



**Rare and Uncommon Native Vascular Plants of Vermont**  
**Vermont Natural Heritage Inventory**  
**Vermont Fish & Wildlife Department**  
**09 August 2018**



The **Vermont Rare and Uncommon Native Vascular Plants List** is produced by the Vermont Fish & Wildlife Department's Natural Heritage Inventory with assistance from the Scientific Advisory Group on Flora of the VT Endangered Species Committee. The Vermont Natural Heritage Inventory is the state's official repository for records of rare, threatened, and endangered species. Information in the Natural Heritage Database is the result of work of botanists, natural resource professionals and interested amateurs.

This list is intended to inform naturalists, biologists, planners, developers and the general public about our rare native flora. It contains a listing of the rare and uncommon, native, vascular plants of Vermont. These species may be rare because they have very particular habitat requirements, are subject to habitat loss, are at the edge of their range, are vulnerable to disturbance or collection, or have difficulty reproducing for unknown reasons.

**Some taxa on this list are rare varieties of otherwise common or exotic species, and are noted as such. Unless noted, varieties/subspecies on this list can be assumed to be the only varieties/subspecies of the species in Vermont.**

Species with a state status of Threatened or Endangered (T or E) are protected by **Vermont's Endangered Species Law (10 V.S.A. Chap. 123)**. Those with a federal status of Threatened or Endangered (LT or LE) are protected by the **Federal Endangered Species Act (P.L. 93-205)**.

The state and global ranks are informational categories regarding the rarity and extirpation/extinction risk of the species. A brief explanation of legal status and informational ranks is attached to the end of the rare and uncommon plant list. Members of the Scientific Advisory Group for Flora review the state ranks periodically for changes. Global ranks are developed and reviewed by NatureServe (<http://www.natureserve.org>) and its international network of natural heritage programs and conservation data centers.

Flora Conservanda (FC) status is a designation of a taxon's rarity throughout New England. It is a collaborative effort among all New England Heritage Programs and coordinated by the New England Wild Flower Society. Flora Conservanda statuses were last reviewed and updated in 2012. See Appendix for explanation of ranks.

The Vermont Rare and Uncommon Native Vascular Plants List follows the taxonomy and nomenclature included in the following references:

- Gilman, Arthur V. (2015) *New Flora of Vermont*
- Gilman, Arthur V. (2017) *County Checklist of the Vascular Flora of Vermont*
- Haines, Arthur (2011) *Flora Novae Angliae*
- Haines, Arthur (2017) *Flora Checklist* (<http://www.arthurhaines.com/tracheophyte-checklist>)

If you locate a rare or uncommon species, the Vermont Natural Heritage Inventory would appreciate receiving information on it. A Rare Plant Reporting Form is found at the end of this list. Please obtain landowner permission before accessing private property.

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Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Acalypha gracilens</i>	Slender Copperleaf	S1	G5			
<i>Acer nigrum</i>	Black Maple	S3	G5			
<i>Acorus americanus</i>	American Sweet-flag	S3?	G5			
<i>Adiantum aleuticum</i>	Aleutian Maidenhair-fern	S1	G5?			Div. 2
<i>Adiantum viridimontanum</i>	Green Mountain Maidenhair-fern	S2	G3	T		Div. 1
<i>Agalinis paupercula</i>	Smooth Agalinis	SU	G5			
<i>Agastache nepetoides</i>	Yellow Giant Hyssop	S1	G5	T		Div. 2
<i>Agastache scrophulariifolia</i>	Purple Giant Hyssop	SH	G4	T		Div. 2
<i>Agrimonia parviflora</i>	Southern Agrimony	S1?	G5			Div. 2
<i>Agrimonia pubescens</i>	Hairy Agrimony	SH	G5			
<i>Agrostis mertensii</i> Synonym(s): <i>Agrostis borealis</i>	Boreal Bentgrass	S1	G5			
<i>Allium canadense</i> var. <i>canadense</i>	Wild Garlic	S1	G5T5	T		
<i>Allium schoenoprasum</i>	Siberian Chives	S1	G5			
<i>Allium tricoccum</i> var. <i>burdickii</i> <sup>1</sup> Synonym(s): <i>Allium burdickii</i>	Burdick's Wild Leek	SH	G4G5			Div. 4
<i>Alnus alnobetula</i> ssp. <i>crispa</i> Synonym(s): <i>Alnus viridis</i> ssp. <i>crispa</i>	Green Alder	S3	G5T5			
<i>Alopecurus aequalis</i>	Short-awn Foxtail	S3	G5			
<i>Amaranthus tuberculatus</i>	Water Hemp	S2	G4G5			Div. 2
<i>Amelanchier canadensis</i>	Canada Shadbush	SH	G5			
<i>Amerorchis rotundifolia</i>	Small Round-leaved Orchis	SH	G5			Div. 2
<i>Ammophila breviligulata</i> ssp. <sup>2</sup> <i>champlainensis</i> Synonym(s): <i>Ammophila champlainensis</i>	Champlain Beach Grass	S1	G2G3Q	E		Div. 1
<i>Anemone cylindrica</i>	Long-headed Thimbleweed	S1S2	G5			
<i>Anemone multifida</i> var. <i>multifida</i>	Early Thimbleweed	S1	G5T5	E		Div. 2
<i>Anthoxanthum monticola</i> ssp. <i>monticola</i> Synonym(s): <i>Hierochloe alpina</i> ssp. <i>orthantha</i>	Alpine Sweet-grass	S1	G5T3T5	T		Div. 2

1 Regionally rare variety of an otherwise common native species.

2 Globally rare subspecies of an otherwise introduced (to Vermont) species.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Anticlea glauca</i> Synonym(s): <i>Zigadenus elegans ssp. glaucus</i> , <i>Anticlea elegans ssp. glauca</i> , <i>Anticlea elegans ssp. glaucus</i>	White Camas	S1	G5T4T5	E		Div. 2
<i>Aplectrum hyemale</i>	Putty-root	SH	G5	T		Div. 2
<i>Arabidopsis lyrata</i> Synonym(s): <i>Arabis lyrata</i>	Lyre-leaved Rock-cress	S2	G5	T		
<i>Arceuthobium pusillum</i>	Dwarf Mistletoe	S2	G5			
<i>Arethusa bulbosa</i>	Arethusa	S1	G5	T		Div. 3a
<i>Arisaema dracontium</i>	Green Dragon	S2	G5	T		
<i>Aristida dichotoma var. dichotoma</i>	Churchmouse Threawn	S1?	G5T5?			
<i>Aristida longespica var. geniculata</i>	Spiked Grass	S1?	G5T5?			
<i>Arnica lanceolata ssp. lanceolata</i> Synonym(s): <i>Arnica mollis var. petiolaris</i>	New England Arnica	SX	G5T3T4			Div. 1
<i>Artemisia campestris ssp. canadensis</i>	Boreal Wormwood	S1	G5TNR			Div. 2
<i>Artemisia campestris ssp. caudata</i>	Beach Wormwood	S1	G5T5			Div. 3b
<i>Asclepias amplexicaulis</i>	Blunt-leaved Milkweed	S1	G5	T		
<i>Asclepias exaltata</i>	Poke Milkweed	S3	G5			
<i>Asclepias tuberosa ssp. tuberosa</i>	Butterfly-weed	SH	G5?T5?	T		
<i>Asclepias verticillata</i>	Whorled Milkweed	S1	G5	E		
<i>Asplenium montanum</i>	Mountain Spleenwort	S1	G5	T		Div. 2
<i>Asplenium viride</i> Synonym(s): <i>Asplenium trichomanes-ramosum</i>	Green Spleenwort	S1	G4	T		Div. 2
<i>Astragalus alpinus var. brunetianus</i>	Alpine Milk-vetch	SH	G5T3			Div. 1
<i>Astragalus canadensis var. canadensis</i>	Canada Milk-vetch	S2	G5T5	T		Div. 2
<i>Astragalus robbinsii var. jesupii</i>	Jesup's Milk-vetch	S1	G5T1	E	LE	Div. 1
<i>Astragalus robbinsii var. minor</i>	Blake's Milk-vetch	S2	G5T5			Div. 2
<i>Astragalus robbinsii var. robbinsii</i>	Robbins' Milk-vetch	SX	G5TX			Div. 4
<i>Aureolaria flava var. flava</i>	Smooth False-foxglove	S2	G5T5			
<i>Aureolaria pedicularia</i>	Feverweed	S1	G5			
<i>Aureolaria virginica</i>	Downy False-foxglove	S1	G5			
<i>Baptisia tinctoria</i>	Yellow Wild-indigo	SH	G5			
<i>Bartonia virginica</i>	Yellow Bartonia	S2	G5			
<i>Betula minor</i>	Dwarf Birch	S1	G4G5Q	E		Div. 2

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Betula x raymundii</i> <sup>3</sup>	Raymund's birch	SNA	GNA			
<i>Betula x sandbergii</i> <sup>3</sup>	Sandberg's Birch	SNA	GNA			
<i>Bidens discoidea</i>	Small Beggar-ticks	S2	G5			
<i>Bidens tripartita ssp. comosa</i>	Tufted Beggar-ticks	SU	G5T5			
<i>Bistorta vivipara</i> Synonym(s): <i>Polygonum viviparum</i>	Alpine Smartweed	SX	G5			Div. 2
<i>Blephilia ciliata</i>	Downy Wood-mint	SH	G5			Div. 2
<i>Blephilia hirsuta var. glabrata</i>	Smooth Wood-mint	SH	G5?THQ	T		Div. 4
<i>Blephilia hirsuta var. hirsuta</i>	Hairy Wood-mint	S2	G5?T5?	T		Div. 2
<i>Blitum capitatum ssp. capitatum</i> Synonym(s): <i>Chenopodium capitatum var. capitatum</i>	Strawberry Blite	S1	G5T5			
<i>Boechera grahamii</i> <sup>4</sup>	Graham's Rockcress	S2S3	G5			
<i>Boechera stricta</i> Synonym(s): <i>Arabis drummondii</i>	Drummond's Rock-cress	S1S2	G5	E		
<i>Borodinia missouriensis</i> Synonym(s): <i>Arabis missouriensis, Boechera missouriensis</i>	Green Rock-cress	S1	G5			Div. 2a
<i>Botrychium ascendens</i>	Upswept Moonwort	S1	G3			Div. 1
<i>Botrychium campestre</i>	Prairie Moonwort	S1	G3G4			Div. 1
<i>Botrychium lunaria</i> <sup>5</sup>	Common Moonwort	SH	G5			Div. 2
<i>Botrychium minganense</i>	Mingan Moonwort	SH	G4G5	E		Div. 4
<i>Botrychium multifidum</i> Synonym(s): <i>Sceptridium multifidum</i>	Leathery Grapefern	S3	G5			
<i>Botrychium oneidense</i> Synonym(s): <i>Sceptridium oneidense</i>	Blunt-lobed Grapefern	S1	G4			Div. 2
<i>Botrychium rugulosum</i> Synonym(s): <i>Sceptridium rugulosum</i>	Rugulose Grapefern	S1	G3			Div. 1
<i>Botrychium simplex</i>	Least Moonwort	S2S3	G5			
<i>Botrychium spathulatum</i>	Spatulate Moonwort	S1	G3			
<i>Botrychium tenebrosum</i> Synonym(s): <i>Botrychium simplex var. tenebrosum</i>	Shade Moonwort	S1	G5T4?			Div. IND
<i>Brachyelytrum erectum</i> (Schreb) Beauv <sup>6</sup>	Shorthusk	S2S3	G5			
<i>Braya humilis ssp. humilis</i>	Northern Rock-cress	S1	G5T5	T		Div. 2
<i>Bromus kalmii</i>	Wild Chess	S2	G5			

3 One parent, *Betula pumila*, is not known from Vermont but would be considered rare if found.

4 Vermont plants formerly attributed to *Arabis divaricarpa*.

5 Based on a single historical specimen; now believed to be newly defined *B. neolunaria* or *B. onondagense*.

6 Excluding *Brachyelytrum aristosum* Michx. Trel. in Branner & Coville.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Calamagrostis canadensis</i> var. <sup>7</sup> <i>langsдорffii</i>	Langsdorf's Bluejoint	S1	G5T5			Div. 2
<i>Calamagrostis canadensis</i> var. <sup>7</sup> <i>macouniana</i>	Short-flower Bluejoint	SH	G5T5?			Div. IND
<i>Calamagrostis pickeringii</i>	Pickering's Reed-grass	S1	G5	E		
<i>Calamagrostis stricta</i> ssp. <i>inexpansa</i>	Bentgrass	S1	G5T5	E		Div. 2a
<i>Calamagrostis stricta</i> ssp. <i>stricta</i> <sup>8</sup>	Northern Reedgrass	SNA	G5T5			Div. 2
<i>Callitriche hermaphroditica</i>	Northern Water-starwort	SH	G5			Div. 4
<i>Callitriche heterophylla</i> var. <i>heterophylla</i> Synonym(s): <i>Callitriche heterophylla</i> ssp. <i>heterophylla</i>	Large Water-starwort	S2	G5T5			
<i>Calopogon tuberosus</i> var. <i>tuberosus</i>	Tuberous Grass-pink	S3	G5T5			
<i>Calypso bulbosa</i> var. <i>americana</i> Synonym(s): <i>Calypso bulbosa</i> ssp. <i>americana</i>	Fairy Slipper	S1	G5T5	T		Div. 3a
<i>Calystegia silvatica</i> ssp. <i>fraterniflora</i> Synonym(s): <i>Calystegia sepium</i> var. <i>fraterniflora</i>	Twin-flower Hedge Bindweed	S2	G5T5			Div. 2
<i>Calystegia spithamea</i> ssp. <i>spithamea</i>	Low Bindweed	S2	G4G5T4T5	T		Div. 2a
<i>Cardamine bulbosa</i>	Spring Cress	S1	G5			
<i>Cardamine concatenata</i>	Cutleaf Toothwort	S3	G5			
<i>Cardamine dentata</i> Synonym(s): <i>Cardamine pratensis</i> var. <i>palustris</i>	Cuckoo Flower	S1	G5			Div. 2
<i>Cardamine maxima</i>	Large Toothwort	S2S3	G5			
<i>Cardamine parviflora</i>	Small-flower bittercress	S2	G5			
<i>Carex aestivalis</i>	Summer Sedge	S3	G4			
<i>Carex albicans</i> var. <i>albicans</i>	Whitetinge Sedge	SH	G5T5			
<i>Carex albicans</i> var. <i>emmonsii</i> Synonym(s): <i>Carex emmonsii</i>	Emmon's Sedge	S1	G5T5			
<i>Carex alopecoidea</i>	Foxtail Sedge	S1	G5			Div. 2
<i>Carex aquatilis</i> ssp. <i>altior</i>	Water Sedge	S2S3	G5TU			
<i>Carex arcta</i>	Contracted Sedge	S1	G5	E		
<i>Carex argyrantha</i>	Hay Sedge	S2S3	G5			
<i>Carex atherodes</i>	Awed Sedge	S1	G5			Div. 2

<sup>7</sup> Regionally rare varieties of an otherwise common native species.

<sup>8</sup> Based on one historical specimen questionably collected in Vermont.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Carex atlantica</i> var. <i>atlantica</i>	Atlantic Sedge	S1	G5T5			
<i>Carex atlantica</i> var. <i>capillacea</i> Synonym(s): <i>Carex atlantica</i> ssp. <i>capillacea</i>	Howe's Sedge	S1	G5T5?			
<i>Carex atratiformis</i>	Blackish Sedge	S1	G5	T		Div. 2
<i>Carex backii</i>	Back's Sedge	S3	G5			
<i>Carex bicknellii</i>	Bicknell's Sedge	SH	G5			Div. 2
<i>Carex bigelowii</i> ssp. <i>bigelowii</i>	Bigelow's Sedge	S1	G5TNR			Div. 3b
<i>Carex brevior</i>	Fescue Sedge	S3	G5			
<i>Carex bushii</i>	Bush's Sedge	S1	G4			Div. 2a
<i>Carex buxbaumii</i>	Buxbaum's Sedge	S1	G5	E		
<i>Carex capillaris</i> ssp. <i>capillaris</i>	Capillary Sedge	S1	G5T5	T		Div. 2
<i>Carex chordorrhiza</i>	Creeping Sedge	S1	G5	E		Div. 3b
<i>Carex cryptolepis</i>	Northeastern Sedge	S2S3	G4G5			
<i>Carex cumulata</i>	Clustered Sedge	S1	G4?			
<i>Carex davisii</i>	Davis' Sedge	S1	G4			Div. 2
<i>Carex echinodes</i> Synonym(s): <i>Carex tenera</i> var. <i>echinodes</i>	Urchin Sedge	S1	G5TNR			
<i>Carex exilis</i>	Bog Sedge	S2	G5			
<i>Carex foenea</i> <sup>9</sup>	Bronze Sedge	S2	G5	E		
<i>Carex formosa</i>	Handsome Sedge	S3	G4			
<i>Carex garberi</i>	Garber's Sedge	S1	G5	T		Div. 2
<i>Carex glaucoidea</i>	Flaccid Sedge	SH	G5T5			Div. 2
<i>Carex gracilescens</i>	Slender Sedge	S1	G5?			Div. 2
<i>Carex grayi</i>	Gray's Sedge	S3	G4G5			
<i>Carex hitchcockiana</i>	Hitchcock's Sedge	S3	G5			
<i>Carex houghtoniana</i>	Houghton's Sedge	SH	G5			
<i>Carex laevivaginata</i>	Smooth Sedge	S3	G5			
<i>Carex laxiculmis</i> var. <i>laxiculmis</i>	Loose Sedge	S3	G5T5			
<i>Carex lenticularis</i>	Shore Sedge	S2S3	G5			
<i>Carex livida</i>	Pale Sedge	S1	G5	T		Div. 2
<i>Carex longii</i>	Greenish-white Sedge	SH	G5			
<i>Carex lupuliformis</i>	False Hop Sedge	S2	G4			

<sup>9</sup> *Carex siccata* is the currently accepted name for what was called *Carex foenea* in older manuals. *Carex foenea* is the currently accepted name for what was called *Carex aenea* in older manuals.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Carex merritt-fernaldii</i>	Fernald's Sedge	S1	G5			
<i>Carex michauxiana</i>	Michaux Sedge	S2	G5			
<i>Carex molesta</i>	Troublesome Sedge	S1	G4			Div. 2
<i>Carex muehlenbergii</i> var. <i>enervis</i>	Nerveless Muehlenberg Sedge	S1	G5T5	T		Div. 3b
<i>Carex muehlenbergii</i> var. <i>muehlenbergii</i>	Muehlenberg's Sedge	S2	G5T5	T		
<i>Carex nigra</i>	Black Sedge	SH	G5			
<i>Carex oligocarpa</i>	Few-fruited Sedge	S1	G4G5	E		Div. 2
<i>Carex oligosperma</i>	Few-seeded Sedge	S2S3	G5			
<i>Carex pseudocyperus</i>	False Cyperus Sedge	S3	G5			
<i>Carex richardsonii</i>	Richardson's Sedge	S1	G5	E		Div. 2
<i>Carex rostrata</i>	Beaked Sedge	S1?	G5			Div. 2
<i>Carex schweinitzii</i>	Schweinitz's Sedge	S2	G3G4			Div. 1
<i>Carex scirpoidea</i> ssp. <i>scirpoidea</i>	Scirpus-like Sedge	S2	G5T5			Div. 2a
<sup>10</sup> <i>Carex siccata</i>	Hay Sedge	S1	G5	E		
<i>Carex sterilis</i>	Dioecious Sedge	S1	G4G5			Div. 3b
<i>Carex tenuiflora</i>	Thin-flowered Sedge	S1	G5			Div. 2
<i>Carex tincta</i>	Tinged Sedge	SU	G4G5			
<i>Carex trichocarpa</i>	Hairy Sedge	S3	G4			
<i>Carex typhina</i>	Cat-tail Sedge	S2S3	G5			
<sup>11</sup> <i>Carex umbellata</i> Schkuhr ex Willd Synonym(s): <i>Carex abdita</i>	Hidden Sedge	SU	G5			
<i>Carex vaginata</i>	Sheathed Sedge	S1	G5	E		Div. 3b
<i>Carex wiegandii</i>	Wiegand's Sedge	S1	G4			
<i>Carex willdenowii</i>	Willdenow's Sedge	SH	G5			Div. 2
<i>Carya glabra</i>	Pignut Hickory	S2	G5			
<i>Castilleja septentrionalis</i>	Pale Painted-cup	S1	G5	T		Div. 2a
<i>Ceanothus herbaceus</i> Synonym(s): <i>Ceanothus ovatus</i>	Prairie Redroot	S1	G5	E		Div. 2
<i>Celastrus scandens</i>	American Bittersweet	S3	G5			Div. IND
<i>Cerastium nutans</i> ssp. <i>nutans</i> Synonym(s): <i>Cerastium nutans</i> var. <i>nutans</i>	Nodding Chickweed	S1	G5T5			Div. 2

<sup>10</sup> *Carex siccata* is the currently accepted name for what was called *Carex foenea* in older manuals. *Carex foenea* is the currently accepted name for what was called *Carex aenea* in older manuals.

<sup>11</sup> Not including *Carex tonsa* (Fern.) Bickn.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Ceratophyllum echinatum</i>	Prickly Hornwort	S2S3	G4			
<i>Chamaecrista nictitans</i> var. <i>nictitans</i> Synonym(s): <i>Cassia nictitans</i>	Wild Sensitive Plant	S2	G5T5			
<i>Chenopodium berlandieri</i> var. <sup>12</sup> <i>bushmanum</i>	Bush's Goosefoot	S1	G5T4T5			Div. 2
<i>Chenopodium berlandieri</i> var. <sup>12</sup> <i>macrocalycium</i>	Coastal Pit-seeded Goosefoot	SU	G5T4			
<i>Chenopodium foggii</i>	Fogg's Goosefoot	S1	G2G3			Div. 1
<i>Chimaphila maculata</i>	Spotted Wintergreen	S3	G5			
<i>Cirsium discolor</i>	Field Thistle	S2	G5			
<i>Cladium mariscoides</i>	Bog-rush	S2S3	G5			
<i>Claytonia virginica</i>	Virginia Spring Beauty	S2	G5			Div. 2
<i>Clematis occidentalis</i> ssp. <i>occidentalis</i> Synonym(s): <i>Clematis verticillaris</i> , <i>Clematis occidentalis</i> var. <i>occidentalis</i>	Purple Clematis	S3	G5T5			
<i>Coeloglossum viride</i> Synonym(s): <i>Dactylorhiza viridis</i>	Long-bract Green Orchis	S3	G5			
<i>Coleataenia rigidula</i> ssp. <i>rigidula</i> <sup>13</sup> Synonym(s): <i>Sorengia longifolia</i> ssp. <i>rigidula</i>	Redtop Panic-grass	S2S3	G5?TNR			
<i>Collinsia parviflora</i>	Small-flowered Collinsia	SH	G5			Div. 4
<i>Collinsonia canadensis</i>	Canada Horse-balm	S2	G5			
<i>Conopholis americana</i>	Oak-drops	S3	G5			
<i>Corallorhiza odontorhiza</i> var. <i>odontorhiza</i>	Autumn Coral-root	S2	G5T5	T		
<i>Cornus florida</i> Synonym(s): <i>Benthamidia florida</i>	Flowering Dogwood	S1	G5	T		
<i>Corydalis aurea</i>	Golden Corydalis	S2	G5	T		Div. 2
<i>Corylus americana</i>	American Hazelnut	S2S3	G5			
<i>Crassula aquatica</i> Synonym(s): <i>Tillaea aquatica</i>	Pygmyweed	S1	G5			
<i>Crataegus biltmoreana</i>	Biltmore Hawthorn	S1	G5			
<i>Crataegus boyntonii</i>	Stinking Hawthorn	SH	GNR			Div. 4
<i>Crataegus brainerdii</i>	Brainerd's Hawthorn	SU	G5			Div. 2
<i>Crataegus chrysocarpa</i> var. <i>chrysocarpa</i>	Fireberry Hawthorn	S3?	G5TNR			

12 *Chenopodium berlandieri* var. *bushmanum* is rare native variety. *Chenopodium berlandieri* var. *macrocalycium* is rare and unresolved. *Chenopodium berlandieri* var. *zschackei* is a rare exotic variety.

13 *Coleataenia rigidula* (Bosc ex Nees) LeBlond in Gilman (2015). *Sorengia longifolia* ssp. *rigidula* in Haines (2011). Once included in *Panicum agrostoides*.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Crataegus chrysocarpa</i> var. <i>praecox</i>	Precocious Hawthorn	SH	G4G5Q			Div. 4
<i>Crataegus coccinioides</i>	Kansas Hawthorn	SH	G4?Q			
<i>Crataegus dissona</i>	Northern Hawthorn	SH	G4G5			
<i>Crataegus dodgei</i>	Dodge's Hawthorn	S1	G4			Div. 4
<i>Crataegus faxonii</i> Synonym(s): <i>Crataegus chrysocarpa</i> var. <i>faxonii</i>	Faxon's Hawthorn	SU	G5			Div. 2
<i>Crataegus flavida</i>	Yellow Hawthorn	SH	GNR			
<i>Crataegus fluviatilis</i>	River Hawthorn	SU	G3G4Q			
<i>Crataegus ideae</i>	Concord Hawthorn	SH	G3G4Q			
<i>Crataegus intricata</i>	Intricate Hawthorn	SH	GNR			
<i>Crataegus irrasa</i> var. <i>blanchardii</i> Synonym(s): <i>Crataegus chrysocarpa</i> var. <i>blanchardii</i>	Blanchard's Hawthorn	SU	G4?TNR			Div. 2
<i>Crataegus irrasa</i> var. <i>irrasa</i>	Zigzag Hawthorn	S1	GNR			
<i>Crataegus jesupii</i>	Jesup's Hawthorn	SH	G4G5			
<sup>14</sup> <i>Crataegus kennedyi</i> Synonym(s): <i>Crataegus x kennedyi</i>	Kennedy's Hawthorn	SH	GNA			Div. 4
<i>Crataegus lucorum</i>	Grove Hawthorn	SU	G4?			Div. 2
<sup>15</sup> <i>Crataegus macracantha</i> var. <i>occidentalis</i>	Western Long-spine Hawthorn	SU	G5TNR			
<i>Crataegus oakesiana</i>	Oakes' Hawthorn	S1S2	GNR			Div. 2
<i>Crataegus populnea</i>	Poplar Hawthorn	S1	GNRQ			Div. 2
<i>Crataegus scabrída</i> var. <i>asperifolia</i> Synonym(s): <i>Crataegus asperifolia</i>	Rough-leaf Hawthorn	SH	G5?TNR			Div. IND
<i>Crataegus scabrída</i> var. <i>cyclophylla</i> Synonym(s): <i>Crataegus cyclophylla</i>	Round-leaf Hawthorn	SH	G5?TNR			Div. IND
<i>Crataegus scabrída</i> var. <i>egglestonii</i> Synonym(s): <i>Crataegus egglestonii</i>	Eggleston's Hawthorn	SH	G5?TNR			Div. IND
<i>Crataegus scabrída</i> var. <i>scabrída</i>	Harsh Hawthorn	SU	G5?TNR			Div. IND
<i>Crataegus succulenta</i> var. <i>pisifera</i> Synonym(s): <i>Crataegus pisifera</i>	Pea Hawthorn	SH	G5TNR			Div. 4
<i>Crataegus succulenta</i> var. <i>succulenta</i>	Fleshy Hawthorn	S1	G5T5			Div. 2
<i>Crepidomanes intricatum</i> Synonym(s): <i>Trichomanes intricatum</i>	Weft Fern	S1	G4G5			Div. 2

14 In Gilman (2015) as *Crataegus brainerdii* x *pruinosa*.

15 Regionally rare variety of an otherwise common native species.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Crocianthemum bicknellii</i> Synonym(s): <i>Helianthemum bicknellii</i>	Plains Frostweed	S2	G5	T		
<i>Crocianthemum canadense</i> Synonym(s): <i>Helianthemum canadense</i>	Canada Frostweed	S2S3	G5			
<i>Crotalaria sagittalis</i>	Rattlebox	S1	G5	T		
<i>Cryptogramma stelleri</i>	Fragile Rockbrake	S3	G5			Div. 2
<i>Cuscuta cephalanthi</i>	Buttonbush Dodder	S1	G5			
<i>Cuscuta gronovii</i> var. <i>latiflora</i> <sup>16</sup>	Broad-flower Dodder	SU	G5T5?Q			Div. IND
<i>Cynoglossum virginianum</i> var. <i>boreale</i> Synonym(s): <i>Cynoglossum boreale</i> , <i>Cynoglossum virginianum</i> ssp. <i>boreale</i> , <i>Andersonglossum boreale</i>	Northern Wild Comfrey	S1	G5T4T5	T		Div. 2
<i>Cyperus diandrus</i>	Low Flatsedge	S1	G5	E		
<i>Cyperus engelmannii</i> <sup>17</sup>	Engelmann's Flatsedge	S1	G4Q			Div. IND
<i>Cyperus erythrorhizos</i>	Red-root Flatsedge	S2S3	G5			
<i>Cyperus houghtonii</i>	Houghton's Flatsedge	S2	G4?	T		Div. 2a
<i>Cyperus odoratus</i> <sup>17</sup>	Rusty Flatsedge	SU	GNR			Div. IND
<i>Cyperus squarrosus</i> Synonym(s): <i>Cyperus aristatus</i>	Awed Flatsedge	S3	G5			
<i>Cypripedium arietinum</i>	Ram's Head Lady's-slipper	S2	G3	T		Div. 1
<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Makasin's Yellow Lady's-slipper	S2S3	G5T4T5			Div. 2
<i>Cypripedium parviflorum</i> var. <i>pubescens</i> Synonym(s): <i>Cypripedium calceolus</i> var. <i>pubescens</i> , <i>Cypripedium pubescens</i>	Large Yellow Lady's-slipper	S3	G5T5			
<i>Cypripedium reginae</i>	Showy Lady's-slipper	S3	G4G5			
<i>Cystopteris laurentiana</i>	Laurentian Bladder Fern	S1	G3			Div. 1
<i>Descurainia pinnata</i> var. <i>brachycarpa</i>	Tansy Mustard	S1	G5T5			Div. 2
<i>Desmodium cuspidatum</i>	Large-bracted Tick-trefoil	S1	G5	E		Div. 2
<i>Desmodium paniculatum</i>	Panicled Tick-trefoil	S3	G5			
<i>Desmodium perplexum</i>	Perplexed Tick-trefoil	S2	G5			
<i>Desmodium rotundifolium</i>	Prostrate Tick-trefoil	S1	G5	T		
<i>Diapensia lapponica</i> ssp. <i>lapponica</i>	Diapensia	S1	G4G5	E		Div. 3b

16 Regionally rare variety of an otherwise common native species.

17 *Cyperus engelmannii* was recently split from *C. odoratus*, and it appears that both species are present in Vermont.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Dichanthelium columbianum</i> Synonym(s): <i>Panicum columbianum</i> , <i>Dichanthelium acuminatum ssp. columbianum</i>	Columbian Rosette-grass	S3	G5T5			
<i>Dichanthelium dichotomum var. dichotomum</i> Synonym(s): <i>Panicum dichotomum var. dichotomum</i> , <i>Dichanthelium dichotomum ssp. dichotomum</i>	Cypress Witchgrass	S3	G5T5			
<i>Dichanthelium oligosanthes ssp. scribnerianum</i> Synonym(s): <i>Dichanthelium oligosanthes var. scribnerianum</i>	Few-flowered Panic-grass	S2	G5T5			
<i>Dichanthelium sphaerocarpon</i> Synonym(s): <i>Panicum sphaerocarpon</i>	Spherical Panic-grass	S1	G5			
<i>Dichanthelium xanthophysum</i> Synonym(s): <i>Panicum xanthophysum</i>	Yellow Panic-grass	S3	G5			
<i>Diphasiastrum complanatum</i> Synonym(s): <i>Lycopodium complanatum</i>	Northern Ground-cedar	S1S2	G5			
<i>Diphasiastrum sabinifolium</i> Synonym(s): <i>Lycopodium sabinifolium</i> , <i>Diphasiastrum x sabinifolium</i>	Ground-fir	S2	G4			
<i>Draba arabisans</i>	Rock Draba	S2S3	G4			Div. 2a
<i>Draba cana</i> Synonym(s): <i>Draba lanceolata</i> , <i>Draba breweri var. cana</i>	Hoary Draba	S1	G5	T		Div. 2
<i>Draba glabella</i>	Smooth Draba	S1	G5	T		Div. 2
<i>Dracocephalum parviflorum</i>	American Dragonhead	SH	G5	T		Div. 4
<i>Drymocallis arguta</i> Synonym(s): <i>Potentilla arguta</i>	Tall Cinquefoil	S3	G5T5			
<i>Dryopteris filix-mas ssp. brittonii</i>	Male Fern	S2	G5T4?	T		Div. 2
<i>Dryopteris fragrans</i>	Fragrant Fern	S2	G5			
<i>Elatine americana</i> Synonym(s): <i>Elatine triandra var. americana</i>	American Waterwort	SH	G4			Div. 2
<i>Elatine minima</i>	Small Waterwort	S1	G5			
<i>Eleocharis aestuum</i>	Tidal Spikerush	S1	G3			Div. 1
<i>Eleocharis compressa var. compressa</i>	Flat-stem Spikerush	SH	G4			Div. 4
<i>Eleocharis diandra</i>	Wright's Spikerush	S2	G2			Div. 1
<i>Eleocharis flavescens var. olivacea</i> Synonym(s): <i>Eleocharis olivacea</i>	Olive Spikerush	S1	G5			
<i>Eleocharis intermedia</i>	Matted Spikerush	S3	G5			
<i>Eleocharis nitida</i>	Slender Spikerush	SH	G4			Div. 2

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Eleocharis ovata</i>	Ovate Spikerush	S3	G5			Div. IND
<i>Eleocharis quinqueflora</i> Synonym(s): <i>Eleocharis pauciflora</i>	Few-flowered Spikerush	S2	G5	T		
<i>Eleocharis robbinsii</i>	Robbins Spikerush	S1	G4G5			
<i>Elodea nuttallii</i>	Nuttall Waterweed	S3	G5			
<i>Elymus macgregorii</i>	MacGregor's Wild Rye	SH	GNR			Div. 2
<i>Elymus trachycaulus</i> Synonym(s): <i>Agropyron trachycaulum</i>	Slender Wheatgrass	S3	G5			
<i>Elymus villosus</i> var. <i>arkansanus</i>	Southern Wild-rye	SH	G5TNR			Div. IND
<i>Elymus villosus</i> var. <i>villosus</i>	Hairy Wild-rye	S1	G5TNR			Div. IND
<i>Elymus wiegandii</i>	Wild-rye	S3	G4G5			
<i>Empetrum atropurpureum</i> Synonym(s): <i>Empetrum eamesii</i> ssp. <i>atropurpureum</i>	Purple Crowberry	SX	G5T5			
<i>Empetrum nigrum</i>	Black Crowberry	S1	G5			Div. 3b
<i>Epilobium palustre</i>	Marsh Willow-herb	S1S2	G5			
<i>Equisetum palustre</i>	Marsh Horsetail	S2S3	G5	T		
<i>Equisetum pratense</i>	Meadow Horsetail	S3	G5			
<i>Eragrostis capillaris</i>	Lace Love-grass	S2?	G5			
<i>Eragrostis frankii</i>	Frank's Love-grass	S3	G5			
<i>Eragrostis hypnoides</i>	Creeping Love-grass	S2S3	G5			
<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane	S2	G5			Div. 2
<sup>18</sup> <i>Erigeron philadelphicus</i> var. <i>provancheri</i>	Provancher's Dwarf Fleabane	S1	G5T3Q			Div. 1
<sup>19</sup> <i>Eriophorum angustifolium</i> ssp. <i>angustifolium</i>	Tall Cotton-grass	SNA	G5T5			
<i>Eriophorum gracile</i>	Slender Cotton-grass	S1	G5			
<i>Eriophorum tenellum</i>	Rough Cotton-grass	S1S2	G5			
<i>Erythranthe moschata</i> Synonym(s): <i>Mimulus moschatus</i>	Musk Flower	S3	G5			Div. 2
<i>Eupatorium sessilifolium</i>	Sessile-leaved Boneset	S1	G5	E		
<i>Euphorbia glyptosperma</i>	Rib-seed Spurge	S3?	G5			Div. IND
<i>Euphorbia nutans</i> Synonym(s): <i>Chamaesyce nutans</i>	Nodding Spurge	S1?	G5			Div. IND

18 Regionally rare variety of an otherwise common native species.

19 Based on a single historical specimen not certainly collected in Vermont.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Eurybia radula</i> Synonym(s): <i>Aster radula</i>	Rough-leaved Aster	S2	G5			
<i>Eutrochium fistulosum</i> Synonym(s): <i>Eupatorium fistulosum</i>	Hollow Joe-pye Weed	SU	G5?			
<i>Eutrochium purpureum</i> var. <i>purpureum</i> Synonym(s): <i>Eupatorium purpureum</i> var. <i>purpureum</i>	Sweet Joe-pye Weed	S2S3	G5T5?			
<i>Festuca brachyphylla</i> ssp. <i>brachyphylla</i>	Shortleaf Fescue	S1	G5T5			Div. 2
<i>Festuca rubra</i> ssp. <i>pruinosa</i> <sup>20</sup>	Coastal Red Fescue	SH	G5TNR			
<i>Festuca rubra</i> ssp. <i>vallicola</i> <sup>20</sup>	Montane Red Fescue	SH	G5TNR			
<i>Fimbristylis autumnalis</i>	Autumn Fimbristylis	S1?	G5	E		
<i>Floerkea proserpinacoides</i>	False Mermaid-weed	SH	G5			Div. 2
<i>Galium boreale</i> ssp. <i>septentrionale</i>	Northern Bedstraw	S3	G5TNR			
<i>Galium brevipes</i>	Limestone Swamp Bedstraw	SH	G4?			Div. 4
<i>Galium kamtschaticum</i>	Boreal Bedstraw	S3	G5			
<i>Galium labradoricum</i>	Bog Bedstraw	S1	G5	T		Div. 3b
<i>Galium obtusum</i> ssp. <i>obtusum</i>	Large Marsh Bedstraw	S2S3	G5T4			
<i>Galium pilosum</i> var. <i>pilosum</i>	Hairy Bedstraw	S1	G5T5?			
<i>Galium trifidum</i> ssp. <i>trifidum</i>	Small Bedstraw	S3	G5T5			
<i>Gentiana andrewsii</i>	Fringe-top Closed Gentian	S2	G5?	T		Div. 2
<i>Gentianella amarella</i> ssp. <i>acuta</i>	Felwort	SH	G5T5	T		Div. 2
<i>Gentianella quinquefolia</i>	Stiff Gentian	S1	G5	T		
<i>Gentianopsis crinita</i>	Fringed Gentian	S3	G5			
<i>Geocaulon lividum</i>	Northern Toadflax	SX	G5			
<i>Geranium bicknellii</i>	Bicknell Northern Crane's-bill	S3	G5			
<i>Geranium carolinianum</i>	Carolina Crane's-bill	SH	G5			
<i>Geum vernum</i>	Spring Avens	S1	G5			Div. 4
<i>Glyceria acutiflora</i>	Sharp Manna-grass	S1	G5	E		
<i>Glyceria septentrionalis</i>	Eastern Manna-grass	S2	G5			

20 Other subspecies are considered introduced in Vermont.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Goodyera oblongifolia</i>	Giant Rattlesnake-plantain	SH	G5			Div. 2
<i>Graphephorum melicoides</i> Synonym(s): <i>Trisetum melicoides</i>	Purple False Oats	SH	G4			
<i>Gymnocarpium jessoense</i> ssp. <sup>21</sup> <i>parvulum</i>	Northern Oak Fern	SNA	G5T4			Div. 4
<i>Hackelia deflexa</i> ssp. <i>americana</i>	Nodding Stickseed	S2	G5T5	T		Div. 2
<i>Halenia deflexa</i> ssp. <i>deflexa</i>	Spurred Gentian	S1	G5T5			
<i>Hedysarum alpinum</i> var. <i>americanum</i>	Alpine Sweet-broom	S1	G5T5?			
<i>Helenium autumnale</i>	Sneezeweed	S1	G5			
<i>Helianthus strumosus</i>	Harsh Sunflower	S2S3	G5	T		
<i>Heliopsis helianthoides</i> var. <sup>22</sup> <i>helianthoides</i>	Ox-eye	SH	G5T5			
<i>Hieracium umbellatum</i>	Umbellate Hawkweed	SU	G5			Div. 2
<i>Hieracium venosum</i>	Rattlesnake Hawkweed	S3	G5			
<i>Hippuris vulgaris</i>	Mare's-tail	S1	G5	E		
<i>Homalosorus pycnocarpus</i> Synonym(s): <i>Diplazium pycnocarpon</i>	Glade Fern	S3	G5			
<i>Houstonia longifolia</i>	Longleaf Bluet	S2	G5			
<i>Hudsonia ericoides</i>	Golden-heather	SH	G4			
<i>Hudsonia tomentosa</i> Synonym(s): <i>Hudsonia ericoides</i> ssp. <i>tomentosa</i>	Beach Heather	S1	G5	E		Div. 3b
<i>Huperzia appressa</i> Synonym(s): <i>Huperzia appalachiana</i>	Mountain Fir Clubmoss	S2	G5			Div. IND
<i>Huperzia selago</i>	Fir Clubmoss	S1	G5			Div. 2
<i>Hybanthus concolor</i>	Green Violet	S1	G5			Div. 2
<i>Hydrastis canadensis</i>	Golden-seal	S1	G3G4	E		Div. 2
<i>Hydrophyllum canadense</i>	Broad-leaved Waterleaf	S1	G5	T		Div. 2
<i>Hypericum ascyron</i>	Great St. John's-wort	S2	G4	T		
<i>Hypericum gentianoides</i>	Orange-grass St. John's-wort	S2	G5			
<i>Hypopitys lanuginosa</i>	Red Pine-sap	SU	GNR			Div. IND
<i>Hypoxis hirsuta</i>	Star Grass	SH	G5			

21 Based on a single historical specimen not certainly collected in Vermont.

22 Rare native variety of an otherwise introduced (to Vermont) species.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Ilex laevigata</i>	Smooth Holly	S1	G5			
<i>Isoetes engelmannii</i>	Engelmann's Quillwort	S1	G4	T		
<i>Isoetes lacustris</i> Synonym(s): <i>Isoetes macrospora</i>	Lake Quillwort	S1	G5			
<i>Isoetes septentrionalis</i> <sup>23</sup>	River-bank Quillwort	S2	GNR			
<i>Isoetes tuckermanii</i>	Tuckerman's Quillwort	S1	G4G5			
<i>Isoetes viridimontana</i>	Green Mountain Quillwort	S1	G1	E		
<i>Isotria medeoloides</i>	Small Whorled Pogonia	SX	G2?	E	LT	Div. 1
<i>Isotria verticillata</i>	Large Whorled Pogonia	S2	G5	T		
<i>Juncus acuminatus</i>	Tapering Rush	S1	G5			
<i>Juncus alpinoarticulatus</i> Synonym(s): <i>Juncus alpinus</i>	Alpine Rush	S2	G5			
<i>Juncus anthelatus</i>	Greater Poverty Rush	S1?	G5TNR			
<i>Juncus brachycephalus</i>	Broad-head Rush	S3	G5			
<i>Juncus greenei</i>	Greene's Rush	S2	G5	E		
<i>Juncus marginatus</i>	Grass Rush	S3	G5			
<i>Juncus militaris</i>	Soldier Rush	S1	G4	E		
<i>Juncus secundus</i>	Secund Rush	S1	G5?	E		
<i>Juncus subcaudatus</i>	Woodland Rush	S1	G5			
<i>Juncus torreyi</i>	Torrey's Rush	S2	G5			Div. 2
<i>Juncus trifidus</i> Synonym(s): <i>Oreojuncus trifidus</i>	Highland Rush	S1S2	G5			Div. 3b
<i>Juncus vaseyi</i>	Vasey Rush	S1	G5			Div. 2
<i>Juniperus horizontalis</i>	Creeping Juniper	S1	G5	T		Div. 3b
<i>Justicia americana</i>	Common Water-willow	SX	G5			Div. 4
<i>Kalmia latifolia</i>	Mountain Laurel	S3	G5			
<i>Lactuca hirsuta</i>	Hairy Lettuce	S1S2	G5?	T		Div. IND
<i>Lathyrus japonicus var. maritimus</i> Synonym(s): <i>Lathyrus maritimus</i>	Beach Pea	S2	G5T5	T		
<i>Lathyrus ochroleucus</i>	Pale Vetchling	S1S2	G5			Div. 2
<i>Lathyrus palustris</i>	Marsh Vetchling	S2	G5	T		
<i>Lechea maritima var. maritima</i>	Beach Pinweed	S1	G5T5?			

23 Includes all of what Vermont formerly called *Isoetes riparia* (*var. canadensis*).

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Lechea minor</i>	Lesser Pinweed	SH	G5			Div. IND
<i>Lechea mucronata</i>	Hairy Pinweed	S1	G5	E		
<i>Lemna perpusilla</i>	Minute Duckweed	SH	G5			Div. IND
<i>Lemna turionifera</i>	Turion Duckweed	SH	G5			Div. IND
<i>Lespedeza capitata</i>	Round-head Bush-clover	S3	G5			
<i>Lespedeza frutescens</i> <sup>24</sup>	Violet Bush-clover	S1	G5	T		
<i>Lespedeza hirta</i> ssp. <i>hirta</i>	Hairy Bush-clover	S1	G5T5?	T		
<i>Lespedeza procumbens</i>	Trailing Bush-clover	S1	G5			
<i>Lespedeza stuevei</i>	Tall Bush-clover	SH	G4?			
<i>Lespedeza violacea</i> (L.) Pers. <sup>24</sup>	Violet Bush-clover	S2S3	G5			
<i>Leucophysalis grandiflora</i>	Large White-flowered Ground-cherry	SH	G4?			Div. 4
Synonym(s): <i>Physalis grandiflora</i>						
<i>Lilium philadelphicum</i>	Wood Lily	S3	G5			
<i>Linum medium</i>	Stiff Yellow Flax	S1	G5			Div. 2
<i>Linum striatum</i>	Ridged Yellow Flax	SU	G5			
<i>Linum sulcatum</i> var. <i>sulcatum</i>	Grooved Yellowflax	SH	G5T5			Div. 2
<i>Liparis liliifolia</i>	Lily-leaved Twayblade	S1	G5	T		Div. 2
<i>Liparis loeselii</i>	Loesel's Twayblade	S3	G5			
<i>Liriodendron tulipifera</i>	Tulip Tree	S1	G5	E		
<i>Littorella americana</i>	American Shore-grass	S2	G5			
<i>Lobelia siphilitica</i> var. <i>siphilitica</i>	Great Blue Lobelia	S1	G5T5			Div. 3b
<i>Lobelia spicata</i> var. <i>hirtella</i> <sup>25</sup>	Hairy Spike Lobelia	SH	G5T4T5			Div. IND
<i>Lonicera hirsuta</i>	Hairy Honeysuckle	S2	G5			Div. 2
<i>Lonicera oblongifolia</i>	Swamp Fly-honeysuckle	S2	G4G5			
<i>Lonicera villosa</i>	Mountain Fly-honeysuckle	S3	G5			
<i>Ludwigia polycarpa</i>	Many-fruited False-loosestrife	S1	G4	E		Div. 2
<i>Lupinus perennis</i> ssp. <i>perennis</i>	Wild Lupine	S1	G5T4?	E		Div. 3a
<i>Luzula parviflora</i>	Small-flowered Rush	S2S3	G5			
<i>Luzula spicata</i>	Spiked Wood-rush	S1	G5			Div. 2

24 *Lespedeza frutescens*, the currently accepted name, is synonymous with *Lespedeza violacea* of authors other than (L.) Pers. *Lespedeza violacea* (L.) Pers. was formerly known as *L.intermedia* (S. Watts) Britton.

25 Regionally rare variety of an otherwise common native species.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Lycopodiella appressa</i> Synonym(s): <i>Lycopodium appressum</i>	Slender Bog-clubmoss	SH	G5			
<i>Lycopus virginicus</i>	Virginia Bugleweed	S2	G5			
<i>Lygodium palmatum</i>	Climbing Fern	S1	G4	E		Div. 3(b)
<i>Lysimachia hybrida</i> Synonym(s): <i>Lysimachia lanceolata ssp. hybrida</i>	Lance-leaved Loosestrife	S1	G5			
<i>Lythrum alatum ssp. alatum</i> <sup>26</sup>	Winged-loosestrife	S1	G5T5			Div. 2
<i>Malaxis bayardii</i>	Bayard's Adder's-mouth	SNA	G1G2			Div. 1
<i>Malaxis monophyllos var. brachypoda</i> Synonym(s): <i>Malaxis monophyllos ssp. brachypoda</i> , <i>Malaxis brachypoda</i>	White Adder's-mouth	S2S3	G4G5Q	T		Div. 2a
<i>Malaxis unifolia</i>	Green Adder's-mouth	S2	G5			
<i>Minuartia groenlandica</i> Synonym(s): <i>Arenaria groenlandica</i> , <i>Mononeuria groenlandica</i>	Mountain Sandwort	S1	G5			Div. 3b
<i>Minuartia marcescens</i> Synonym(s): <i>Arenaria marcescens</i> , <i>Cherleria marcescens</i>	Marcescent Sandwort	S1	G3	T		Div. 1
<i>Minuartia rubella</i> Synonym(s): <i>Arenaria rubella</i> , <i>Sabulina rubella</i>	Marble Sandwort	S1	G5	T		Div. 2
<i>Moehringia macrophylla</i>	Large-leaved Sandwort	S2	G5			Div. 2
<i>Monarda punctata</i>	Dotted Horsemint	S1	G5			Div. 2
<i>Morus rubra</i>	Red Mulberry	S1	G5	T		Div. 2
<i>Muhlenbergia schreberi</i>	Schreber's Muhly	S2	G5			
<i>Muhlenbergia sobolifera</i>	Sprout Muhly	S2	G5			
<i>Muhlenbergia sylvatica</i>	Woodland Muhly	S1	G5			
<i>Muhlenbergia tenuiflora</i>	Slender Muhly	S3	G5			
<i>Muhlenbergia uniflora</i>	Fall Dropseed Muhly	S3	G5			
<i>Myosotis laxa</i>	Smaller Forget-me-not	S2	G5			
<i>Myosotis verna</i>	Spring Forget-me-not	S1S2	G5			
<i>Myriophyllum alterniflorum</i>	Water Milfoil	S2S3	G5			
<i>Myriophyllum farwellii</i>	Farwell's Water-milfoil	S2S3	G5			
<i>Myriophyllum humile</i>	Low Water-milfoil	S1S2	G5			
<i>Myriophyllum verticillatum</i>	Whorled Water-milfoil	S2S3	G5			
<i>Nabalus boottii</i> Synonym(s): <i>Prenanthes boottii</i>	Boott's Rattlesnake-root	S1	G2	E		Div. 1

26 Based on one historical specimen with questionable ID.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Nabalus racemosus</i>	Glaucous Rattlesnake-root	SU	G5			
<i>Nabalus trifoliolatus</i> Synonym(s): <i>Prenanthes trifoliolata</i>	Three-leaved Rattlesnake-root	S3	GNR			
<i>Najas gracillima</i>	Slender Naiad	S2	G5?			
<i>Najas guadalupensis</i> ssp. <i>guadalupensis</i>	Guadalupe Naiad	S2	G5T5			
<i>Neottia auriculata</i> Synonym(s): <i>Listera auriculata</i>	Auricled Twayblade	S1	G3G4	E		Div. 1
<i>Neottia bifolia</i> Synonym(s): <i>Listera australis</i>	Southern Twayblade	S1	G4	E		Div. 2
<i>Neottia convallarioides</i> Synonym(s): <i>Listera convallarioides</i>	Broadleaf Twayblade	S3?	G5			
<i>Neottia cordata</i> Synonym(s): <i>Listera cordata</i>	Heartleaf Twayblade	S3	G5			
<i>Nymphaea leibergii</i>	Dwarf Water-lily	S1	G5	E		Div. 2
<i>Nyssa sylvatica</i>	Black Gum or Tupelo	S3	G5			
<i>Oclemena nemoralis</i> Synonym(s): <i>Aster nemoralis</i>	Bog Aster	S2	G5			
<i>Oenothera nutans</i>	Nodding Evening-primrose	SH	G4			Div. 4
<i>Oenothera villosa</i> ssp. <i>villosa</i>	Hairy Evening-primrose	SU	G5T5?			
<i>Omalotheca sylvatica</i> Synonym(s): <i>Gnaphalium sylvaticum</i>	Woodland Cudweed	S2?	G4	E		
<i>Ophioglossum pusillum</i>	Northern Adder's-tongue	S1	G5			Div. 3a
<i>Osmorhiza berteroi</i> Synonym(s): <i>Osmorhiza chilensis</i>	Mountain Sweet-cicely	SH	G5			
<i>Osmorhiza depauperata</i>	Blunt-fruited Sweet-cicely	SH	G5			Div. 4
<sup>27</sup> <i>Oxalis violacea</i>	Violet Wood-sorrel	SNA	G5			Div. 2
<i>Panax quinquefolius</i>	American Ginseng	S3	G3G4			Div. 1
<i>Panicum flexile</i>	Stiff Witch-grass	S1	G5	E		Div. 2

27 Based on historical specimen and reports that were never fully verified.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Panicum philadelphicum</i> ssp. <i>philadelphicum</i> Synonym(s): <i>Panicum philadelphicum</i> var. <i>philadelphicum</i>	Philadelphia Panic-grass	S1	G5?			
<i>Panicum tuckermanii</i> Synonym(s): <i>Panicum philadelphicum</i> var. <i>tuckermanii</i>	Tuckerman's Panic-grass	S3	G3G5			
<i>Panicum virgatum</i>	Switch Grass	S3	G5			
<i>Parathelypteris simulata</i> Synonym(s): <i>Thelypteris simulata</i>	Massachusetts Fern	S2	G4G5			
<i>Paronychia canadensis</i>	Smooth Forked Chickweed	S1	G5			Div. 3b
<i>Paronychia fastigiata</i> var. <i>fastigiata</i>	Hairy Forked Chickweed	SU	G5T5			Div. 2
<i>Paspalum setaceum</i> var. <i>muhlenbergii</i> Synonym(s): <i>Paspalum ciliatifolium</i>	Slender Paspalum	S2S3	G5TNR			
<i>Pellaea atropurpurea</i>	Purple-stem Cliff-brake	S3	G5			
<i>Pellaea glabella</i> ssp. <i>glabella</i>	Smooth Cliff-brake	S3	G5T5			
<i>Peltandra virginica</i>	Arrowleaf	S2S3	G5			
<i>Penstemon hirsutus</i>	Hairy Beardtongue	S3	G4			
<i>Penstemon pallidus</i>	Pale Beardtongue	S1	G5			
<i>Persicaria careyi</i> Synonym(s): <i>Polygonum careyi</i>	Carey's Smartweed	S1	G4			
<i>Persicaria hydropiperoides</i> Synonym(s): <i>Polygonum hydropiperoides</i>	Mild Water-pepper	S3	G5			
<i>Petasites frigidus</i> var. <i>palmatus</i>	Sweet Coltsfoot	S2	G5T5	T		
<i>Phegopteris hexagonoptera</i> Synonym(s): <i>Thelypteris hexagonoptera</i>	Broad Beech-fern	S2S3	G5			
<i>Phragmites americanus</i> Synonym(s): <i>Phragmites australis</i> ssp. <i>americanus</i>	American Reed	S1S2	G5T5			Div. IND
<i>Physalis grisea</i>	Strawberry-tomato	S1?	G5?			
<i>Physalis longifolia</i> var. <i>subglabrata</i>	Smooth Ground-cherry	SH	G5T4T5			
<sup>28</sup> <i>Physostegia virginiana</i> ssp. <i>virginiana</i>	Obedient Plant	S2	G5T5	T		
<i>Pilea fontana</i>	Black-seeded Clearweed	S1?	G5			Div. IND
<i>Pinguicula vulgaris</i>	Butterwort	S1	G5			Div. 2
<i>Pinus banksiana</i>	Jack Pine	SH	G5	T		

28 Only Lake Champlain populations are believed to be native. Other populations not tracked in Natural Heritage Database.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Piptatheropsis pungens</i> Synonym(s): <i>Piptatherum pungens</i> , <i>Oryzopsis pungens</i>	Slender Mountain-rice	S2	G5	T		
<i>Platanthera blephariglottis</i> var. <i>blephariglottis</i>	White-fringed Orchid	S2	G4G5T4T5			
<i>Platanthera flava</i> var. <i>herbiola</i>	Tubercled Orchid	S2	G4?T4Q	T		
<i>Platanthera hookeri</i>	Hooker's Orchid	S2	G4	T		
<i>Platanthera huronensis</i> Synonym(s): <i>Platanthera hyperborea</i> var. <i>huronensis</i>	Huron Orchid	S3	G5T5?			Div. IND
<i>Platanthera macrophylla</i>	Large Roundleaf Orchid	S1	G5T4			
<i>Platanthera orbiculata</i>	Roundleaf Orchid	S2	G5TNR			
<i>Poa glauca</i> ssp. <i>glauca</i>	Glaucous Bluegrass	SH	G5T5			Div. 2
<i>Poa interior</i>	Inland Bluegrass	S1	G5T5			Div. 2
<i>Poa laxa</i> ssp. <i>fernaldiana</i> Synonym(s): <i>Poa fernaldiana</i>	Wavy Bluegrass	S1	G5?T3			Div. 1
<i>Poa pratensis</i> ssp. <i>agassizensis</i> <sup>29</sup>	Agassiz Kentucky Bluegrass	SH	G5TNR			Div. 2
<i>Poa saltuensis</i> ssp. <i>languida</i> Synonym(s): <i>Poa languida</i>	Lax Bluegrass	S1S2	G5T3T4Q			Div. 2
<i>Poa saltuensis</i> ssp. <i>saltuensis</i> Synonym(s): <i>Poa saltuensis</i>	Drooping Bluegrass	S3	G5			
<i>Podophyllum peltatum</i>	May-apple	S1	G5			Div. 2
<i>Podostemum ceratophyllum</i>	Riverweed	S1	G5			
<i>Pogonia ophioglossoides</i>	Rose Pogonia	S3	G5			
<i>Polemonium vanbruntiae</i>	Eastern Jacob's Ladder	S2	G3G4	T		Div. 1
<i>Polygala polygama</i>	Racemed Milkwort	S2	G5			
<i>Polygala sanguinea</i>	Field Milkwort	S3	G5			
<i>Polygala senega</i>	Seneca Snakeroot	S2S3	G4G5			
<i>Polygala verticillata</i> var. <i>ambigua</i> Synonym(s): <i>Polygala ambigua</i>	Ambiguous Milkwort	S1S2	G5T5?			Div. 2
<i>Polygala verticillata</i> var. <i>verticillata</i> Synonym(s): <i>Polygala verticillata</i>	Whorled Milkwort	S1S2	G5T5?			
<i>Polygonatum biflorum</i>	Common Solomon's-seal	S1	G5			
<i>Polygonum douglasii</i>	Douglas' Knotweed	S2	G5	E		
<i>Polygonum erectum</i>	Erect Knotweed	SH	G5			Div. IND

29 Rare, possibly native subspecies of an otherwise common exotic species.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Polygonum tenue</i>	Slender Knotweed	SU	G5			
<i>Polymnia canadensis</i>	White-flowered Leafcup	S1	G5	E		Div. 2
<i>Potamogeton bicupulatus</i>	Snail-seed Pondweed	S2	G4			
<i>Potamogeton confervoides</i>	Tuckerman's Pondweed	S2	G4			
<i>Potamogeton friesii</i>	Fries' Pondweed	S3	G5			
<i>Potamogeton hillii</i>	Hill's Pondweed	S3	G3			Div. 1
<i>Potamogeton obtusifolius</i>	Blunt-leaf Pondweed	S3	G5			
<i>Potamogeton strictifolius</i>	Straight-leaf Pondweed	S2S3	G5			
<i>Potamogeton vaseyi</i>	Vasey's Pondweed	S2	G4			
<i>Potamogeton x ogdenii</i> Synonym(s): <i>Potamogeton ogdenii</i>	Ogden's Pondweed	S1	G1G2			Div. 1
<i>Potentilla litoralis</i> Synonym(s): <i>Potentilla pensylvanica</i> var. <i>pectinata</i>	Northern Cinquefoil	SX	G5T5	E		
<i>Primula mistassinica</i>	Bird's-eye Primrose	S1	G5	T		Div. 3b
<i>Proserpinaca palustris</i>	Marsh Mermaid-weed	S2S3	G5			
<i>Prunus americana</i>	Wild Plum	S1?	G5	T		
<i>Prunus pumila</i> var. <i>depressa</i>	Low Sand Cherry	S2	G5T5			
<i>Prunus susquehanae</i> Synonym(s): <i>Prunus pumila</i> var. <i>cuneata</i> , <i>Prunus pumila</i> var. <i>susquehanae</i> , <i>Prunus cuneata</i>	Susquehanna Sand Cherry	S1	G5T4T5	E		
<i>Pseudognaphalium macounii</i> Synonym(s): <i>Gnaphalium macounii</i>	Winged Cudweed	S3	G5			
<i>Pterospora andromedea</i>	Pinedrops	S1	G5	E		Div. 2
<i>Pycnanthemum incanum</i> var. <i>incanum</i>	Hoary Mountain-mint	S1	G5T5	E		
<i>Pycnanthemum muticum</i>	Blunt Mountain-mint	S1	G5			
<i>Pycnanthemum verticillatum</i> var. <i>verticillatum</i>	Whorled Mountain-mint	S2S3	G5T5			
<i>Pyrola asarifolia</i> ssp. <i>asarifolia</i>	Bog Wintergreen	S2	G5T5	T		
<i>Pyrola chlorantha</i> Synonym(s): <i>Pyrola virens</i>	Green-flower Shinleaf	SU	G5			
<i>Pyrola minor</i>	Lesser Pyrola	S1	G5	E		Div. 3b
<i>Quercus coccinea</i>	Scarlet Oak	S1	G5			
<i>Quercus ilicifolia</i>	Scrub Oak	S1	G5	E		

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Quercus muehlenbergii</i>	Yellow Oak	S3	G5			
<i>Quercus prinoides</i>	Dwarf Chinquapin Oak	S1	G5	E		
<i>Ranunculus allegheniensis</i>	Allegheny Crowfoot	S2	G4G5	T		
<i>Ranunculus aquatilis var. diffusus</i>	White Water-crowfoot	S3	G5T5			
<i>Ranunculus fascicularis</i>	Early Buttercup	SH	G5			
<i>Ranunculus flabellaris</i>	Yellow Water-crowfoot	S3	G5			
<i>Ranunculus hispidus</i> Synonym(s): <i>Ranunculus hispidus var. hispidus</i>	Bristly Buttercup	S1	G5T5			Div. IND
<i>Ranunculus pensylvanicus</i>	Bristly Crowfoot	S3	G5			
<i>Ranunculus sceleratus var. sceleratus</i>	Cursed Crowfoot	S3	G5T5			
<i>Rhexia virginica</i>	Virginia Meadow-beauty	S1	G5	T		
<i>Rhodiola rosea</i> Synonym(s): <i>Sedum rosea</i>	Roseroot	S1	G5	T		Div. 3b
<i>Rhododendron lapponicum</i>	Lapland Rosebay	S1?	G5			Div. 2
<i>Rhododendron maximum</i>	Great Laurel	S2	G5	T		Div. 3b
<i>Rhododendron periclymenoides</i> Synonym(s): <i>Rhododendron nudiflorum</i>	Pinxter-flower	S1?	G5			
<i>Rhus aromatica var. aromatica</i>	Fragrant Sumac	S3	G5T5			
<i>Rhynchospora capillacea</i>	Capillary Beak-rush	S1	G4	T		Div. 2
<i>Rorippa aquatica</i> Synonym(s): <i>Armoracia lacustris</i> , <i>Armoracia aquatica</i> , <i>Neobeckia aquatica</i>	Lake-cress	S1	G4?	T		Div. 2
<i>Rosa acicularis ssp. sayi</i>	Needle-spine Rose	S1	G5T5	E		Div. 2
<i>Rosa nitida</i>	Shining Rose	S2	G5			
<i>Rudbeckia hirta var. hirta</i> <sup>30</sup>	Black-eyed Susan	SH	G5T4T5			Div. IND
<i>Rumex occidentalis</i>	Western Dock	SH	G5T5			Div. 4
<i>Rumex pallidus</i>	Seabeach Dock	SH	G4			
<i>Sagina decumbens</i>	Small Pearlwort	SH	G5			Div. IND
<i>Sagittaria australis</i>	Appalachian Arrowhead	S1?	G5			
<i>Sagittaria engelmanniana</i>	Engelmann's Arrowhead	SH	G5?			
<i>Sagittaria rigida</i>	Sessile-fruited Arrowhead	S3	G5			
<i>Salix amygdaloides</i>	Peach-leaf Willow	S1	G5			Div. 4
<i>Salix candida</i>	Hoary Willow	S3	G5			

30 Regionally rare, possibly native, variety of an otherwise exotic species.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Salix pedicellaris</i>	Bog Willow	S2	G5			
<i>Salix pellita</i>	Satiny Willow	S1	G5			
<i>Salix planifolia ssp. planifolia</i>	Tea-leaved Willow	S1	G5T5	T		Div. 2
<i>Salix serissima</i>	Autumn Willow	S1	G5			
<i>Salix uva-ursi</i>	Bearberry Willow	S1	G5	E		Div. 2
<i>Samolus valerandi ssp. parviflorus</i> Synonym(s): <i>Samolus parviflorus</i>	Water Pimpernel	S1	G5T5			
<i>Sanguisorba canadensis</i>	Canada Burnet	S2	G5			
<i>Sanicula canadensis var. canadensis</i>	Short-styled Snakeroot	S2S3	G5T5	T		
<i>Sanicula canadensis var. grandis</i>	Long-styled Snakeroot	SH	G5T3T5	T		Div. 4
<i>Sanicula trifoliata</i>	Long-fruited Snakeroot	S3	G4			
<i>Sassafras albidum</i>	Sassafras	S3	G5			
<i>Saxifraga aizoides</i>	Yellow Mountain Saxifrage	S1	G5			Div. 2
<i>Saxifraga oppositifolia ssp. oppositifolia</i>	Purple Mountain Saxifrage	S1	G5T5			Div. 2
<i>Saxifraga paniculata</i> Synonym(s): <i>Saxifraga aizoon var. neogaea</i>	White Mountain Saxifrage	S1	G5			Div. 2
<i>Scheuchzeria palustris</i>	Pod-grass	S2	G5	T		
<i>Schoenoplectiella purshiana var. purshiana</i> Synonym(s): <i>Schoenoplectus purshianus var. purshianus</i> , <i>Scirpus purshianus var. purshianus</i>	Pursh's Bulrush	S3	G4G5T4T5			
<i>Schoenoplectiella smithii var. setosa</i> Synonym(s): <i>Schoenoplectus smithii var. setosus</i> , <i>Scirpus smithii var. setosus</i>	Smith's Bulrush	S1	G5?TNR			
<i>Schoenoplectiella smithii var. smithii</i> Synonym(s): <i>Schoenoplectus smithii var. smithii</i> , <i>Scirpus smithii var. smithii</i>	Smith's Bulrush	S2	G5?TNR			
<i>Schoenoplectus heterochaetus</i> Synonym(s): <i>Scirpus heterochaetus</i>	Slender Bulrush	S1S2	G5			Div. 2
<i>Schoenoplectus subterminalis</i> Synonym(s): <i>Scirpus subterminalis</i>	Water Bulrush	S3	G5			
<i>Schoenoplectus torreyi</i> Synonym(s): <i>Scirpus torreyi</i>	Torrey's Bulrush	S1S2	G5?			
<i>Scirpus ancistrochaetus</i>	Barbed-bristle Bulrush	S2S3	G3	E	LE	Div. 1
<i>Scirpus georgianus</i>	Georgia Bulrush	S1?	G5			Div. IND

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Scirpus polyphyllus</i>	Many-leaved Sedge	S3	G5			
<i>Scleria triglomerata</i> <sup>31</sup>	Whip Nutsedge	SNA	G5			Div. 2
<i>Scrophularia lanceolata</i>	Hare Figwort	S3	G5			
<i>Scrophularia marilandica</i>	Carpenter's-square	SU	G5			
<i>Scutellaria parvula</i> var. <i>missouriensis</i>	Shale Barren Skullcap	S1	G4T4			Div. IND
<i>Scutellaria parvula</i> var. <i>parvula</i>	Small Skullcap	S2	G4T4			Div. 2
<i>Selaginella apoda</i>	Meadow Spikemoss	S3	G5			
<i>Selaginella rupestris</i>	Rock Spikemoss	S3	G5			
<i>Senna hebecarpa</i> Synonym(s): <i>Cassia hebecarpa</i>	Wild Senna	S1	G5	T		Div. 2
<i>Sericocarpus asteroides</i> Synonym(s): <i>Aster paternus</i>	White-topped Aster	SH	G5			
<i>Shepherdia canadensis</i>	Canada Buffaloberry	S3	G5			
<i>Silene stellata</i>	Starry Catchfly	SH	G5			Div. 2
<i>Sisyrinchium angustifolium</i>	Narrow Blue-eyed-grass	S2S3	G5			
<i>Sisyrinchium atlanticum</i>	Eastern Blue-eyed-grass	S1	G5			
<i>Sisyrinchium mucronatum</i>	Slender Blue-eyed-grass	SH	G5			
<i>Solidago brendiae</i>	Brenda's Goldenrod	SH	GNR			
<i>Solidago leiocarpa</i> Synonym(s): <i>Solidago cutleri</i>	Cutler's Goldenrod	S1	G4			Div. 2
<i>Solidago odora</i> ssp. <i>odora</i>	Sweet Goldenrod	SH	G5T5	T		
<i>Solidago patula</i>	Roughleaf Goldenrod	S3	G5			
<i>Solidago ptarmicoides</i> Synonym(s): <i>Aster ptarmicoides</i> , <i>Oligoneuron album</i>	Snowy Aster	S2	G5			Div. 2
<i>Solidago racemosa</i> Synonym(s): <i>Solidago simplex</i> var. <i>racemosa</i> , <i>Solidago simplex</i> ssp. <i>randii</i> var. <i>racemosa</i>	River-ledge Goldenrod	S1	G5T3?			Div. IND
<i>Solidago randii</i> Synonym(s): <i>Solidago simplex</i> var. <i>monticola</i> , <i>Solidago simplex</i> ssp. <i>randii</i> var. <i>monticola</i>	Rand's Mountain Goldenrod	S2S3	G5T4			
<i>Solidago speciosa</i> var. <i>speciosa</i>	Showy Goldenrod	SH	G5T5?			
<i>Solidago squarrosa</i>	Squarrose Goldenrod	S2S3	G4?			
<i>Solidago ulmifolia</i>	Elm-leaved Goldenrod	S1	G5	E		
<i>Sorbus decora</i>	Northern Mountain-ash	S3	G5			

31 Based on a single historical specimen not certainly collected in Vermont.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Sorghastrum nutans</i>	Indian Grass	S3	G5			
<i>Sparganium androcladum</i>	Branching Bur-reed	S1	G4G5			Div. IND
<i>Sparganium fluctuans</i>	Water Bur-reed	S3	G5			
<i>Sparganium natans</i> Synonym(s): <i>Sparganium minimum</i>	Lesser Bur-reed	S2S3	G5	T		
<i>Sphenopholis nitida</i>	Shiny Wedgegrass	S1	G5	E		Div. 2a
<i>Sphenopholis obtusata</i>	Blunt Sphenopholis	SH	G5	E		Div. 2
<i>Spinulum canadense</i> Synonym(s): <i>Lycopodium annotinum</i> var. <i>pungens</i>	Stiff Clubmoss	S1	G5T4T5			
<i>Spiranthes casei</i> var. <i>casei</i>	Case's Ladies'-tresses	S2?	G4T4			Div. 2
<i>Spiranthes lacera</i> var. <i>gracilis</i>	Southern Slender Ladies'-tresses	SH	G5T4T5			
<i>Spiranthes lacera</i> var. <i>lacera</i>	Northern Slender Ladies'-tresses	S3	G5T5			
<i>Spiranthes lucida</i>	Shining Ladies'-tresses	S3	G4			
<i>Spiranthes ochroleuca</i>	Yellow Nodding Ladies'-tresses	S3	G4			
<i>Spiranthes romanzoffiana</i>	Hooded Ladies'-tresses	S3	G5			
<i>Sporobolus compositus</i> var. <i>compositus</i> Synonym(s): <i>Sporobolus asper</i>	Rough Dropseed	S2	G5T5	E		
<i>Sporobolus neglectus</i>	Small Dropseed	S1?	G5			Div. 2
<i>Stachys hispida</i> Synonym(s): <i>Stachys tenuifolia</i> var. <i>hispida</i>	Rough Hedge-nettle	SU	G5T4Q			Div. IND
<i>Stachys pilosa</i> var. <i>pilosa</i>	Marsh Woundwort	S2?	G5T5			
<i>Stellaria alsine</i>	Trailing Stitchwort	S2	G5			
<i>Stuckenia filiformis</i> Synonym(s): <i>Potamogeton filiformis</i>	Slender Pondweed	S1	G5			Div. 2
<i>Stuckenia x fennica</i> <sup>32</sup>	Hybrid Thread-leaved Pondweed	S1	GNA			
<i>Subularia aquatica</i> var. <i>americana</i> Synonym(s): <i>Subularia aquatica</i> ssp. <i>americana</i>	Water Aowlwort	SH	G5T5			
<i>Symphoricarpos albus</i> var. <i>albus</i> <sup>33</sup>	Wild Snowberry	S3	G5T5			
<i>Symphyotrichum boreale</i> Synonym(s): <i>Aster borealis</i>	Boreal Aster	SH	G5			

32 Hybrid of *Stuckenia filiformis* and *S. vaginata*. One parent, *S. vaginata*, has never been documented in Vermont. *Stuckenia filiformis* ssp. *occidentalis* and *Stuckenia x suecica* previously misapplied to Vermont plants.

33 Uncommon, native variety of an otherwise introduced (to Vermont) species.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Symphyotrichum ciliolatum</i> Synonym(s): <i>Aster ciliolatus</i>	Ciliolate Aster	S1	G5			
<i>Symphyotrichum laeve</i> var. <i>laeve</i> Synonym(s): <i>Aster laevis</i> var. <i>laevis</i>	Smooth Blue Aster	S2S3	G5T5			
<i>Symphyotrichum lanceolatum</i> var. <sup>34</sup> <i>interior</i> Synonym(s): <i>Aster lanceolatus</i> var. <i>interior</i> , <i>Symphyotrichum lanceolatum</i> ssp. <i>lanceolatum</i> var. <i>interior</i>	Inland Lance-leaf Aster	SU	G5T5			Div. IND
<i>Symphyotrichum ontarionis</i> Synonym(s): <i>Aster ontarionis</i>	Ontario Aster	S1S2	G5			Div. 2
<i>Symphyotrichum prenanthoides</i> Synonym(s): <i>Aster prenanthoides</i>	Crooked-stem Aster	S2?	G4G5			Div. 2
<i>Symphyotrichum racemosum</i> Synonym(s): <i>Aster racemosus</i> , <i>Aster vimineus</i>	Small White Aster	S2	G4G5			
<i>Symphyotrichum tradescantii</i> Synonym(s): <i>Aster tradescantii</i> , <i>Aster vimineus</i> var. <i>saxatilis</i>	Tradescant Aster	S2	G4Q			
<i>Symphyotrichum urophyllum</i> Synonym(s): <i>Aster urophyllus</i> , <i>Aster sagittifolius</i>	White-arrow Aster	S1	G4G5			Div. 2
<i>Taenidia integerrima</i>	Yellow Pimpernel	S2	G5	T		Div. 2
<i>Thalictrum revolutum</i> <sup>35</sup>	Waxy Meadow-rue	SNA	G5			
<i>Thalictrum thalictroides</i> Synonym(s): <i>Anemonella thalictroides</i>	Rue-anemone	S1	G5			
<i>Thalictrum venulosum</i>	Border Meadow-rue	S2S3	G5			Div. 2
<i>Toxicodendron radicans</i> ssp. <i>negundo</i> <sup>36</sup>	Hairy Climbing Poison-ivy	SH	G5T5			Div. 4
<i>Triantha glutinosa</i> Synonym(s): <i>Tofieldia glutinosa</i>	Sticky False-asphodel	S1	G5	T		
<i>Trichophorum cespitosum</i> Synonym(s): <i>Scirpus cespitosus</i>	Deer-hair Sedge	S1	G5			
<i>Trichophorum planifolium</i> Synonym(s): <i>Scirpus verecundus</i>	Bashful Bulrush	S1	G4G5	E		
<i>Trichostema brachiatum</i> Synonym(s): <i>Isanthus brachiatus</i>	False Pennyroyal	S1	G5			Div. 2
<i>Triglochin maritima</i>	Common Arrow-grass	S1	G5	E		Div. 3b
<i>Trillium cernuum</i>	Nodding Trillium	S3	G5			
<i>Triodanis perfoliata</i> Synonym(s): <i>Specularia perfoliata</i>	Venus's-looking-glass	S2S3	G5			

34 Regionally rare variety of an otherwise common, native species.

35 Based on one historical specimen with questionable identification. Uncertain if present.

36 Regionally rare variety of an otherwise common, native species.

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Triosteum aurantiacum</i> var. <i>aurantiacum</i>	Coffee Tinker's-weed	S3	G5T5			
<i>Triphora trianthophora</i> ssp. <i>trianthophora</i> Synonym(s): <i>Triphora trianthophora</i> var. <i>trianthophora</i> , <i>Triphora trianthophoros</i> var. <i>trianthophoros</i>	Three-bird Orchid	S1	G3G4T3T4	T		
<i>Trisetum spicatum</i> var. <i>pilosiglume</i>	Hairy-glumed False Oats	S1?	G5T3?Q			
<i>Trisetum spicatum</i> var. <i>spicatum</i>	Narrow False Oats	S3	G5TNR			
<i>Ulmus thomasii</i>	Cork Elm	S1	G5	T		Div. 2
<i>Utricularia geminiscapa</i>	Hidden-fruited Bladderwort	S3	G4G5			
<i>Utricularia gibba</i>	Humped Bladderwort	S3	G5			
<i>Utricularia minor</i>	Lesser Bladderwort	S3	G5			
<i>Utricularia purpurea</i>	Purple Bladderwort	S3	G5			
<i>Utricularia radiata</i> Synonym(s): <i>Utricularia inflata</i> var. <i>minor</i>	Inflated Bladderwort	S2S3	G4			
<i>Utricularia resupinata</i>	Northeastern Bladderwort	S1	G4	T		
<i>Uvularia perfoliata</i>	Perfoliate Bellwort	S2	G5			
<i>Vaccinium boreale</i>	Boreal Blueberry	S1	G4			
<i>Vaccinium caespitosum</i> Synonym(s): <i>Vaccinium cespitosum</i>	Dwarf Bilberry	S2	G5			
<i>Vaccinium stamineum</i>	Deerberry	S1	G5	E		
<i>Vaccinium uliginosum</i>	Alpine Bilberry	S2	G5			Div. 3b
<i>Vaccinium vitis-idaea</i>	Mountain Cranberry	S2	G5			
<i>Vahlodea atropurpurea</i> Synonym(s): <i>Deschampsia atropurpurea</i>	Mountain Hairgrass	SH	G5			
<i>Valeriana uliginosa</i>	Marsh Valerian	S1	G4	E		Div. 2
<i>Verbena simplex</i>	Narrow-leaved Vervain	SH	G5			Div. 2
<i>Veronica catenata</i>	Water-speedwell	S1	G5			Div. 2
<i>Veronica serpyllifolia</i> var. <i>humifusa</i> Synonym(s): <i>Veronica serpyllifolia</i> ssp. <i>humifusa</i>	Northern Thyme-leaf Speedwell	SH	G5T5?			
<i>Veronicastrum virginicum</i>	Culver's-root	S1	G4	E		Div. IND
<i>Viburnum edule</i>	Squashberry	S1	G5	T		

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	FC Status
<i>Viburnum rafinesquianum</i> var. <i>rafinesquianum</i>	Downy Arrowwood	S3	G5T4T5			
<i>Viola lanceolata</i> ssp. <i>lanceolata</i>	Lance-leaved Violet	S1	G5T5	T		
<i>Viola nephrophylla</i>	Northern Bog Violet	SH	G5			
<i>Viola palmata</i> L. <sup>37</sup>	Early Blue Violet	S2	G5T5?			
<i>Viola subsinuata</i> <sup>37</sup>	Lobed Violet	S1	G3G5			Div. IND
<i>Vulpia octoflora</i> var. <i>tenella</i> Synonym(s): <i>Festuca octoflora</i> var. <i>tenella</i>	Eight-flowered Fescue	S1	G5TNR	E		
<i>Wolffia brasiliensis</i>	Brazilian Water-meal	SU	G5			
<i>Woodsia alpina</i>	Alpine Woodsia	S1	G4G5	E		Div. 2
<i>Woodsia glabella</i>	Smooth Woodsia	S2	G5			Div. 2a
<i>Woodsia obtusa</i> ssp. <i>obtusa</i>	Blunt-leaved Woodsia	S3	G5T5			
<i>Woodwardia virginica</i> Synonym(s): <i>Anchistea virginica</i>	Virginia Chain-fern	S1	G5	T		
<i>Xyris difformis</i> var. <i>difformis</i>	Bog Yellow-eyed-grass	SH	G5T5			
<i>Xyris montana</i>	Northern Yellow-eyed-grass	S1	G5	T		
<i>Zannichellia palustris</i>	Horned Pondweed	S1S2	G5			

37 *Viola triloba* is now part of *V. palmata* (L.) *Viola subsinuata* is the currently accepted name for *V. palmata* of authors other than L.

## SYNONYMY INDEX

SYNONYM	CURRENT NAME	SYNONYM	CURRENT NAME
Agropyron trachycaulum	Elymus trachycaulus	Clematis occidentalis var. occidentalis	Clematis occidentalis ssp. occidentalis
Agrostis borealis	Agrostis mertensii	Clematis verticillaris	Clematis occidentalis ssp. occidentalis
Allium burdickii	Allium tricoccum var. burdickii	Crataegus asperifolia	Crataegus scabrida var. asperifolia
Alnus viridis ssp. crispa	Alnus alnobetula ssp. crispa	Crataegus chrysocarpa var. blanchardii	Crataegus irrasa var. blanchardii
Anchistea virginica	Woodwardia virginica	Crataegus chrysocarpa var. faxonii	Crataegus faxonii
Andersonglossum boreale	Cynoglossum virginianum var. boreale	Crataegus cyclophylla	Crataegus scabrida var. cyclophylla
Anemonella thalictroides	Thalictrum thalictroides	Crataegus egglestonii	Crataegus scabrida var. egglestonii
Anticlea elegans ssp. glauca	Anticlea glauca	Crataegus pisifera	Crataegus succulenta var. pisifera
Anticlea elegans ssp. glaucus	Anticlea glauca	Cynoglossum boreale	Cynoglossum virginianum var. boreale
Arabis drummondii	Boechea stricta	Cynoglossum virginianum ssp. boreale	Cynoglossum virginianum var. boreale
Arabis lyrata	Arabidopsis lyrata	Cyperus aristatus	Cyperus squarrosus
Arabis missouriensis	Borodinia missouriensis	Cypridium calceolus var. pubescens	Cypridium parviflorum var. pubescens
Arenaria groenlandica	Minuartia groenlandica	Cypridium pubescens	Cypridium parviflorum var. pubescens
Arenaria marcescens	Minuartia marcescens		
Arenaria rubella	Minuartia rubella	Dactylorhiza viridis	Coeloglossum viride
Armoracia aquatica	Rorippa aquatica	Deschampsia atropurpurea	Vahlodea atropurpurea
Armoracia lacustris	Rorippa aquatica	Dichanthelium acuminatum ssp. columbianum	Dichanthelium columbianum
Arnica mollis var. petiolaris	Arnica lanceolata ssp. lanceolata	Dichanthelium dichotomum ssp. dichotomum	Dichanthelium dichotomum var. dichotomum
Asplenium trichomanes-ramosum	Asplenium viride	Dichanthelium oligosanthes var. scribnerianum	Dichanthelium oligosanthes ssp. scribnerianum
Aster borealis	Symphiotrichum boreale	Diphasiastrum x sabinifolium	Diphasiastrum sabinifolium
Aster ciliolatus	Symphiotrichum ciliolatum	Diplazium pycnocarpon	Homalosorus pycnocarpos
Aster laevis var. laevis	Symphiotrichum laeve var. laeve	Draba breweri var. cana	Draba cana
Aster lanceolatus var. interior	Symphiotrichum lanceolatum var. interior	Elatine triandra var. americana	Elatine americana
Aster nemoralis	Oclemena nemoralis	Eleocharis pauciflora	Eleocharis quinqueflora
Aster ontarionis	Symphiotrichum ontarionis	Empetrum eamesii ssp. atropurpureum	Empetrum atropurpureum
Aster paternus	Sericocarpus asteroides	Eupatorium fistulosum	Eutrochium fistulosum
Aster prenanthoides	Symphiotrichum prenanthoides	Eupatorium purpureum var. purpureum	Eutrochium purpureum var. purpureum
Aster ptarmicoides	Solidago ptarmicoides		
Aster racemosus	Symphiotrichum racemosum	Festuca octoflora var. tenella	Vulpia octoflora var. tenella
Aster radula	Eurybia radula	Gnaphalium macounii	Pseudognaphalium macounii
Aster sagittifolius	Symphiotrichum urophyllum	Gnaphalium sylvaticum	Omalotheca sylvatica
Aster tradescantii	Symphiotrichum tradescantii	Helianthemum bicknellii	Crocianthemum bicknellii
Aster urophyllum	Symphiotrichum urophyllum	Helianthemum canadense	Crocianthemum canadense
Aster vimineus	Symphiotrichum racemosum	Hierochloe alpina ssp. orthantha	Anthoxanthum monticola ssp. monticola
Benthamidia florida	Cornus florida		
Boechea brachycarpa	Boechea grahamii	Hudsonia ericoides ssp. tomentosa	Hudsonia tomentosa
Boechea missouriensis	Borodinia missouriensis	Huperzia appalachiana	Huperzia appressa
Botrychium simplex var. tenebrosum	Botrychium tenebrosum	Hypericum pyramidatum	Hypericum ascyron
Callitriche heterophylla ssp. heterophylla	Callitriche heterophylla var. heterophylla	Isanthus brachiatus	Trichostema brachiatum
Calypso bulbosa ssp. americana	Calypso bulbosa var. americana	Isoetes macrospora	Isoetes lacustris
Calystegia sepium var. fraterniflora	Calystegia silvatica ssp. fraterniflora	Juncus alpinus	Juncus alpinoarticulatus
Cardamine pratensis var. palustris	Cardamine dentata	Lathyrus maritimus	Lathyrus japonicus var. maritimus
Cardamine rhomboidea	Cardamine bulbosa	Lechea villosa	Lechea mucronata
Carex abdita	Carex umbellata	Listera auriculata	Neottia auriculata
Carex atlantica ssp. capillacea	Carex atlantica var. capillacea	Listera australis	Neottia bifolia
Carex emmonsii	Carex albicans var. emmonsii	Listera convallarioides	Neottia convallarioides
Carex tenera var. echinodes	Carex echinodes	Listera cordata	Neottia cordata
Cassia hebecarpa	Senna hebecarpa	Lycopodium annotinum var. pungens	Spinulum canadense
Cassia nictitans	Chamaecrista nictitans var. nictitans	Lycopodium appressum	Lycopodiella appressa
Ceanothus ovatus	Ceanothus herbaceus	Lycopodium complanatum	Diphasiastrum complanatum
Cerastium nutans var. nutans	Cerastium nutans ssp. nutans	Lycopodium sabinifolium	Diphasiastrum sabinifolium
Chamaesyce nutans	Euphorbia nutans	Lysimachia lanceolata ssp. hybrida	Lysimachia hybrida
Chenopodium capitatum var. capitatum	Blitum capitatum ssp. capitatum	Malaxis brachypoda	Malaxis monophyllos var. brachypoda
Cherleria marcescens	Minuartia marcescens		

SYNONYM	CURRENT NAME	SYNONYM	CURRENT NAME
<i>Lycopodium annotinum</i> var. <i>pungens</i>	<i>Spinulum canadense</i>	<i>Scirpus heterochaetus</i>	<i>Schoenoplectus heterochaetus</i>
<i>Lycopodium appressum</i>	<i>Lycopodiella appressa</i>	<i>Scirpus purshianus</i> var. <i>purshianus</i>	<i>Schoenoplectiella purshiana</i> var. <i>purshiana</i>
<i>Lycopodium complanatum</i>	<i>Diphasiastrum complanatum</i>	<i>Scirpus smithii</i> var. <i>smithii</i>	<i>Schoenoplectiella smithii</i> var. <i>smithii</i>
<i>Lycopodium sabinifolium</i>	<i>Diphasiastrum sabinifolium</i>	<i>Scirpus smithii</i> var. <i>setosus</i>	<i>Schoenoplectiella smithii</i> var. <i>setosa</i>
<i>Lysimachia lanceolata</i> ssp. <i>hybrida</i>	<i>Lysimachia hybrida</i>	<i>Scirpus subterminalis</i>	<i>Schoenoplectus subterminalis</i>
<i>Malaxis brachypoda</i>	<i>Malaxis monophyllos</i> var. <i>brachypoda</i>	<i>Scirpus torreyi</i>	<i>Schoenoplectus torreyi</i>
<i>Malaxis monophyllos</i> ssp. <i>brachypoda</i>	<i>Malaxis monophyllos</i> var. <i>brachypoda</i>	<i>Scirpus verecundus</i>	<i>Trichophorum planifolium</i>
<i>Mimulus moschatus</i>	<i>Erythranthe moschata</i>	<i>Sedum rosea</i>	<i>Rhodiola rosea</i>
<i>Mononeuria groenlandica</i>	<i>Minuartia groenlandica</i>	<i>Solidago cutleri</i>	<i>Solidago leiocarpa</i>
<i>Neobeckia aquatica</i>	<i>Rorippa aquatica</i>	<i>Solidago simplex</i> ssp. <i>randii</i> var. <i>monticola</i>	<i>Solidago randii</i>
<i>Oligoneuron album</i>	<i>Solidago ptarmicoides</i>	<i>Solidago simplex</i> ssp. <i>randii</i> var. <i>racemosa</i>	<i>Solidago racemosa</i>
<i>Oreojuncus trifidus</i>	<i>Juncus trifidus</i>	<i>Sorengia longifolia</i> ssp. <i>rigidula</i>	<i>Coleataenia rigidula</i> ssp. <i>rigidula</i>
<i>Oryzopsis pungens</i>	<i>Piptatheropsis pungens</i>	<i>Sparganium minimum</i>	<i>Sparganium natans</i>
<i>Osmorhiza chilensis</i>	<i>Osmorhiza berteroi</i>	<i>Specularia perfoliata</i>	<i>Triodanis perfoliata</i>
<i>Panicum columbianum</i>	<i>Dichanthelium columbianum</i>	<i>Sporobolus asper</i>	<i>Sporobolus compositus</i> var. <i>compositus</i>
<i>Panicum dichotomum</i> var. <i>dichotomum</i>	<i>Dichanthelium dichotomum</i> var. <i>dichotomum</i>	<i>Stachys tenuifolia</i> var. <i>hispidula</i>	<i>Stachys hispidula</i>
<i>Panicum philadelphicum</i> var. <i>philadelphicum</i>	<i>Panicum philadelphicum</i> ssp. <i>philadelphicum</i>	<i>Subularia aquatica</i> ssp. <i>americana</i>	<i>Subularia aquatica</i> var. <i>americana</i>
<i>Panicum philadelphicum</i> var. <i>tuckermanii</i>	<i>Panicum tuckermanii</i>	<i>Symphyotrichum lanceolatum</i> ssp. <i>lanceolatum</i> var. <i>interior</i>	<i>Symphyotrichum lanceolatum</i> var. <i>interior</i>
<i>Panicum sphaerocarpon</i>	<i>Dichanthelium sphaerocarpon</i>	<i>Thelypteris hexagonoptera</i>	<i>Phegopteris hexagonoptera</i>
<i>Panicum xanthophyllum</i>	<i>Dichanthelium xanthophyllum</i>	<i>Thelypteris simulata</i>	<i>Parathelypteris simulata</i>
<i>Paspalum ciliatifolium</i>	<i>Paspalum setaceum</i> var. <i>muhlenbergii</i>	<i>Tillaea aquatica</i>	<i>Crassula aquatica</i>
<i>Phragmites australis</i> ssp. <i>americanus</i>	<i>Phragmites americanus</i>	<i>Tofieldia glutinosa</i>	<i>Triantha glutinosa</i>
<i>Physalis grandiflora</i>	<i>Leucophysalis grandiflora</i>	<i>Trichomanes intricatum</i>	<i>Crepidomanes intricatum</i>
<i>Piptatherum pungens</i>	<i>Piptatheropsis pungens</i>	<i>Triphora trianthophora</i> var. <i>trianthophora</i>	<i>Triphora trianthophora</i> ssp. <i>trianthophora</i>
<i>Platanthera hyperborea</i> var. <i>huronensis</i>	<i>Platanthera huronensis</i>	<i>Triphora trianthophora</i> var. <i>trianthophora</i>	<i>Triphora trianthophora</i> ssp. <i>trianthophora</i>
<i>Poa fernaldiana</i>	<i>Poa laxa</i> ssp. <i>fernaldisiana</i>	<i>Triphora trianthophora</i> var. <i>trianthophora</i>	<i>Triphora trianthophora</i> ssp. <i>trianthophora</i>
<i>Poa languida</i>	<i>Poa saltuensis</i> ssp. <i>languida</i>	<i>Trisetum melicoides</i>	<i>Grappophorum melicoides</i>
<i>Polygala ambigua</i>	<i>Polygala verticillata</i> var. <i>ambigua</i>	<i>Utricularia inflata</i> var. <i>minor</i>	<i>Utricularia radiata</i>
<i>Polygala verticillata</i>	<i>Polygala verticillata</i> var. <i>verticillata</i>	<i>Vaccinium cespitosum</i>	<i>Vaccinium caespitosum</i>
<i>Polygonum careyi</i>	<i>Persicaria careyi</i>	<i>Veronica serpyllifolia</i> ssp. <i>humifusa</i>	<i>Veronica serpyllifolia</i> var. <i>humifusa</i>
<i>Polygonum hydropiperoides</i>	<i>Persicaria hydropiperoides</i>	<i>Zigadenus elegans</i> ssp. <i>glauca</i>	<i>Anticlea glauca</i>
<i>Polygonum viviparum</i>	<i>Bistorta vivipara</i>		
<i>Potamogeton filiformis</i>	<i>Stuckenia filiformis</i>		
<i>Potamogeton ogdenii</i>	<i>Potamogeton x ogdenii</i>		
<i>Potentilla arguta</i>	<i>Drymocallis arguta</i>		
<i>Potentilla pennsylvanica</i> var. <i>pectinata</i>	<i>Potentilla litoralis</i>		
<i>Prenanthes boottii</i>	<i>Nabalus boottii</i>		
<i>Prenanthes trifoliolata</i>	<i>Nabalus trifoliolatus</i>		
<i>Prunus pumila</i> var. <i>cuneata</i>	<i>Prunus susquehanae</i>		
<i>Prunus pumila</i> var. <i>susquehanae</i>	<i>Prunus susquehanae</i>		
<i>Pyrola virens</i>	<i>Pyrola chlorantha</i>		
<i>Ranunculus hispidus</i> var. <i>hispidus</i>	<i>Ranunculus hispidus</i>		
<i>Rhododendron nudiflorum</i>	<i>Rhododendron periclymenoides</i>		
<i>Sabulina rubella</i>	<i>Minuartia rubella</i>		
<i>Samolus parviflorus</i>	<i>Samolus valerandi</i> ssp. <i>parviflorus</i>		
<i>Saxifraga aizoon</i> var. <i>neogaea</i>	<i>Saxifraga paniculata</i>		
<i>Sceptridium multifidum</i>	<i>Botrychium multifidum</i>		
<i>Sceptridium oneidense</i>	<i>Botrychium oneidense</i>		
<i>Sceptridium rugulosum</i>	<i>Botrychium rugulosum</i>		
<i>Schoenoplectus purshianus</i> var. <i>purshianus</i>	<i>Schoenoplectiella purshiana</i> var. <i>purshiana</i>		
<i>Schoenoplectus smithii</i> var. <i>setosus</i>	<i>Schoenoplectiella smithii</i> var. <i>setosa</i>		
<i>Schoenoplectus smithii</i> var. <i>smithii</i>	<i>Schoenoplectiella smithii</i> var. <i>smithii</i>		
<i>Scirpus cespitosus</i>	<i>Trichophorum cespitosum</i>		

## Explanation of Legal Status and Information Ranks

**State Rank and Global Rank** - Value that best characterizes the relative rarity (abundance) or endangerment of a native taxon within Vermont's geographic boundary or throughout its range, respectively. Ranks are as follows:

- 1 - Very rare (Critically imperiled): At very high risk of extinction or extirpation due to extreme rarity (often 5 or fewer populations or occurrences), very steep declines, or other factors
- 2 - Rare (Imperiled): At high risk of extinction or extirpation due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors
- 3 - Uncommon (Vulnerable): Moderate risk of extinction/extirpation due to restricted range, relatively few populations or occurrences (often 80 or fewer), recent and widespread declines, or other factors
- 4 - General, regular, and apparently secure: May be locally uncommon or widely scattered but not uncommon on a statewide basis
- 5 - Common (Secure): widespread and abundant
- H - Possibly extinct/extirpated: Missing; only historical occurrences but potential for rediscovery
- X - Presumed extinct/extirpated: Not located despite intensive searches and little likelihood of rediscovery
- U - Unrankable: Currently unrankable due to lack of information or substantially conflicting information about status or trends
- NR - Not ranked: Not yet assessed
- NA - Not applicable. Element is not a suitable target for conservation for one of the following reasons: Hybrid, Exotic Origin, Accidental/Nonregular, Not Confidently Present, No Definable Occurrences

Uncertainty may be indicated, either in the form of a range rank (e.g. S1S3) or a ? qualifier following a numeric rank. For global ranks only, a T-rank indicates an infraspecies, and a Q qualifier following the rank indicates uncertain taxonomy.

**State Status** - Legal protection under 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
- PDL = Proposed for Delisting
- PE = Proposed for Endangered Status (not legally protected by 10 V.S.A. Chap. 123)
- PT = Proposed for Threatened Status (not legally protected by 10 V.S.A. Chap. 123)
- RE = Recommended (by the Endangered Species Committee) for Endangered Status (not legally protected)
- RT = Recommended (by the Endangered Species Committee) for Threatened Status (not legally protected)
- RDL = Recommended (by the Endangered Species Committee) for Delisting

**Federal Status** - Legal protection under the federal Endangered Species Act, U.S. Fish & Wildlife Service

- LE = Listed Endangered
- LT = Listed Threatened
- PDL = Proposed for Delisting
- C = Candidate for Listing (not legally protected under ESA)
- SC = Species of Concern (not legally protected under ESA)

**FC Status** - Flora Conservanda status (2012), New England Plant Conservation Program. Not a legal designation.

See <http://www.newfs.org/conservanda/saving-imperiled-plants/flora-conservanda> for more information.

- Div. 1 - Globally and Regionally Rare Taxa in New England
- Div. 2 - Regionally Rare Taxa in New England - typically fewer than 20 populations.
- Div. 2a - Regionally Rare Taxa in New England - slightly more than 20 occurrences, but is vulnerable to extirpation
- Div. 3a - Declining in a substantial portion of their range in New England
- Div. 3b - Disjunct and rare in a portion of New England.
- Div. 4 - Historic or extirpated species in New England
- Div. IND - Indeterminate Taxa - under review for inclusion, but taxonomy, nomenclature, or status in the wild is not clearly understood.



**VERMONT RARE PLANT FORM**  
**Vermont Natural Heritage Inventory**

rev. Nov.2017

**Latin Name:** \_\_\_\_\_ **EO# (if known):** \_\_\_\_\_ **New:** \_\_\_\_\_ **Update:** \_\_\_\_\_

**Surveyor(s):** \_\_\_\_\_  
**Mailing address (phone, email):** \_\_\_\_\_

**Survey Date(s):** \_\_\_\_\_ **Report Date:** \_\_\_\_\_

**Survey Site:** \_\_\_\_\_ **Town(s):** \_\_\_\_\_

**Directions to location(s) of plants:**

  
  
  

Are plants in same location(s) as previously observed? \_\_\_\_\_

**LANDOWNER(S) / CONTACT(S)** (Name, Telephone, Address, Email—if not in a Site Summary Form) Permission?

\_\_\_\_\_

\_\_\_\_\_

**BIOLOGY**

Approximate #	Population Area(s)	Phenology (% or #)
_____ ramets (Stems originating separately from ground)	(e.g. 30x10ft; 1m <sup>2</sup> ; 0.5 acre, 1ha) _____ _____	_____ in leaf _____ in bud _____ in flower
_____ genets (Presumed genetic individuals, e.g. clumps, patches, stems)	_____ _____	_____ immature fruit _____ mature fruit _____ dormant

**Verbal synopsis of above biological data and evidence of reproduction** (if not found, discuss search effort):

  
  
  

**SURVEY SITE & HABITAT INFORMATION** (if not provided in a Site Summary Form or previous form)

**Survey site description:**

  
  
  

**Substrate:** \_\_\_\_\_ **Topographic position:** \_\_\_\_\_

**Aspect:** \_\_\_\_\_ **Slope:** \_\_\_\_\_ **Elevation (in feet):** minimum \_\_\_\_\_ maximum \_\_\_\_\_

**Light:** \_\_\_\_\_ **Moisture:** \_\_\_\_\_

**Associated plant species observed (immediate vicinity):**

**IDENTIFICATION** Characteristics used for plant ID.

Photos taken:

\_\_\_\_\_

Specimen collected?  Collection #: \_\_\_\_\_ Collector (s): \_\_\_\_\_ Repository: \_\_\_\_\_  
(A permit is required to collect Threatened & Endangered species)

**CONSERVATION SUMMARY**

Is the habitat likely to persist? \_\_\_\_\_

Explain any threats: \_\_\_\_\_

Conservation, management, and inventory needs:  
\_\_\_\_\_  
\_\_\_\_\_

Full extent of population known? Amount or percent of habitat searched:  
\_\_\_\_\_  
\_\_\_\_\_

Comments that do not fit in another field:  
\_\_\_\_\_  
\_\_\_\_\_

**MAPPING** (required if not provided in a Site Summary)

**Attach a copy of Map or Aerial Image showing the rare plant location(s):**

(Keep in mind that if an area occupied is longer or wider than 12.5 meters, we prefer to map a polygon or line)

AND/OR: Attach shapefile (must be *NAD83 State Plane*) ; GPS point printout ; or write out GPS coordinates below:

**GPS Points:** \_\_\_\_\_ Datum (required; NAD83 preferred): \_\_\_\_\_  
Accuracy (if known): +/- \_\_\_\_\_ meters /feet

Optional: Sketches with rare plant location(s), direction & scale: 1) Cross-section of local topography; 2) Diagram of site with survey route

**Please send completed forms to Bob Popp: Bob.Popp [at] vermont.gov / Vermont Natural Heritage Inventory, Vermont Fish & Wildlife Department, 5 Perry St., Suite 40, Barre, VT 05641 / (802)-476-0127**