

SPECIAL PLANTS OF VERMONT
Rare, Threatened and Endangered Vascular Plants
Vermont Natural Heritage Program
The Nature Conservancy
February, 1985

<u>FAMILY/Species</u>	<u>Common Name</u>	<u>Comments</u>
EQUISETACEAE		
Equisetum palustre	Marsh Horsetail	alluvium, wet places
Equisetum pratense	Meadow Horsetail	river shores
LYCOPODIACEAE		
Lycopodium inundatum var. bigelovii	Slender Bog-Clubmoss	no recent collections? bogs. NLR
Lycopodium sabinifolium	Ground Fir	dry woods; scattered throughout
Lycopodium selago	Fir Clubmoss	alpine, n. VT. arctic sp.
Lycopodium sitchense	Sitka Clubmoss	n. VT, open. arctic sp.
ISOETACEAE		
Isoetes engelmanni	Engelmann's Quillwort	muddy shores. NLR
Isoetes riparia	River-bank Quillwort	muddy shores. NLR
OPHIOGLOSSACEAE		
Botrychium lunaria	Moonwort	open places, meadows. SLR
Botrychium multifidum	Leathery Grape-fern	fields, open woods. throughout
SCHIZAEACEAE		
Lygodium palmatum	Climbing Fern	only one station known; NLR
ADIANTACEAE		
Adiantum pedatum var. aleuticum	Aleutian Maidenhair Fern	serpentine rock, n. VT
Pellaea glabella	Smooth Cliff-brake	limy cliffs, Champlain valley
ASPLENIACEAE		
Asplenium montanum	Mountain Spleenwort	one station. cliffs. NLR
Asplenium viride	Green Spleenwort	crevices in limy rock, n.e. VT
Dryopteris filix-mas	Male Fern	rare throughout range. woods.
Dryopteris fragrans	Fragrant Fern	mountain ledges.
Thelypteris simulata	Massachusetts Fern	swampy woods. NLR
Woodsia alpina	Alpine Woodsia	arctic sp. limy ledges, n. & w. VT
Woodsia glabella	Smooth Woodsia	shaded, limy ledges. n. & w. VT
Woodsia obtusa	Blunt-leaved Woodsia	NLR. rocky woods, ledges

BLECHNACEAE

Woodwardia virginica

Virginia Chain-fern

acid swamps. s. & w. VT

NLR = NORTHERN LIMIT of RANGE

SLR = SOUTHERN LIMIT of RANGE

<u>FAMILY/Species</u>	<u>Common Name</u>	<u>Comments</u>
PINACEAE		
Pinus banksiana	Jack Pine	dry places. common to our north
CUPRESSACEAE		
Juniperus horizontalis	Creeping Juniper	one station, w. VT ledges
SPARGANIACEAE		
Sparganium angustifolium	Bur-reed	muddy shores, w. VT
Sparganium angustifolium	Water Bur-reed	shallow ponds, scattered
POTAMOGETONACEAE		
Potamogeton confervoides	Tuckerman's Pondweed	4 stations, high elev., s. VT
Potamogeton diversifolius	Pondweed	1 station, rare in N.E. NLR
Potamogeton filiformis	Slender Pondweed	alkaline lakes, n. VT. SLR
var. alpinus		
Potamogeton friesii	Fries' Pondweed	alkaline waters, w. VT
Potamogeton hillii	Hill's Pondweed	rare throughout range. s. VT
Potamogeton lateralis	Pondweed	taxonomy unclear. very rare
Potamogeton oregonii	Ogden's Pondweed	very rare throughout. 2 stations
ZANNICHELLACEAE		
Zannichellia palustris	Horned Pondweed	Lake Champlain. NLR
MAJADACEAE		
Najas guadalupensis	Guadalupe Maid	NLR. 2 stations.
Najas gracillima	Slender Maid	NLR. 1 station, Conn. R. valley
SCHUCHERZERIACEAE		
Scheuchzeria palustris	Pod-grass	declining. bogs, poor fens
(our plants are ssp. americana)		
POACEAE		
Aristida longispica	Spiked Needlegrass	sandy shores, roadsides, s. & w. VT
(our plants are var. geniculata)		
Agrostis mertensii	Boreal Bentgrass	alpine. 3 stations, n. VT
(A. borealis)		
Agrostis canina	Velvet Bentgrass	wet meadows. SLR
Agrostis hiemalis	Ticklegrass	dry or damp openings. NLR
Amphipha breviligulata	Champlain Beachgrass	endemic to Lake Champlain
var. champlainensis		endangered. sandy shores
Calamagrostis neglecta	Reed-bentgrass	wet shores, rock crevices
(incl. C. inexpectata)		Willoughby, Smuggler's notch
Cenchrus longispinus	Sandbur	sandy shores, s.e. & w. VT

<u>FAMILY/Species</u>	<u>Common Name</u>	<u>Comments</u>
Dichanthelium depauperatum (Panicum d.)	Depauperate Panic-grass	ledges, openings. low altitudes
Dichanthelium oligosanthes (Panicum o.; our plants are var scribnerianum)	Few-flowered Panic-grass	open areas. Vernon
Dichanthelium sabulorum (Panicum s.; P. columbianum)	Panic-grass	status unknown. sand. NLR
Dichanthelium sphaerocarpon (Panicum s.)	Spherical Panic-grass	sandy fields. NLR
Dichanthelium xanthophyllum (Panicum x.)	Yellow Panic-grass	openings, s.e. & w. VT
Elymus villosus	Hairy Wild Rye	riverbanks, s.w. VT
Eragrostis capillaris	Lace Love-grass	dry soil, w. VT
Eragrostis frankii	Frank's Love-grass	sandy shores, s.e. & w. VT
Eragrostis hypnoides	Creeping Love-grass	sandy shores, w. VT
Glyceria acutiflora	Sharp Manna-grass	deep marshes, w. VT
Hierochloa alpina	Alpine Sweetgrass	alpine
Muhlenbergia sobolifera	Sprout Muhlenbergia	ledgy woods, s. VT
Muhlenbergia tenuiflora	Slender Muhlenbergia	ledgy woods, s. VT
Oryzopsis pungens	Slender Mountain-rice	dry woods, s. & w. VT
Panicum flexile	Panic-grass	1 station, w. VT
Panicum rigidulum (P. agrostoides)	Stiff Panic-grass	meadows, Conn. R. valley
Panicum virgatum	Switch-grass	dry fields. NLR. s.e. & w. VT
Paspalum setaceum	Paspalum	NLR. s.e. & w. VT. thin woods
(our plants are var. muhlenbergii-P. ciliatifolium var. m.)		
Poa fernaldiana	Wavy Bluegrass	arctic/alpine. status unclear
Poa glauca	Glaucous Bluegrass	ledges, alpine. status unknown
Poa lanigunda	Drifting Spear-grass	dry fertile woods, s.VT
Sphenopholis nitida	Shiny Wedgegrass	Caledonia Co.
Sphenopholis obtusata	Blunt Sphenopholis	Orleans Co. dry ledges
var. obtusata (S. o. var. lobata)		
Sphenopholis pensylvanica (Trisetum p.)	Swamp-oats	meadows, Conn. R. valley
Sporobolus asper	Rough Dropseed	1 station, L. Champlain shore
Sporobolus neglectus	Small Dropseed	dry places, w. VT
Trisetum melicoides	Purple False-oats	shores, thickets, w. VT
Trisetum triflorum	Spiked Bristle-grass	high mountains
ssp. triflorum (T. spicatum var. pilosiglume)		
Vulpia octoflora (Festuca o.; our plants are var. glauca)	Eight-flowered Fescue	NLR. w. VT. open areas
CYPERACEAE		
Carex aestivalis	Summer Sedge	moist woods. NLR.
Carex albursina	Minnesota Sedge	limy woods, low altitudes
Carex alopecuroides	Fox-tail Sedge	limy meadows, w. VT
Carex aquatilis	Water Sedge	limy open wetlands. SLR
Carex acuta	Contracted Sedge	swamps, shores. SLR
Carex atlantica	Eastern Sedge	open limy wetlands
Carex atratifomis	Black Sedge	moist subalpine cliffs
Carex backii	Back's Sedge	dry limy woods, s. & w. VT
Carex bicknellii	Bicknell's Sedge	dry soil, Addison Co.

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Carex bigelowii	Bigelow's Sedge		ARACEAE		
Carex bullata	Inflated Sedge	alpine. SLR	Arisaema dracontium	Green Dragon	floodplain woods, e. & w. VT
Carex burbaumi	Burbaum's Sedge	one unverified report			
Carex chortodrhiza	Creeping Sedge	meadows, w. VT	XYRIDACEAE		
Carex davisii	Davis' Sedge	fens, w. VT	Xyris difformis	Yellow-eyed-grass	peaty sand, s. VT. NLR
Carex demissa	Low Sedge	floodplain woods, Windham Co.	Xyris montana	Small Yellow-eyed-grass	peaty and sandy shores, n. VT. SLR
Carex erilis	Bog Sedge	one hist. record, n.e. VT			
Carex flava var. gaspensis	Yellow Gaspe Sedge	northern bogs	JUNCACEAE		
Carex foenea	Hay Sedge	calcareous shores, n.e. VT	Juncus acuminatus	Tapering Rush	open wetlands, Windham Co.
Carex formosa	Thicket Sedge	sandy beaches, Lake Champlain	Juncus alpinus	Alpine Rush	lake shores, w. VT
Carex garberi	Garber's Sedge	damp limy woods, e. & w. VT	(both asp. alpinus and asp. nodulosus)		
Carex grayi	Gray's Sedge	river-shores: Conn. and Winoski	Juncus balticus	Shore Rush	sandy/ peaty shores, Rutland Co.
Carex haydenii	Hayden's Sedge	floodplains, shores, w. VT	(our plants are var. littoralis)		
Carex hitchcockiana	Hitchcock's Sedge	meadows. one sta., w. VT	Juncus Greenei	Green's Rush	dry sands. Windham Co.
Carex houghtonii	Houghton's Sedge	dry limy woods, s. VT	Juncus marginatus	Grass Rush	damp shores, meadows, s. & w. VT
Carex laevigata	Smooth Sedge	open ground, s. & w. VT	Juncus militaris	Soldier Rush	ponds, Windham Co. missing
Carex laxiculmis	Loose Sedge	shores, ditches, s. & w. VT	Juncus torreyi	Torrey's Rush	waste ground, s. & w. VT
Carex livida	Pale Sedge	moist limy woods, s. VT	Juncus trifidus	Highland Rush	mountains, alpine ledges
(our plants are var. radicaulis)		limy fens. one sta., n. VT	Luzula parviflora	Small-flowered Rush	mossy banks, woods. throughout
Carex lupuliformis	False-Hop Sedge	limy marshes, s. & w. VT	(our plants are esp. melanocarpa)		
Carex oligocarpa	Few-fruited Sedge	dry limy woods, s. VT	Luzula spicata	Spiked Woodrush	alpine; perhaps extinct in VT
Carex pseudo-cyperus	False Cyperus	limy thickets and swamps			
Carex retroflexa	Reflexed Sedge	dry limy woodlands, s. VT	LILIACEAE		
Carex richardsonii	Richardson's Sedge	limy sedge meadows, s.w. VT	Allium canadense	Wild Garlic	thickets. Chittenden & Rutland Cos.
Carex schweinitzii	Schweinitz's Sedge	fens, limy wetlands	Allium schoenoprasum	Siberian Chives	shores of Connecticut River
Carex sterilis	Sterile Sedge	bogs, swamps. Essex Co.	(the native plants are referred to var. sibiricum)		
Carex scirpoides	Scirpus-like Sedge	subalpine cliffs	Polygonatum biflorum	Giant Solomon's Seal	rich woods, s. VT
Carex tenuiflora	Thin-flowered Sedge	cedar swamps, n. & w. VT	var. commutatum		
Carex tennocarpa	Hairy Sedge	fens, limy wetlands, s. VT	Tofieldia glutinosa	Sticky False Asphodel	shores of Connecticut River
Carex typhina	Cat-tail Sedge	limy sedge meadows, w. VT	Uvularia perfoliata	Perfoliate Bellwort	dry limy woods, s. VT
Carex vaginata	Sheathed Sedge	cedar swamps, n. VT	Zigadenus elegans sp. glaucus	White Camass	not seen since 1912; Ferrisburg
Carex viridula	Greenish Sedge	damp limy ledges; fens	Hypoxis hirsuta	Stargrass	meadows. not seen recently
Carex wiegandii	Wiegand's Sedge	bogs, swamps; missing			
Carex wildenowii	Willdenow's Sedge	dry limy woods, Rutland Co.	IRIDACEAE		
Cyperus engelmannii	Engelmann's Cyperus	pond shores, Windham Co.	Sisyrinchium angustifolium	Narrow Blue-eyed-grass	meadows, shores. throughout
Cyperus ferruginescens	Rusty Umbrella Sedge	river shores, Windham Co.	Sisyrinchium atlanticum	Eastern Blue-eyed-grass	swales, low woods, s. VT
Cyperus houghtonii	Houghton's Cyperus	dry woods, w. VT	Sisyrinchium mucronatum	Slender Blue-eyed-grass	meadows, fields, s. VT
Eleocharis intermedia	Intermediate Spike rush	muddy shores, throughout			
Eleocharis nitida	Neat Spike-rush	damp peat or sand. SLR	Amerochis rotundifolia	Small round-leaved	no recent records. cedar swamps
Eleocharis olivacea	Olive Spike-rush	wet sand or peat	(Orchis r.)	Orchis	
Eleocharis obtusa var. ovata	Ovate Spike-rush	wet open places, scattered	Aplectrum hyemale	Puttyroot	rocky woods. one sta., w. VT
(E. ovata)			Arethusa bulbosa	Arethusa	bogs, fens
Eleocharis pauciflora	Few-flowered Spike-rush	limy shores, wetlands, ledges	Calypso bulbosa	Calypso, Fairy Slipper	limy swamps, n. VT
(our plants are var. fernaldii)			Corallorhiza odontorhiza	Autumn Coral-root	rich woods, leaf mold. s. VT
Fimbristylis autumnalis	Autumn Fimbristylis	pond shores, s.e. VT; missing	Cypripedium arietinum	Ram's-head	limy swamps and woods
Rhynchospora capillacea	Capillary Beak-rush	wet, limy rocks			
Scirpus anastrochaetus	Barbed Bulrush	wet shores, pools, s.e. VT			
Scirpus caespitosus	Deerhair Sedge	alpine			
Scirpus polyphyllus	Many-leaved Sedge	swamps, wet woods, s. VT			
Scirpus purpureus	Pursh's Bulrush	shores, Windham Co.			
Scirpus smithii	Smith's Bulrush	lake/pond shores, s. & w. VT			
Scirpus verucundus	Bashful Bulrush	dry rocky woods, s. & w. VT			

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Cypripedium parviflorum (= C. calceolus var. parviflorum)	Small Yellow Lady's-slipper			MORACEAE	
Cypripedium pubescens (= C. calceolus var. pubescens)	Large Yellow Lady's-slipper	limy swamps		Morus rubra	Red Mulberry
Cypripedium reginae	Shoey Lady's-slipper	calcareous woods, w. VT		SANTALACEAE	
Liparis lilifolia	Lily-leaved Twayblade	cedar swamps, fens		Geocaulon lividum	Northern Toadflax
Listera auriculata	Auricle-leaved Twayblade	rich moist woods. no recent records		POLYGONACEAE	
Listera australis	Southern Twayblade	mossy alder thickets. extirpated?		Polygonum achoreum	Blue Knotweed
Malaxis brachypoda (Malaxis monophyllos var b.)	White Adder's-mouth	bogs. one station, n. VT		Polygonum douglasii	Douglas' Knotweed
Malaxis unifolia	Green Adder's-mouth	cedar swamps		Polygonum erectum	Erect Knotweed
Isotria medeoloides	Small Whorled Pogonia	diverse habitats, throughout		Polygonum ramissimum	Bushy Knotweed
Isotria verticillata	Large Whorled Pogonia	acid woods. one hist. sta.		Polygonum viviparum	Alpine Bistort
Platanthera flava	Tuberled Orchid	no recent sta. s. VT, acid woods		CHENOPODIACEAE	
Platanthera f. ; our plants are var. herbicola)	Hooker's Orchid	river-shores, meadows. decl.		Chenopodium foggii	Fogg's Goosefoot
Platanthera hookeri	Hooker's Orchid	woods. status unknown		AMARANTHACEAE	
Triphora trianthophora	Three-birds Orchid	humus w/ beech. Windham Co.		Amaranthus tuberculatus (Acnida altissima)	Water Hemp
SALICACEAE				PORTULACACEAE	
Salix exigua (S. interior)	Sandbar Willow			Claytonia virginica	Virginia Spring-beauty
Salix pedicellaris	Bog-willow	Lake Champlain shores		CARYOPHYLLACEAE	
Salix pellita	Satiny Willow	swamps, bogs		Minuartia groenlandica (Arenaria g.)	Mountain Sandwort
Salix planifolia	Tea-leaved Willow	riverbanks, n. VT		Minuartia marcescens (Arenaria m.)	Serpentine Sandwort
Salix serissima	Autumn Willow	alpine (Mt. Mansfield)		Minuartia rubella(Arenaria r.)	Arctic Sandwort
Salix uva-ursi	Bearberry Willow	limy swamps, s. VT		Moehringia macrophylla (Arenaria m.)	Large-leaved Sandwort
JUGLANDACEAE				Paronychia canadensis	Smooth Forked Chickweed
Carya glabra	Pignut Hickory	taxonomy of these in question		Sagina decumbens	Small Pearlwort
Carya ovalis	Sweet Pignut Hickory	NLR		CERATOPHYLLACEAE	
Juglans nigra	Black Walnut	no native pop'ns known. NLR		Ceratophyllum muricatum (C. echinatum; C. demersum var. e.)	Hornwort
BETULACEAE					
Betula borealis	Northern Birch				
Betula glandulosa	Dwarf Birch	SLR. status unknown			
Betula pumila	Dwarf Birch?	SLR. not verified.			
Corylus americana	Hazel-nut	SLR. bogs? status unknown			
FAGACEAE					
Quercus coccinea	Scarlet Oak	s. VT. NLR. woods			
Quercus ilicifolia	Scrub Oak				
Quercus muhlenbergii	Yellow Oak	dry light soil, s. & w. VT			
Quercus prinoides	Chinquapin Oak	dry soil, Windham Co.			
ULMACEAE					
Ulmus thomasi	Cork Elm	Champlain valley, s. VT.			
		Bennington Co.			
		perhaps extinct in VT. ELR			

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MORACEAE		
Morus rubra	Red Mulberry	woods, s. VT. NLR
SANTALACEAE		
Geocaulon lividum	Northern Toadflax	alpine. SLR. not seen recently
POLYGONACEAE		
Polygonum achoreum	Blue Knotweed	roadsides, w. VT
Polygonum douglasii	Douglas' Knotweed	dry soil, ledges, w. VT
Polygonum erectum	Erect Knotweed	waste places, s. & w. VT
Polygonum ramissimum	Bushy Knotweed	roadsides, etc. Bennington Co.
Polygonum viviparum	Alpine Bistort	alpine. no recent records
CHENOPODIACEAE		
Chenopodium foggii	Fogg's Goosefoot	not seen recently.
AMARANTHACEAE		
Amaranthus tuberculatus (Acnida altissima)	Water Hemp	shores, low ground. w. VT
PORTULACACEAE		
Claytonia virginica	Virginia Spring-beauty	rich woods, w. VT
CARYOPHYLLACEAE		
Minuartia groenlandica (Arenaria g.)	Mountain Sandwort	alpine.
Minuartia marcescens (Arenaria m.)	Serpentine Sandwort	single U.S. station. high elev.
Minuartia rubella(Arenaria r.)	Arctic Sandwort	serpentine rock
Moehringia macrophylla (Arenaria m.)	Large-leaved Sandwort	serpentine cliffs
Paronychia canadensis	Smooth Forked Chickweed	104 elev. serpentine outcrops
Sagina decumbens	Small Pearlwort	rich rocky woods, s.e. & s.w. VT
CERATOPHYLLACEAE		
Ceratophyllum muricatum (C. echinatum; C. demersum var. e.)	Hornwort	dry sandy soil, Windham Co.
		quiet waters. NLR

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RANUNCULACEAE		
Anemone multifida	Early Thimbleweed	river ledges
Hydrastis canadensis	Goldenseal	rich woods. decl., endangered
Ranunculus allegheniensis	Allegheny Crowfoot	sweet soil, damp. Rutland Co.
Ranunculus fascicularis	Early Buttercup	open hillsides, w. VT
Ranunculus flabellaris	Yellow Water Crowfoot	quiet waters. NLR
Ranunculus hispidus	Bristly Buttercup	dry rocky woods, s. & w. VT
Ranunculus sceleratus	Cursed Crowfoot	marshes. Chittenden Co.
Thalictrum thalictroides	Rue-anemone	open woods, n. VT. NLR
(Anemonella t.)		
Thalictrum venulosum	Border Meadow-rue	shores. Lake Champlain
(T. confine)		
BERBERIDACEAE		
Podophyllum peltatum	May-apple	rich woods, s.w. VT. native?
MAGNOLIACEAE		
Liriodendron tulipifera	Yellow Poplar	Benn. Co. no native pop'ns known
LAURACEAE		
Sassafras albidum	Sassafras	s.e. & s.w. VT. NLR
PAPAVERACEAE		
Corydalis aurea	Golden Corydalis	limy ledges, shores. w. VT
BRASSICACEAE		
Arabis lyrata	Lyre-leaved rock-cress	dry ledges, Bennington Co.
Arabis missouriensis	Green Rock-cress	dry ledges, Rutland Co.
Armoracia aquatica	Lake Cress	Lake Champlain
Braya humilis	New England Rock-cress	subalpine cliffs
(the native VT plants have been treated as var. leiocarpa)		
Cardamine bulbosa	Spring Cress	springs, meadows, w. VT
Cardamine pratensis	Cuckoo Flower	calcareous water, springs, swamps
var. palustris		
Descurainia pinnata	Tansy-mustard	dry sandy soil, w. VT
(our plants are ssp. brachycarpa)		
Draba glabella	Smooth Draba	arctic sp. n. VT & Lake Champlain
Draba cana (D. lanceolata)	Lanceolate Cress	subalpine cliffs. SLR
Subularia aquatica	Water-awlwort	sandy lakeshores. Windham Co.
PODOSTEMACEAE		
Podostemum ceratophyllum	Riverweed	shallow, swift rivers
-9-		
<u>FAMILY/Species</u>	<u>Common Name</u>	<u>Comments</u>
CRASSULACEAE		
Crassula aquatica (Willaea a.)	Pigmy Weed	poole, tidal shores. Windham Co.
Sedum rosea	Roseroot	subalpine ledges. SLR
SAXIFRAGACEAE		
Saxifraga aizoides	Yellow Mountain Saxifrage	limy subalpine cliffs, n. VT
Saxifraga paniculata	Livelong Saxifrage	limy subalpine cliffs, n. VT
(S. aizoon; ours are var. neogaea)		
Saxifraga oppositifolia	Purple Mountain Saxifrage	limy subalpine cliffs, n. VT
ROSACEAE		
Agrimonia pubescens	Hairy Agrimony	rich woods, limy ledges, w. VT
Rosa blanda var. glabra	Northern Rose	shores, Lake Champlain
(R. johannensis)		
Potentilla arguta	Tall Cinquefoil	dry limy woods. NLR
Prunus americana	Wild Plum	hard to tell native pop'ns. w. VT
Sorbus decora (Pyrus d.)	Shining Mountain-ash	wet woods, mountains
FABACEAE		
Astragalus alpinus	Northern Milk-vetch	limy banks of Connecticut River
(our plants are var. brunetianus)		
Astragalus canadensis	Canadian Milk-vetch	shores, local. n. VT
Astragalus robbinsii	Jesup's Milk-vetch	Connecticut R. ledges. endemic
var. Jesupi (A. Jesupi)		
Astragalus robbinsii	Blake's Milk-vetch	subalpine cliffs, n. VT
var. minor (A. blakei)		
Baptisia tinctoria	Wild Indigo	s. VT. dry fields
Cassia hebecarpa	Wild Senna	thickets, fields, s. VT
Cassia nictitans	Wild Sensitive Plant	dry soil, s. VT
Crotalaria sagittalis	Rattlebox	dry sandy soil, Windham Co.
Desmodium cuspidatum	Large-bracted Tick-trefoil	rocky, limy woods, s. VT
Desmodium rotundifolium	Round-leaved Beggar's ticks	dry rocky woods, s. VT
Hedysarum alpinum	Alpine Sweet-broom	mountain ledges, n. VT. NLR
(our plants are var. alpinum)		
Lathyrus japonicus	Beach Pea	sandy shores, L. Champlain
Lathyrus ochroleucus	Pale Vetchling	dry woods, openings, L. Champlain
Lathyrus palustris	Vetchling	shores, meadows, L. Champlain
Lespedeza hirta	Hairy Bush-clover	dry woods, s. VT
Lespedeza steuvei	Bush-clover	dry woods, s. VT
Lespedeza violacea	Violet Bush-clover	dry woods, s. & w. VT
Lupinus perennis	Wild Lupine	warm open sand, s. & w. VT

<u>FAMILY/Species</u>	<u>Common Name</u>	<u>Comments</u>
CISTACEAE		
Helianthemum bicknellii	Frostweed	dry soil, open. s. & w. VT
Hudsonia tomentosa	Beach Heather	sand dunes, Lake Champlain
Lechea maritima	Seaside Pinweed	open sandy soil. Chittenden Co.
Lechea minor	Lesser Pinweed	sandy soil. Windham Co.
Lechea villosa (L. mucronata)	Hairy Pinweed	sandy fields, Windham Co.
VIOLACEAE (taxonomy according to Russell)		
Hybanthus concolor	Green Violet	new to VT: w. VT, rich woods
Viola lanceolata	Lance-leaved Violet	shores, meadows. s. VT
Viola palmata	Palmete Violet	wooded hills, s.w. VT
Viola triloba	Three-lobed Violet	dry woods, s.w. VT
ELAENAGACEAE		
Shepherdia canadensis	Buffalo-berry	dry woods, Champlain Valley
NYSSACEAE		
Nyssa sylvatica	Tupelo; Black Gum	swamps, s. & n.w. VT
MELASTOMATACEAE		
Rhexia virginica	Meadow Beauty	meadows. s. VT
ONAGRACEAE		
Ludwigia polycarpa	Many-fruited Water-purslane	Lake Champlain
HALORAGACEAE		
Myriophyllum humile	Water-milfoil	ponds, e. VT
HIPPURIDACEAE		
Hippuris vulgaris	Mare's-tail	ponds, e. VT
ARALIACEAE		
Panax quinquefolius	Ginseng	rich woods, throughout
APIACEAE		
Osmorhiza chilensis	Sweet Cicely	woodlands, n. VT. SLR
Osmorhiza depauperata (O. obtusa)	Sweet Cicely	woodlands, n. VT. SLR
Sanicula canadensis	Black Snakeroot	rich woods, w. VT
Taenidia integririma	Yellow Pimpernel	open woods near shores, w. VT

<u>FAMILY/Species</u>	<u>Common Name</u>	<u>Comments</u>
OXALIDACEAE		
Oxalis violacea	Violet Wood-sorrel	s. VT. not seen recently
GERANIACEAE		
Geranium carolinianum	Carolina Cranesbill	rocky hills, dry soil. w. VT
POLYGALACEAE		
Polygala polygama	Reemmed Milkwort	dry soil. Windham Co.
Polygala sanguinea	Purple Milkwort	meadows, river banks. s. & w. VT
CALLITRICHACEAE		
Callitriche hermaphroditica	Water Starwort	quiet waters, w. VT
EMPETRACEAE		
Empetrum eamsii	Purple Crowberry	high mtns. not verified recently
Empetrum nigrum	Black Crowberry	high mountains
LIMNANTHACEAE		
Floerkea proserpinacoides	False Mermaid-weed	wet woods. Chittenden Co.
ANACARDIACEAE		
Rhus aromatica	Fragrant Sumac	dry rocky hills, w. VT
RHAMNACEAE		
Ceanothus herbaceus (= C. ovatus)	Redroot	dry soil, Chittenden Co.
VITACEAE		
Vitis novae-angliae	New England Grape	river thickets. no recent stations
CLUSIACEAE		
Hypericum gentianoides	Orange Grass	dry soil, s.e. VT
Hypericum pyramidatum	Great St. John's-wort	river shores, e. & n. VT
ELATINACEAE		
Elatine minima	Small Waterwort	pond shores, w. VT

<u>FAMILY/Species</u>	<u>Common Name</u>	<u>Comments</u>
CORNACEAE		
Cornus florida	Flowering Dogwood	woods, s. VT. NLR
ERICACEAE		
Chimaphila maculata	Spotted Wintergreen	acid woods, s.e. VT. NLR
Pterospora andromedea	Pine Drops	not seen recently. dry woods
Pyrola asarifolia	Bog Wintergreen	moosey woods, limy swamps
Pyrola minor	Lesser Shinleaf	cool subalpine woods. SLR
Rhododendron maximum	Great Laurel	acid pond shores
Rhododendron periclymenoides	Pinxter-flower	woods, s. VT. NLR
(R. nudiflorum)		
Vaccinium boreale	Boreal Blueberry	Mt. Mansfield. SLR
Vaccinium uliginosum	Alpine Bilberry	alpine areas. SLR
(our plants are ssp. pubescens - var. alpinum)		
Vaccinium vitis-idaea	Mountain Cranberry	alpine. SLR
(our plants are ssp. minus)		
DIAPENSIACEAE		
Diapensia lepponica	Diapensia	alpine; small pop'n. SLR
(our plants are ssp. lapponica)		
PRIMULACEAE		
Primula mistassinica	Bird's-eye Primrose	limy cliffs and meadows, n.e. VT
Lysimachia hybrida	Lance-leaved Loosestrife	swamps
(Steironema laevigatum)		
GENTIANACEAE		
Bartonia virginica	Yellow Bartonia	clearings, s. & w. VT
Gentiana andrewsii	Andrews' Gentian	meadows, w. VT
Gentianella amarella	Felwort	n. VT
(Gentiana a.)		
Gentianella quinquefolia	Stiff Gentian	meadows, woods
(Gentiana q.)		
Gentianopsis crinita	Fringed Gentian	meadows, s. & w. VT
(Gentiana c.)		
Halenia deflexa	Spurred Gentian	moist banks, wet woods
ASCLEPIADACEAE		
Asclepias amplexicaulis	Blunt-leaved Milkweed	dry open places, Chittenden Co.
Asclepias quadrifolia	Four-leaved Milkweed	dry woods, s. & w. VT
Asclepias purpurascens	Purple Milkweed	woods and openings, Chitt. Co.
Asclepias tuberosa	Butterfly-weed	rivershores, openings.

<u>FAMILY/Species</u>	<u>Common Name</u>	<u>Comments</u>
CONVOLVULACEAE		
Calystegia spithamea (Convolvulus s.)	Low Bindweed	dry soil, open. s. & w. VT
POLEMONIACEAE		
Polemonium van-bruntiae	Eastern Jacob's-ladder	swamps, marshes, w. VT
HYDROPHYLLACEAE		
Hydrophyllum canadense	Broad Waterleaf	rich woods, s.w. VT
BORAGINACEAE		
Cynoglossum boreale	Hound's-tongue	rich open woods
Heckelia deflexa	Beggar's-lice	rocky woods
(our plants are var. americana = H. a.)		
LAMIACEAE		
Agastache nepetoides	Yellow Giant Hyssop	rich thickets. w. VT
Agastache scrophulariaefolia	Purple Giant Hyssop	rich woods, thickets. s. & w. VT
Blephilia ciliata	Downy Wood-mint	fields, meadows. Bennington Co.
Blephilia hirsuta	Hairy Wood-mint	moist woods, Bennington Co.
var. glabrata (variety unknown outside of VT)		
Collinsonia canadensis	Horse-balm	rich moist woods, s.w. VT
Dracocephalum parviflorum	Dragonhead	rocky, limy soils. w. VT
Monarda punctata	Dotted Horsemint	sandy fields, w. VT
Physostegia virginiana	Obedience; Lion's-head	rivershores and lakeshores
Scutellaria parvula	Small Skullcap	moist rocky soil, w. VT
Trichostema brachiatum	False Pennyroyal	dry soil, w. VT. not seen recently
(Isanthus b.)		
SCROPHULARIACEAE		
Aureolaria flava (Gerardia f.)	Smooth False Foxglove	dry open woods. NLR
Aureolaria pedicularia (Gerardia p.)	Feverweed	dry open woods. NLR
Castilleja septentrionalis	Pale Painted-cup	subalpine. SLR
Collinsia parviflora	Small-flowered Collinsia	slate cliffs, w. VT
Lindernia dubia	False Pimpernel	sandy shores, w. VT
var. angallidea (L. a.)		
Penstemon calycosus	Beard-tongue	open sand, s. & w. VT
Penstemon hirsutus	Hairy Beard's-tongue	dry fields, hills, s. & w. VT
Penstemon tubaeformis	Beard-tongue	meadows, s. & w. VT
Veronica catenata (=V. comosa)	Water Speedwell	marshes, w. VT
Veronicastrum virginicum	Culver's-a-physic	one sta., Chitt. Co., field

<u>FAMILY/Species</u>	<u>Common Name</u>	<u>Comments</u>	<u>FAMILY/Species</u>	<u>Common Name</u>	<u>Comments</u>
OROBANCHACEAE					
<i>Conopholis americana</i>	Squawroot	dry woods, w. VT	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane	cliffs, river ledges
LENTIBULARIACEAE					
<i>Pinguicula vulgaris</i>	Butterwort	subalpine ledges, n. VT	<i>Eupatorium fistulosum</i>	Tubular Thoroughwort	moist thickets, woods, s. VT
<i>Utricularia geminiscapa</i>	Bladderwort	quiet waters	<i>Eupatorium sessilifolium</i>	Sessile Thoroughwort	rocky open woods, Bennington Co.
<i>Utricularia gibba</i>	Humped Bladderwort	shallow pools, bogs	<i>Gnaphalium sylvaticum</i>	Woodland Cudweed	rocky slopes, woods, N. VT
<i>Utricularia purpurea</i>	Purple Bladderwort	lakes, ponds	<i>Helenium autumnale</i>	Sneezeweed	thickets, shores, w. VT
<i>Utricularia radiata</i>	Inflated Bladderwort	ponds, NLR	<i>Helianthus strumosus</i>	Harsh Sunflower	thickets, open woods, s. & w. VT
<i>Utricularia var. minor</i>			<i>Lactuca hirsuta</i>	Hairy Lettuce	open woods, scattered
<i>Utricularia resupinata</i>	Bladderwort	pond shores, mountains, SLR	(our plants are var. <i>sanguinea</i>)		
PLANTAGINACEAE					
<i>Littorella americana</i>	Shore-grass	pond margins	<i>Petasites frigidus</i>	Sweet Coltsfoot	cedar swamps, n. & w. VT
(<i>L. uniflora</i> var. <i>americana</i>)			(our plants are var. <i>palmatus</i> = P. p.)		
RUBIACEAE					
<i>Galium brevipes</i>	Bedstraw	limy swamps, shores, s. & w. VT	<i>Polymnia canadensis</i>	Leaf-cup	rich woods, Rutland Co.
<i>Galium labradoricum</i>	Labrador Bedstraw	bogs, mossy thickets, SLR	<i>Prenanthes bootii</i>	Boott's Rattlesnake-root	alpine, N.E. and N.Y. endemic
<i>Galium obtusum</i>	Large Marsh-bedstraw	swamps, wet shores.	<i>Solidago cutleri</i>	Cutler's Goldenrod	high altitudes
<i>Galium pilosum</i>	Hairy Bedstraw	dry woods, w. VT	<i>Solidago odora</i>	Sweet Goldenrod	dry woods, clearings, s. VT
CAPRIFOLIACEAE					
<i>Lonicera hirsuta</i>	Hairy Honeysuckle	limy woods, s. & w. VT	<i>Solidago patula</i>	Square-stem Goldenrod	limy swamps, s. VT
<i>Lonicera oblongifolia</i>	Swamp Fly-honeysuckle	cedar swamps, n. & w. VT	<i>Solidago ptarmicoides</i>	Snowy Aster	limy openings, s. VT
<i>Viburnum edule</i>	Squashberry	mountains	(Aster p.)		
VALERIANACEAE					
<i>Valeriana sitchensis</i>	Marsh Valerian	cedar swamps	<i>Solidago tenuifolia</i>	Slender-leaved Goldenrod	lakeshores
<i>ssp. uliginosa</i> (V. u.)			<i>Solidago ulmifolia</i>	Elm-leaved Goldenrod	dry limy woods, Bennington Co.
ASTERACEAE					
<i>Artemisia campestris</i>	Tall Wormwood	cliffs, shores, n. VT			
(incl. <i>A. caudata</i> , <i>A. canadensis</i>)					
<i>Arnica mollis</i>	Arnica	alpine			
<i>Aster foliaceus</i>	Leafy-bracted Aster	alpine, river thickets			
<i>Aster nemoralis</i>	Bog Aster	northern bogs			
<i>Aster borealis</i> (A. <i>junciiformis</i>)	Rush Aster	northern bogs			
<i>Aster paternus</i>	White-topped Aster	dry woods, s. VT			
(<i>Sericocarpus asteroides</i>)					
<i>Aster sagittifolius</i>	Arrow-leaved Aster	meadows, s.w. VT			
<i>Bidens tripartita</i> (B. <i>comosa</i>)	Tufted Beggar-ticks	shores, Windham Co.			
<i>Bidens discolor</i>	Small Bidens	shores, w. VT			
<i>Cirsium discolor</i>	Field Thistle	moist soil			