



ENDANGERED AND THREATENED
PLANTS OF VERMONT
Vermont Department of Fish and Wildlife
Nongame and Natural Heritage Program
April 23, 2005



The following species are protected by the Vermont Endangered Species Law (10 V.S.A. Chap. 123). This list is arranged by the species family name, and then within the family name by scientific name. See end of list for key from genus to family.

Scientific Name	Common Name	State Status	Federal Status
APIACEAE - Parsley Family			
<i>Sanicula canadensis</i>	Short-styled snakeroot	T	
<i>Taenidia integerrima</i>	Yellow pimpernel	T	
ARACEAE - Arum Family			
<i>Arisaema dracontium</i>	Green dragon	T	
ASCLEPIADACEAE - Milkweed Family			
<i>Asclepias amplexicaulis</i>	Blunt-leaved milkweed	T	
<i>Asclepias tuberosa</i>	Butterfly-weed	T	
ASPLENIACEAE - Spleenwort Family			
<i>Asplenium montanum</i>	Mountain spleenwort	T	
<i>Asplenium trichomanes-ramosum</i>	Green spleenwort	T	
* (<i>A. viride</i>)			
ASTERACEAE - Aster Family			
<i>Eupatorium sessilifolium</i>	Sessile-leaved boneset	E	
<i>Helianthus strumosus</i>	Harsh sunflower	T	
<i>Lactuca hirsuta</i>	Hairy lettuce	T	
<i>Omalothea sylvatica</i>	Woodland cudweed	E	
* (<i>Gnaphalium sylvaticum</i>)			
<i>Petasites frigidus</i> var. <i>palmatus</i>	Sweet coltsfoot	T	
<i>Polymnia canadensis</i>	White-flowered leafcup	E	
<i>Prenanthes boottii</i>	Boott's rattlesnake-root	E	
<i>Solidago odora</i>	Sweet goldenrod	T	
<i>Solidago ulmifolia</i>	Elm-leaved goldenrod	E	
BETULACEAE - Birch Family			
<i>Betula pumila</i> var. <i>glandulifera</i>	Swamp birch	E	
BLECHNACEAE Chain Fern Family			
<i>Woodwardia virginica</i>	Virginia chain-fern	T	
BORAGINACEAE - Borage Family			
<i>Cynoglossum virginianum</i> var.	Northern wild comfrey	T	

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boreale * (C. boreale)			
Hackelia deflexa var. americana * (H. americana)	Nodding stickseed	T	
BRASSICACEAE - Mustard Family			
Arabis drummondii	Drummond's rock-cress	E	
Arabis lyrata	Lyre-leaved rock-cress	T	
Braya humilis	Northern rock-cress	T	
Draba cana * (D. lanceolata)	Lanceolate cress	T	
Draba glabella	Smooth draba	T	
Neobeckia aquatica * (Armoracia lacustris)	Lake-cress	T	
BRYACEAE - Bryum Family			
Plagiobryum zieri	A moss	E	
CAPRIFOLIACEAE - Honeysuckle Family			
Viburnum edule	Squashberry	T	
CARYOPHYLLACEAE - Pink Family			
Minuartia marcescens	Marcescent sandwort	T	
Minuartia rubella	Marble sandwort	T	
CAESALPINACEAE - Caesalpinia Family			
Senna hebecarpa * (Cassia hebecarpa)	Wild senna	T	
CISTACEAE - Rockrose Family			
Helianthemum bicknellii	Plains frostweed	T	
Hudsonia tomentosa	Beach heather	E	
Lechea mucronata * (L. villosa)	Hairy pinweed	E	
CLUSIACEAE - St. John's-wort Family			
Hypericum ascyron * (H. pyramidatum)	Great St. John's-wort	T	
CONVOLVULACEAE - Morning-glory Family			
Calystegia spithamea	Low bindweed	T	
CORNACEAE - Dogwood Family			
Cornus florida	Flowering dogwood	T	
CRASSULACEAE - Orpine Family			
Sedum rosea	Roseroot	T	

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CUPRESSACEAE - Cyprus Family			
Juniperus horizontalis	Creeping juniper	T	
CYPERACEAE - Sedge Family			
Carex arcta	Contracted sedge	E	
Carex atratiformis	Blackish sedge	T	
Carex buxbaumii	Buxbaum's sedge	E	
Carex capillaris	Capillary sedge	T	
Carex chordorrhiza	Creeping sedge	E	
Carex foenea	Bronze sedge	E	
* (C. aenea)			
Carex garberi	Garber's sedge	T	
Carex livida	Pale sedge	T	
Carex muehlenbergii	Muehlenberg's sedge	T	
* (C. muhlenbergii)			
Carex oligocarpa	Few-fruited sedge	E	
Carex richardsonii	Richardson's sedge	E	
Carex siccata	Hay sedge	E	
* (Carex foenea)			
Carex vaginata	Sheathed sedge	E	
Cyperus diandrus	Low cyperus	E	
Cyperus houghtonii	Houghton's cyperus	T	
Eleocharis pauciflora	Few-flowered spikerush	T	
Fimbristylis autumnalis	Autumn fimbristylis	E	
Rhynchospora capillacea	Capillary beak-rush	T	
Scirpus ancistrochaetus	Barbed-bristle bulrush	E	LE
Scirpus verecundus	Bashful bulrush	E	
DIAPENSIACEAE - Diapensia Family			
Diapensia lapponica	Diapensia	E	
DRYOPTERIDACEAE - Wood Fern Family			
Dryopteris filix-mas	Male fern	T	
Woodsia alpina	Alpine woodsia	E	
EQUISETACEAE - Horsetail Family			
Equisetum palustre	Marsh horsetail	T	
ERICACEAE - Heath Family			
Rhododendron maximum	Great laurel	T	
Vaccinium stamineum	Deerberry	E	
FABACEAE - Pea Family			

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<i>Astragalus canadensis</i>	Canadian milk-vetch	T	
<i>Astragalus robbinsii</i> var. <i>jesupii</i>	Jesup's milk-vetch	E	LE
<i>Crotalaria sagittalis</i>	Rattlebox	T	
<i>Desmodium cuspidatum</i>	Large-bracted tick-trefoil	E	
<i>Desmodium rotundifolium</i>	Prostrate tick-trefoil	T	
<i>Lathyrus maritimus</i>	Beach pea	T	
* (<i>L. japonicus</i>)			
<i>Lathyrus palustris</i>	Marsh vetchling	T	
<i>Lespedeza hirta</i>	Hairy bush-clover	T	
<i>Lespedeza violacea</i>	Violet bush-clover	T	
<i>Lupinus perennis</i>	Wild lupine	E	
FAGACEAE - Oak Family			
<i>Quercus ilicifolia</i>	Scrub oak	E	
<i>Quercus prinoides</i>	Dwarf chinkapin oak	E	
FUMARIACEAE - Fumitory Family			
<i>Corydalis aurea</i>	Golden corydalis	T	
GENTIANACEAE - Gentian Family			
<i>Gentiana andrewsii</i>	Fringe-top closed gentian	T	
<i>Gentianella amarella</i>	Felwort	T	
* (<i>Gentiana amarella</i>)			
<i>Gentianella quinquefolia</i>	Stiff gentian	T	
* (<i>Gentiana quinquefolia</i>)			
HIPPURIDACEAE - Mare's-tail Family			
<i>Hippuris vulgaris</i>	Mare's-tail	E	
HYDROPHYLLACEAE - Waterleaf Family			
<i>Hydrophyllum canadense</i>	Broad-leaved waterleaf	T	
ISOETACEAE - Quillwort Family			
<i>Isoetes engelmannii</i>	Engelmann's quillwort	T	
JUNCACEAE - Rush Family			
<i>Juncus greenei</i>	Greene's rush	E	
<i>Juncus militaris</i>	Soldier rush	E	
<i>Juncus secundus</i>	Secund rush	E	
<i>Juncus torreyi</i>	Torrey's rush	E	
LAMIACEAE - Mint Family			
<i>Agastache nepetoides</i>	Yellow giant hyssop	T	
<i>Agastache scrophulariifolia</i>	Purple giant hyssop	T	
<i>Blephilia hirsuta</i>	Hairy wood-mint	T	
<i>Dracocephalum parviflorum</i>	American dragonhead	T	
<i>Physostegia virginiana</i>	Obedience	T	

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<i>Pycnanthemum incanum</i>	Hoary mountain mint	E	
LENTIBULARIACEAE - Bladderwort Family			
<i>Utricularia resupinata</i>	Northeastern bladderwort	T	
LILIACEAE - Lily Family			
<i>Allium canadense</i>	Wild garlic	T	
<i>Tofieldia glutinosa</i>	Sticky false-asphodel	T	
LYCOPODIACEAE - Clubmoss Family			
<i>Diphasiastrum sitchense</i> * (<i>Lycopodium sitchense</i>)	Alaskan clubmoss	T	
LYGODIACEAE - Curly-grass Family			
<i>Lygodium palmatum</i>	Climbing fern	E	
MELASTOMATACEAE - Melastoma Family			
<i>Rhexia virginica</i>	Virginia meadow-beauty	T	
MONOTROPACEAE - Indian Pipe Family			
<i>Pterospora andromedea</i>	Pinedrops	E	
MORACEAE - Mulberry Family			
<i>Morus rubra</i>	Red mulberry	T	
NYMPHAEACEAE - Water-Lily Family			
<i>Nymphaea leibergii</i>	Pygmy water-lily	E	
ONAGRACEAE - Evening Primrose Family			
<i>Ludwigia polycarpa</i>	Many-fruited false-loosestrife	E	
OPHIOGLOSSACEAE - Adder's-tongue Family			
<i>Botrychium lunaria</i>	Moonwort	E	
ORCHIDACEAE - Orchid Family			
<i>Aplectrum hyemale</i>	Putty-root	T	
<i>Arethusa bulbosa</i>	Arethusa	T	
<i>Calypso bulbosa</i>	Fairy slipper	T	
<i>Corallorhiza odontorhiza</i>	Autumn coral-root	T	
<i>Cypripedium arietinum</i>	Ram's head lady's-slipper	T	
<i>Isotria medeoloides</i>	Small whorled pogonia	E	LT
<i>Isotria verticillata</i>	Large whorled pogonia	T	
<i>Liparis liliifolia</i>	Lily-leaved twayblade	T	
<i>Listera auriculata</i>	Auricled twayblade	E	
<i>Listera australis</i>	Southern twayblade	E	

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Malaxis brachypoda	White adder's mouth	T	
Platanthera flava	Tubercled orchis	T	
Platanthera hookeri	Hooker's orchis	T	
Triphora trianthophora	Three-bird orchid	T	
PINACEAE - Pine Family			
Pinus banksiana	Jack pine	T	
POACEAE - Grass Family			
Ammophila champlainensis	Champlain beach grass		
Calamagrostis stricta ssp. inexpansa	Bentgrass	E	
Glyceria acutiflora	Sharp manna-grass	E	
Hierochloe alpina	Alpine sweet-grass	T	
Oryzopsis pungens	Slender mountain-rice	T	
Panicum flexile	Stiff witch-grass	E	
Sphenopholis nitida	Shiny wedgegrass	E	
Sphenopholis obtusata	Blunt sphenopholis	E	
Sporobolus asper	Rough dropseed	E	
Vulpia octoflora	Eight-flowered fescue	E	
POLEMONIACEAE - Polemonium Family			
Polemonium van-bruntiae	Eastern Jacob's ladder	T	
POLYGONACEAE - Buckwheat Family			
Polygonum douglasii	Douglas knotweed	E	
PRIMULACEAE - Primula Family			
Primula mistassinica	Bird's-eye primrose	T	
PTERIDACEAE - Maidenhair Fern Family			
Adiantum viridimontanum	Green mountain maidenhair-fern	T	
PYROLACEAE - Wintergreen Family			
Pyrola asarifolia	Bog wintergreen	T	
Pyrola minor	Lesser pyrola	E	
RANUNCULACEAE - Buttercup Family			
Anemone multifida	Early thimbleweed	E	
Hydrastis canadensis	Golden-seal	E	
Ranunculus allegheniensis	Allegheny crowfoot	T	
RHAMNACEAE - Buckthorn Family			
Ceanothus herbaceus	Prairie redroot	E	
ROSACEAE - Rose Family			

Scientific Name	Common Name	State Status	Federal Status
Potentilla pensylvanica var. prectinata * (P. p. var. bipinnatifida)	Northern cinquefoil	E	
Prunus americana	Wild plum	T	
Rosa acicularis	Needle-spine rose	E	
RUBIACEAE - Madder Family			
Galium labradoricum	Bog bedstraw	T	
SALICACEAE - Willow Family			
Salix planifolia	Tea-leaved willow	T	
Salix uva-ursi	Bearberry willow	E	
SCHEUCHZERIAACEAE - Scheuchzeria Family			
Scheuchzeria palustris ssp. americana	Pod-grass	T	
SCROPHULARIACEAE - Figwort Family			
Castilleja septentrionalis	Pale painted-cup	T	
Veronicastrum virginicum	Culver's-root	E	
SPARGANIACEAE - Bur-reed Family			
Sparganium natans * (S. minimum)	Lesser bur-reed	T	
SPHAGNACEAE Sphagnum Family			
Sphagnum nitidum * (S. subfulvum)	A peatmoss	E	
VALERIANACEAE - Valerian Family			
Valeriana uliginosa	Marsh valerian	E	
VIOLACEAE - Violet Family			
Viola lanceolata	Lance-leaved violet	T	
XYRIDACEAE - Yellow-eyed Grass Family			
Xyris montana	Northern yellow-eyed grass	T	

* Synonym – indicates a name change from the previous Vermont Endangered and Threatened Species list or an alternative name that may be encountered

KEY TO FAMILY FROM GENUS

GENUS	FAMILY	GENUS	FAMILY
Adiantum	Pteridaceae	Hydrastis	Ranunculaceae
Agastache	Lamiaceae	Hydrophyllum	Hydrophyllaceae
Allium	Liliaceae	Hypericum	Clusiaceae
Ammophila	Poaceae	Isoetes	Isoetaceae
Anemone	Ranunculaceae	Isotria	Orchidaceae
Aplectrum	Orchidaceae	Juncus	Juncaceae
Arabis	Brassicaceae	Juniperus	Cupressaceae
Arethusa	Orchidaceae	Lactuca	Asteraceae
Arisaema	Araceae	Lathyrus	Fabaceae
Asclepias	Asclepiadaceae	Lechea	Cistaceae
Asplenium	Aspleniaceae	Lespedeza	Fabaceae
Astragalus	Fabaceae	Liparis	Orchidaceae
Betula	Betulaceae	Listera	Orchidaceae
Blephilia	Lamiaceae	Ludwigia	Onagraceae
Botrychium	Ophioglossaceae	Lupinus	Fabaceae
Braya	Brassicaceae	Lygodium	Schizaeaceae
Calamagrostis	Poaceae	Malaxis	Orchidaceae
Calypso	Orchidaceae	Minuartia	Caryophyllaceae
Calystegia	Convolvulaceae	Morus	Moraceae
Carex	Cyperaceae	Neobeckia	Brassicaceae
Castilleja	Scrophulariaceae	Nymphaea	Nymphaeaceae
Ceanothus	Rhamnaceae	Omalotheca	Asteraceae
Corallorrhiza	Orchidaceae	Oryzopsis	Poaceae
Cornus	Cornaceae	Panicum	Poaceae
Corydalis	Fumariaceae	Petasites	Asteraceae
Crotalaria	Fabaceae	Physostegia	Lamiaceae
Cynoglossum	Boraginaceae	Pinus	Pinaceae
Cyperus	Cyperaceae	Plagiobryum	Bryaceae
Cypripedium	Orchidaceae	Platanthera	Orchidaceae
Desmodium	Fabaceae	Polemonium	Polemoniaceae
Diapensia	Diapensiaceae	Polygonum	Polygonaceae
Lycopodium	Lycopodiaceae	Polymnia	Asteraceae
Draba	Brassicaceae	Potentilla	Rosaceae
Dracocephalum	Lamiaceae	Prenanthes	Asteraceae
Dryopteris	Dryopteridaceae	Primula	Primulaceae
Eleocharis	Cyperaceae	Prunus	Rosaceae
Equisetum	Equisetaceae	Pterospora	Monotropaceae
Eupatorium	Asteraceae	Pycnanthemum	Lamiaceae
Fimbristylis	Cyperaceae	Pyrola	Pyrolaceae
Galium	Rubiaceae	Quercus	Fagaceae
Gentiana	Gentianaceae	Ranunculus	Ranunculaceae
Gentianella	Gentianaceae	Rhexia	Melastomataceae
Glyceria	Poaceae	Rhododendron	Ericaceae
Hackelia	Boraginaceae	Rhynchospora	Cyperaceae
Helianthemum	Cistaceae	Rosa	Rosaceae
Helianthus	Asteraceae	GENUS	FAMILY
Hierochloa	Poaceae	Salix	Salicaceae
Hippuris	Hippuridaceae	Sanicula	Apiaceae
Hudsonia	Cistaceae	Scheuchzeria	Scheuchzeriaceae
		Scirpus	Cyperaceae

Sedum	Crassulaceae	Utricularia	Lentibulariaceae
Senna	Fabaceae	Vaccinium	Ericaceae
Solidago	Asteraceae	Valeriana	Valerianaceae
Sparganium	Sparganiaceae	Veronicastrum	Scrophulariaceae
Sphagnum	Sphagnaceae	Viburnum	Caprifoliaceae
Sphenopholis	Poaceae	Viola	Violaceae
Sporobolus	Poaceae	Vulpia	Poaceae
Taenidia	Apiaceae	Woodsia	Dryopteridaceae
Tofieldia	Liliaceae	Woodwardia	Blechnaceae
Triphora	Orchidaceae	Xyris	Xyridaceae

State Status As per the Vermont Endangered Species Law (10 V.S.A. Chap. 123)

E: Endangered: in immediate danger of becoming extirpated in the state

T: Threatened: with high possibility of becoming endangered in the near future

There are 63 state endangered and 91 state threatened plants in Vermont.

Federal Status As per the Federal Endangered Species Act (P.L. 93-205)

LE: Listed endangered

LT: Listed threatened

For further information on the Vermont Endangered Species Law or endangered and threatened plants and animals in Vermont contact the Nongame and Natural Heritage Program, Vermont Dept. of Fish and Wildlife, 103 South Main St. Waterbury, VT 05671-0501. (802) 241-3700.

Also available from the Nongame and Natural Heritage Program is a list of rare and uncommon plants of Vermont. This list includes both species protected by the Vermont Endangered Species Law and those rare in the state, but not afforded such protection. Also see the link to our program in our Department's web page: <http://www.vtfishandwildlife.com/>