's sedge	Ind
<i>Carex cryptolepis</i>	fertile yellow sedge	Ind
<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	Ind
<i>Carex hormathodes</i>	necklace sedge	SW
<i>Carex houghtoniana</i>	Houghton's sedge	SW
<i>Carex hystericina</i>	porcupine sedge	SW
<i>Carex laxiculmis</i>	spreading sedge	Ind
<i>Carex michauxiana</i>	Michaux's sedge	SW
<i>Carex muehlenbergii</i> var. <i>enervis</i>	Muhlenberg's sedge	Ind
<i>Carex muehlenbergii</i> var. <i>muehlenbergii</i>	Muhlenberg's sedge	SW
<i>Carex peckii</i>	Peck's sedge	SW
<i>Carex pellita</i>	woolly sedge	Ind
<i>Carex prasina</i>	leek-green drooping sedge	SW
<i>Carex pseudocyperus</i>	false cyperus	Ind



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<i>Carex retrorsa</i>	hooked sedge	Ind
<i>Carex silicea</i>	sea-beach sedge	SW
<i>Carex sprengei</i>	long-beaked sedge	SW
<i>Carex tuckermanii</i>	Tuckermann's sedge	SW
<i>Carex vacillans</i>	salt marsh sedge	Ind
<i>Carex viridula</i>	greenish sedge	Ind
<i>Castanea dentata</i>	American chestnut	SW
<i>Caulophyllum giganteum</i>	giant blue cohosh	Ind
<i>Celastrus scandens</i>	American bittersweet	Ind
<i>Celtis occidentalis</i>	hackberry	SW
<i>Cerastium strictum</i>	American field chickweed	Ind
<i>Ceratophyllum echinatum</i>	prickly hornwort	Ind
<i>Chamaecyparis thyoides</i>	Atlantic white cedar	SW
<i>Chenopodium berlandieri</i> var. <i>bushianum</i>	country pigweed	Ind
<i>Chenopodium capitatum</i>	strawberry blite	Ind
<i>Chenopodium simplex</i>	maple-leaved goosefoot	SW
<i>Coeloglossum viride</i>	green-bracted orchis	SW
<i>Conioselinum chinense</i>	hemlock parsley	SW
<i>Conopholis americana</i>	American cancerroot	SW
<i>Crataegus faxonii</i>	fireberry hawthorn	Ind
<i>Crataegus flabellata</i> var. <i>grayana</i>	Gray's hawthorn	Ind
<i>Crataegus flavida</i>	yellow hawthorn	Ind
<i>Crataegus fluviatilis</i>	river hawthorn	Ind
<i>Crataegus intricata</i>	Allegheny hawthorn	Ind
<i>Crataegus keepii</i>	Keep's hawthorn	Ind
<i>Crataegus populnea</i>	poplar hawthorn	Ind
<i>Crataegus pruinosa</i>	frosted hawthorn	Ind
<i>Crataegus scabrada</i>	rough hawthorn	Ind
<i>Crataegus schuettei</i> var. <i>basilica</i>	Schuette's hawthorn	Ind
<i>Cryptotaenia canadensis</i>	Canada honewort	SW
<i>Cyperus filicinus</i>	beach umbrella sedge	Ind
<i>Cyperus odoratus</i>	fragrant umbrella sedge	Ind
<i>Cystopteris bulbifera</i>	bulblet bladder fern	SW
<i>Deschampsia cespitosa</i> ssp. <i>glauca</i>	tufted hairgrass	SW
<i>Deschampsia flexuosa</i> ssp. <i>montana</i>	wavy hair grass	Ind
<i>Descurainia pinnata</i> ssp. <i>brachycarpa</i>	pinnate tansy mustard	Ind
<i>Dicentra canadensis</i>	squirrel corn	SW
<i>Digitaria cognata</i>	fall witchgrass	Ind
<i>Dirca palustris</i>	leatherwood	SW
<i>Drymocallis arguta</i>	tall cinquefoil	Ind
<i>Dryopteris goldiana</i>	Goldie's fern	SW



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<i>Elatine minima</i>	small waterwort	Ind
<i>Eleocharis obtusa</i> var. <i>peasei</i>	blunt spike-rush	Ind
<i>Eleocharis robbinsii</i>	Robbins' spike-rush	Ind
<i>Elymus trachycaulus</i> ssp. <i>glaucus</i>	wheatgrass	Ind
<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	slender wheatgrass	Ind
<i>Empetrum atropurpureum</i>	purple crowberry	SW
<i>Empetrum nigrum</i>	black crowberry	SW
<i>Epilobium ciliatum</i> var. <i>ciliatum</i>	ciliated 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	Ind
<i>Euphorbia glyptosperma</i>	ridge-seed spurge	Ind
<i>Euphorbia nutans</i>	eyebane sandmat	Ind
<i>Euphorbia polygonifolia</i>	seaside spurge	Ind
<i>Eurybia schreberi</i>	Schreber's aster	Ind
<i>Galium circaezans</i> var. <i>circaezans</i>	southern wild licorice	SW
<i>Galium circaezans</i> var. <i>hypomalacum</i>	northern hairy wild licorice	SW
<i>Galium kamtschaticum</i>	northern wild licorice	SW
<i>Gaylussacia frondosa</i>	dangleberry	SW
<i>Glyceria obtusa</i>	coastal mannagrass	Ind
<i>Hedeoma hispida</i>	rough pennyroyal	Ind
<i>Hieracium venosum</i>	rattlesnake weed	SW
<i>Humulus lupulus</i> ssp. <i>americanus</i>	common hops	Ind
<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>	red-stemmed lettuce	Ind
<i>Lathyrus palustris</i>	marsh pea	SW
<i>Limonium carolinianum</i>	sea lavender	SW
<i>Linum medium</i> var. <i>texanum</i>	common yellow flax	Ind
<i>Lobelia dortmanna</i>	water lobelia	SW
<i>Lobelia spicata</i> var. <i>hirtella</i>	spiked lobelia	Ind
<i>Lonicera dioica</i>	mountain honeysuckle	SW
<i>Lonicera sempervirens</i>	trumpet honeysuckle	Ind
<i>Luzula multiflora</i> ssp. <i>frigida</i>	tawny-black woodrush	Ind
<i>Luzula parviflora</i> ssp. <i>melanocarpa</i>	small-flowered black woodrush	SW
<i>Lysimachia maritima</i>	sea milkwort	SW
<i>Lythrum alatum</i>	winged loosestrife	Ind
<i>Lythrum hyssopifolia</i>	hyssop-leaved loosestrife	SW
<i>Milium effusum</i> var. <i>cisatlanticum</i>	millet grass	SW



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<i>Minuartia groenlandica</i>	mountain sandwort	SW
<i>Myriophyllum alterniflorum</i>	alternate-flowered water milfoil	Ind
<i>Myriophyllum farwellii</i>	Farwell's water milfoil	Ind
<i>Myriophyllum humile</i>	low water milfoil	SW
<i>Myriophyllum sibiricum</i>	Siberian water milfoil	Ind
<i>Myriophyllum verticillatum</i>	whorled water milfoil	Ind
<i>Nabalus albus</i>	white lettuce	Ind
<i>Najas gracillima</i>	slender waternymph	Ind
<i>Najas guadalupensis</i>	Guadalupe waternymph	Ind
<i>Nymphaea tuberosa</i>	tuberous white waterlily	Ind
<i>Oenothera fruticosa</i> ssp. <i>glauca</i>	narrow leaf evening primrose	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>Panicum dichotomiflorum</i> var. <i>puritanorum</i>	fall panic grass	Ind
<i>Parietaria pensylvanica</i>	pellitory	Ind
<i>Pedicularis canadensis</i>	wood betony	SW
<i>Penstemon digitalis</i>	foxglove beardtongue	Ind
<i>Penstemon hirsutus</i>	northeastern hairy beardtongue	Ind
<i>Penstemon pallidus</i>	pale beardtongue	Ind
<i>Persicaria virginiana</i>	jumpseed	Ind
<i>Phegopteris hexagonoptera</i>	broad beech fern	SW
<i>Phragmites australis</i> ssp. <i>americanus</i>	American common reed	Ind
<i>Phryma leptostachya</i>	lopseed	Ind
<i>Physocarpus opulifolius</i>	ninebark	Ind
<i>Physostegia virginiana</i>	lion's head	Ind
<i>Plantago intermedia</i>	many-seeded plantain	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>Polygala ambigua</i>	loose milkwort	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 buxiforme</i>	seashore knotweed	Ind
<i>Polygonum ramosissimum</i> ssp. <i>ramosissimum</i>	exserted knotweed	SW
<i>Potamogeton confervoides</i>	alga pondweed	SW



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<i>Prunus americana</i>	American plum	Ind
<i>Prunus maritima</i>	beach plum	SW
<i>Prunus pumila</i> var. <i>depressa</i>	eastern dwarf cherry	SW
<i>Prunus susquehanae</i>	Appalachian dwarf cherry	SW
<i>Pyrola minor</i>	lesser shinleaf	SW
<i>Quercus coccinea</i>	scarlet oak	SW
<i>Quercus prinoides</i>	dwarf chestnut oak	SW
<i>Ranunculus cymbalaria</i>	seaside crowfoot	SW
<i>Rhamnus alnifolia</i>	American alder buckthorn	SW
<i>Rhexia virginica</i>	meadow beauty	SW
<i>Rhododendron prinophyllum</i>	early azalea	SW
<i>Rhododendron viscosum</i>	swamp azalea	SW
<i>Rhynchospora fusca</i>	sooty beak-rush	Ind
<i>Rumex persicarioides</i> var. <i>fueginus</i>	seaside dock	Ind
<i>Salix occidentalis</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 acutus</i>	hardstem bulrush	Ind
<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>Sericocarpus asteroides</i>	toothed white-topped aster	SW
<i>Sicyos angulatus</i>	bur cucumber	SW
<i>Solidago hispida</i>	stiffly hairy goldenrod	Ind
<i>Solidago simplex</i> ssp. <i>randii</i> var. <i>racemosa</i>	riverbank goldenrod	Ind
<i>Solidago uliginosa</i>	Pursh's goldenrod	Ind
<i>Solidago ulmifolia</i>	elm-leaved goldenrod	Ind
<i>Sorghastrum nutans</i>	woodgrass	Ind
<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
<i>Sphagnum pulchrum</i>	peat moss	SW
<i>Sphagnum quinquefarium</i>	peat moss	Ind
<i>Sphagnum subsecundum</i>	peat moss	SW



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<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>Sphenopholis intermedia</i>	large blunt wedge grass	Ind
<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>Stachys hispida</i>	hispid hedge nettle	Ind
<i>Symphyotrichum boreale</i>	northern bog aster	Ind
<i>Symphyotrichum dumosum</i>	bushy aster	Ind
<i>Symphyotrichum subulatum</i>	small salt marsh aster	SW
<i>Teucrium canadense</i> var. <i>canadense</i>	Canadian germander	Ind
<i>Thalictrum revolutum</i>	waxy-leaf meadow-rue	Ind
<i>Tradescantia ohiensis</i>	smooth spiderwort	Ind
<i>Trillium grandiflorum</i>	large-flowered trillium	Ind
<i>Triodanis perfoliata</i>	Venus's looking-glass	Ind
<i>Trisetum spicatum</i>	spiked false oats	Ind
<i>Ulmus thomasii</i>	rock elm	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 fuscum</i>	black blueberry	Ind
<i>Vaccinium uliginosum</i>	alpine bilberry	SW
<i>Veronica serpyllifolia</i> ssp. <i>humifusa</i>	northern thyme-leaved speedwell	SW
<i>Viburnum edule</i>	squashberry	Ind
<i>Viola canadensis</i>	Canada white violet	SW
<i>Xyris montana</i>	northern yellow-eyed grass	SW
<i>Zizania palustris</i>	northern wild rice	Ind