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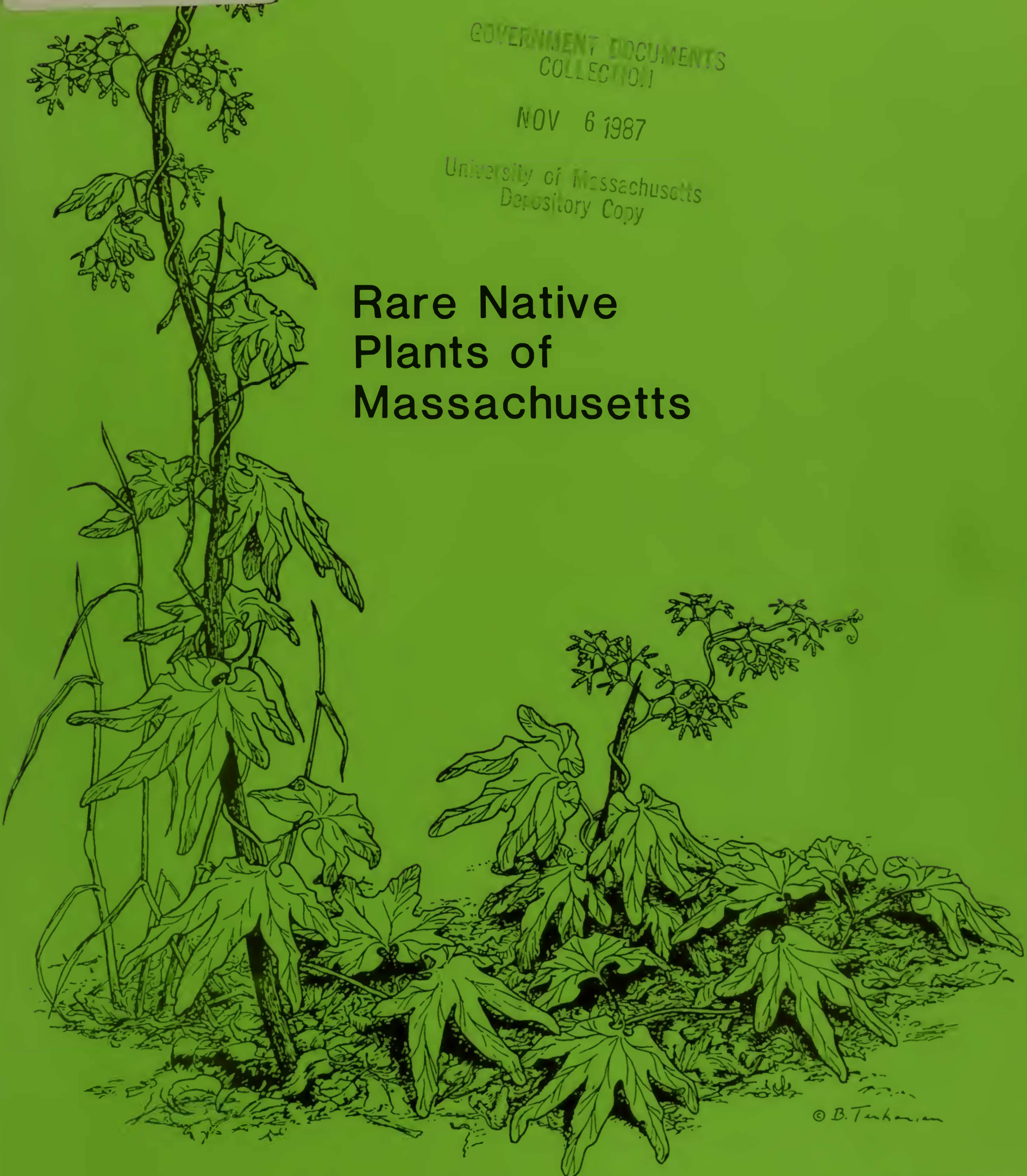
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Rare Native Plants of Massachusetts



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THE COVER

Climbing Fern (Lygodium palmatum) is an evergreen climbing or sprawling fern of open streamside thickets, young pine-oak-maple woods, and clearings such as powerlines. It favors moist, sandy, acid soil. Because of its popularity as decoration and resulting decline in the wild, the Connecticut Legislature in 1869 passed the first conservation law protecting a fern, accounting for its alternate name Hartford Fern. In Massachusetts the species seems to be making a slow comeback and is currently known from 14 sites. Some Hampden and Hampshire County populations are large and vigorous. The cover illustration by Barbara Terkanian clearly shows the elongate twining fronds tipped by branched fertile pinnae.



RARE NATIVE PLANTS OF MASSACHUSETTS

Prepared by

Bruce A. Sorrie, Program Botanist
Massachusetts Natural Heritage Program

MASSACHUSETTS DIVISION OF FISHERIES AND WILDLIFE

1985

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INTRODUCTION

The following list identifies those native plants of the Commonwealth which are the rarest and most in need of conservation. All of the listed species are threatened by development, recreational pressures, or ecological succession, or are vulnerable because they occur only in rare or fragile habitats. The majority, such as Fir Clubmoss (Lycopodium selago) and Chaffseed (Schwalbea americana), have historically always been rare in the number of occurrences and/or overall state population size. Others, such as Arethusa (Arethusa bulbosa) and Purple Needlegrass (Aristida purpurascens), were once fairly numerous but have severely declined during the past 75 years due to habitat alteration. A few, such as Golden Seal (Hydrastis canadensis) and Smooth Woodsia (Woodsia glabella), have been newly discovered in Massachusetts only very recently; they may be new colonizers or may have been overlooked in the past. Several species are nearly endemic to Massachusetts; protection within this state is essential for the continued survival of such species as Terete Arrowhead (Sagittaria teres), Nantucket Shadbush (Amelanchier nantucketensis), Bushy Rockrose (Helianthemum dumosum), Plymouth Gentian (Sabatia kennedyana), and Sandplain Gerardia (Agalinis acuta).

The first comprehensive list of the rare plants of the state is "Rare and endangered vascular plant species in Massachusetts" (Coddington & Field, 1978). In this important publication, the authors document the historical distribution of 243 species and give clear and thoughtful discussions on floristic provinces of the state, preservation of critical habitats, causes of rarity, and criteria for inclusion of species. Since 1978, The Massachusetts Natural Heritage Program has tapped many sources, particularly additional herbarium specimens and published reports. In addition, the author has spent five field seasons verifying the locations and identities of rare plants across the state. That, combined with the reports of other professional and amateur botanists, has made the Natural Heritage Program's data base the largest repository of rare plant information in the state. From the Coddington & Field list 41 species have been deleted, primarily because recent intensive searches indicate that they are more common than previously thought. Similarly, 40 species have been added after careful consideration of their current and historical rarity and vulnerability of their habitats. Only native species are listed.

FUTURE REVISIONS

In any listing of rare species it is expected that changes will be made from time to time. This list is itself a revision of a 1983 list and is based on our current knowledge; it will be subject to revision as the circumstances of a species' rarity change and as our knowledge about the native flora increases. Submission of additional data on these species, or on other species which may warrant listing, is requested and encouraged. Please send information to the Massachusetts Natural Heritage Program, Division of Fisheries & Wildlife, 100 Cambridge St., Boston, MA 02202.

ABOUT THIS LIST

The list is arranged taxonomically by botanical family; within each family plants are arranged alphabetically by genus and species. Trinomials are used to indicate certain subspecies and varieties; in most cases only the listed taxon occurs in Massachusetts.

Status Codes

The status of each species is indicated by letter codes as defined below:

- FE = listed as Federally Endangered by U.S. Fish & Wildlife Service.
- FT = listed as Federally Threatened by U.S. Fish & Wildlife Service.
- E = Endangered. Any reproductively viable native species of wildlife or wild plant which has been documented by biological research and inventory to be in danger of extirpation from the Commonwealth.
- T = Threatened. Any reproductively viable native species of wildlife or wild plant which has been documented by biological research and inventory to be rare or declining within the Commonwealth and which is likely to become endangered in the Commonwealth in the foreseeable future.
- SC = Special Concern. Any native wildlife or wild plant species which has been documented by biological research and inventory to be suffering a decline that could threaten the species in the Commonwealth if allowed to continue unchecked, or that occurs in such small numbers or with such a restricted distribution or specialized habitat requirements that it could easily become threatened.
- X = Extirpated. No longer believed to occur in the Commonwealth; recent searches have failed to locate any populations.

Nomenclature

Nomenclature follows that of Kartesz & Kartesz (1980) which reflects many changes made since the major manuals (Fernald, 1950; Gleason, 1952) were published. Be advised that field guides and most references in the attached bibliography use the older nomenclature. Because of their relative scarcity or obscurity, many rare species have not acquired colloquial names. In such cases common names have been coined.

FURTHER INFORMATION

Lists of Other Rare Species

This list has been developed as one of the Division of Fisheries and Wildlife's lists of rare species in Massachusetts. For those interested, there is also available a "List of Endangered, Threatened, and Special Concern Vertebrate Animals of Massachusetts" and a "List of Endangered, Threatened, and Special Concern Invertebrate Animals of Massachusetts".

Massachusetts Natural Heritage Program

The Massachusetts Natural Heritage Program maintains a set of United States Geological Survey topographic maps on which the locations of all rare species are indicated. The maps accompany manual and computer files containing information on each species' status. The Natural Heritage staff regularly revises and updates this information as data are received.

Planners, developers, conservationists, and interested people who desire to know whether any rare natural features are known from a particular site are encouraged to contact the Natural Heritage Program. Please contact:

Massachusetts Natural Heritage Program
 Division of Fisheries and Wildlife
 100 Cambridge St.
 Boston, MA 02202
 (617) 727-9194

ACKNOWLEDGEMENTS

Many people have provided valuable counsel and have shared their knowledge of plants in Massachusetts. In particular, I would like to thank the following individuals: Harry E. Ahles (deceased), Ray Angelo, Josephine B. Bruno, Caren A. Caljouw, Jonathan A. Coddington, Peter W. Dunwiddie, C. Barre Hellquist, Jerry Jenkins, Richard LeBlond, Roberta G. Poland, Charles Quinlan, Thomas J. Rawinski, Marian Rohman, Henry K. Svenson, Alice F. Tryon, Pamela B. Weatherbee, Henry L. Woolsey, Robert Zaremba, Peter F. Zika.



RARE NATIVE PLANTS OF MASSACHUSETTS

EQUISETACEAE (Horsetails)

<u>Equisetum palustre</u> Marsh Horsetail	X
<u>E. scirpoides</u> Dwarf Scouring-rush	SC

LYCOPODIACEAE (Clubmosses)

<u>Lycopodium alopecuroides</u> Foxtail Clubmoss	X
<u>L. carolinianum</u> Carolina Clubmoss	X
<u>L. selago</u> Fir Clubmoss	E

ISOETACEAE (Quillworts)

<u>Isoetes acadiensis</u> Acadian Quillwort	SC
<u>I. eatonii</u> Eaton's Quillwort	E
<u>I. macrospora</u> Lake Quillwort	SC

OPHIOGLOSSACEAE (Adder's-tongue Ferns)

<u>Ophioglossum vulgatum</u> Adder's-tongue Fern	T
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SCHIZAEACEAE (Climbing & Curly Grass Ferns)

<u>Lygodium palmatum</u> Climbing Fern	SC
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HYMENOPHYLLACEAE (Filmy-ferns)

<u>Trichomanes sp.</u> a Filmy-fern	SC
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ADIANTACEAE (Cliff & Maidenhair Ferns)

<u>Cryptogramma stelleri</u> Fragile Rock-brake	T
<u>Pellaea atropurpurea</u> Purple Cliff-brake	SC

ASPLENIACEAE (True Ferns)

<u>Asplenium montanum</u> Mountain Spleenwort	T
<u>A. ruta-muraria</u> Wall-rue Spleenwort	T
<u>Polystichum braunii</u> Braun's Holly-fern	E
<u>Woodsia glabella</u> Smooth Woodsia	E

SPARGANIACEAE (Bur-reeds)

<u>Sparganium minimum</u> Small Bur-reed	E
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POTAMOGETONACEAE (Pondweeds)

<u>Potamogeton alpinus</u> Northern Pondweed	X
<u>P. friesii</u> Fries's Pondweed	T
<u>P. strictifolius</u> Straight-leaved Pondweed	E

ALISMATACEAE (Arrowheads, Water-plantains)

<u>Echinodorus parvulus</u>	E
Burhead	
<u>Sagittaria calycina</u> ssp. <u>spongiosa</u>	E
Estuary Arrowhead	
<u>S. cuneata</u>	T
Wapato	
<u>S. subulata</u> var. <u>subulata</u>	T
River Arrowhead	
<u>S. teres</u>	SC
Terete Arrowhead	

POACEAE (Grasses)

<u>Aristida purpurascens</u>	T
Purple Needlegrass	
<u>A. tuberculosa</u>	SC
Seabeach Needlegrass	
<u>Calamagrostis pickeringii</u>	X
Reed Bentgrass	
<u>Dichanthelium acuminatum</u>	
var. <u>wrightianum</u>	SC
Wright's Panic-grass	
<u>D. ovale</u> var. <u>addisonii</u>	SC
Commons's Panic-grass	
<u>D. scoparium</u>	SC
Broom Panic-grass	
<u>Diplachne maritima</u>	T
Saltpond Grass	
<u>Elymus mollis</u>	E
Sea Lyme-grass	
<u>Eragrostis frankii</u>	SC
Frank's Love-grass	
<u>Milium effusum</u>	T
Millet Grass	
<u>Muhlenbergia capillaris</u>	X
Hairgrass	
<u>Panicum gattingeri</u>	SC
Gattinger's Panic-grass	
<u>P. longifolium</u>	E
Long-leaved Panic-grass	
<u>P. philadelphicum</u>	SC
Philadelphia Panic-grass	
<u>Paspalum laeve</u> var. <u>circulare</u>	SC
Meadow Paspalum	
<u>Puccinellia langeana</u> ssp. <u>alaskana</u>	SC
Northern Alkali-grass	

<u>Setaria geniculata</u>	SC
Bristly Foxtail	
<u>Spartina cynosuroides</u>	SC
Salt Reed-grass	
<u>Sporobolus heterolepis</u>	X
Northern Dropseed	
<u>S. neglectus</u>	E
Small Dropseed	
<u>Tripsacum dactyloides</u>	E
Northern Gama-grass	
<u>Trisetum spicatum</u> var. <u>molle</u>	T
Spiked False-oats	

CYPERACEAE (Sedges)

<u>Carex alopecoidea</u>	E
Foxtail Sedge	
<u>C. baileyi</u>	SC
Bailey's Sedge	
<u>C. bushii</u>	E
Bush's Sedge	
<u>C. castanea</u>	E
Chestnut-colored Sedge	
<u>C. chordorrhiza</u>	E
Creeping Sedge	
<u>C. davisii</u>	E
Davis's Sedge	
<u>C. flaccosperma</u> var. <u>glaucodea</u>	T
Glaucous Sedge	
<u>C. formosa</u>	T
Handsome Sedge	
<u>C. grayi</u>	T
Gray's Sedge	
<u>C. hitchcockiana</u>	SC
Hitchcock's Sedge	
<u>C. lenticularis</u>	T
Shore Sedge	
<u>C. livida</u> var. <u>grayana</u>	E
Glaucous Sedge	
<u>C. michauxiana</u>	E
Michaux's Sedge	
<u>C. oligocarpa</u>	SC
Rich Woods Sedge	
<u>C. oligosperma</u>	T
Few-fruited Sedge	
<u>C. pauciflora</u>	T
Few-flowered Sedge	

<u>Carex polymorpha</u>	SC	<u>Scirpus ancistrochaetus</u>	X
Variable Sedge		Barbed-bristle Bulrush	
<u>C. salina</u> var. <u>kattegatensis</u>	SC	<u>S. fluviatilis</u>	SC
Saline Sedge		River Bulrush	
<u>C. schweinitzii</u>	T	<u>S. hallii</u>	X
Schweinitz's Sedge		Hall's Bulrush	
<u>C. sterilis</u>	X	<u>S. longii</u>	X
Dioecious Sedge		Long's Bulrush	
<u>C. tetanica</u>	E	<u>S. pendulus</u>	SC
Rigid Sedge		Pendulous Bulrush	
<u>C. trichocarpa</u>	E	<u>Scleria pauciflora</u> var. <u>caroliniana</u>	E
Hairy-fruited Sedge		Papillose Nut-rush	
<u>C. typhina</u>	T	<u>S. triglomerata</u>	X
Cat-tail Sedge		Tall Nut-rush	
<u>C. walteriana</u> var. <u>brevis</u>	E		
Walter's Sedge		ARACEAE (Arums)	
<u>C. wiegandii</u>	SC	<u>Arisaema dracontium</u>	T
Wiegand's Sedge		Green Dragon	
<u>C. willdenowii</u>	SC	<u>Orontium aquaticum</u>	T
Willdenow's Sedge		Golden Club	
<u>Cyperus engelmannii</u>	SC		
Engelmann's Umbrella-sedge		ERIOCAULACEAE (Pipeworts)	
<u>Eleocharis equisetoides</u>	X	<u>Eriocaulon parkeri</u>	T
Horsetail Spike-rush		Estuary Pipewort	
<u>E. fallax</u>	E		
Deceitful Spike-rush		JUNCACEAE (Rushes)	
<u>E. intermedia</u>	T	<u>Juncus biflorus</u>	E
Intermediate Spike-rush		Two-flowered Rush	
<u>E. melanocarpa</u>	SC	<u>J. pervetus</u>	X
Black-fruited Spike-rush		Cape Cod Rush	
<u>E. obtusa</u> var. <u>ovata</u>	SC	<u>Luzula parviflora</u> ssp. <u>melanocarpa</u>	E
Ovate Spike-rush		Black-fruited Woodrush	
<u>E. quadrangulata</u>	X		
Squarestem Spike-rush		LILIACEAE (Lilies)	
<u>E. tricostata</u>	E	<u>Chamaelirium luteum</u>	E
Three-angled Spike-rush		Devil's-bit	
<u>Psilocarya nitens</u>	T		
Short-beaked Bald-rush		HAEMODORACEAE (Bloodworts, Redroots)	
<u>P. scirpoides</u>	SC	<u>Lachnanthes caroliniana</u>	SC
Long-beaked Bald-rush		Redroot	
<u>Rhynchospora capillacea</u>	E		
Capillary Beak-rush			
<u>R. inundata</u>	T		
Inundated Horned-rush			
<u>R. torreyana</u>	E		
Torrey's Beak-rush			

IRIDACEAE (Irises)

Sisyrinchium arenicola SC
Sandplain Blue-eyed Grass

ORCHIDACEAE (Orchids)

Aplectrum hyemale E
Putty-root

Arethusa bulbosa T
Arethusa

Corallorhiza odontorhiza SC
Autumn Coralroot

Cypripedium arietinum X
Ram's-head Lady's-slipper

C. calceolus var. parviflorum SC
Small Yellow Lady's-slipper

C. reginae SC
Showy Lady's-slipper

Isotria medeoloides FE
Small Whorled Pogonia

Listera cordata E
Heartleaf Twayblade

Malaxis brachypoda T
White Adder's-mouth

Platanthera ciliaris X
Orange Fringed Orchis

P. cristata X
Crested Fringed Orchis

P. dilatata T
Leafy White Orchis

P. flava var. herbiola T
Pale Green Orchis

P. obtusata X
Bluntleaf Orchis

Spiranthes vernalis SC
Grass-leaved Ladies'-tresses

Tipularia discolor E
Cranefly Orchid

Triphora trianthophora E
Nodding Pogonia

SALICACEAE (Willows)

Salix exigua SC
Sandbar Willow

S. serissima SC
Autumn Willow

BETULACEAE (Birches, Alders)

Alnus viridis ssp. crispa SC
Mountain Alder

Betula pumila T
Swamp Birch

FAGACEAE (Oaks, Beeches)

Quercus macrocarpa SC
Bur or Mossy-cup Oak

Q. muhlenbergii SC
Yellow Oak

LORANTHACEAE (Mistletoes)

Arceuthobium pusillum SC
Dwarf Mistletoe

POLYGONACEAE (Docks, Knotweeds)

Polygonum puritanorum SC
Pondshore Knotweed

P. setaceum var. interjectum SC
Strigose Knotweed

Rumex pallidus T
Seabeach Dock

CHENOPODIACEAE (Saltworts, Sea-blites)

Suaeda americana SC

AMARANTHACEAE (Amaranths)

Amaranthus pumilus X
Seabeach Amaranth

PORTULACACEAE (Purslanes, Spring Beauties)

Claytonia virginica T
Narrow-leaved Spring Beauty

CARYOPHYLLACEAE (Pinks, Sandworts)

<u>Minuartia stricta</u>	SC
Rock Sandwort	
<u>Moehringia macrophylla</u>	E
Large-leaved Sandwort	
<u>Paronychia argyrocoma</u>	E
var. <u>albimontana</u>	
Silverling	
<u>Sagina nodosa</u> ssp. <u>nodosa</u>	T
Knotted Pearlwort	

RANUNCULACEAE (Buttercups, Crowfoots)

<u>Cimicifuga racemosa</u>	E
Black Cohosh	
<u>Clematis occidentalis</u>	SC
Purple Clematis	
<u>Hydrastis canadensis</u>	E
Golden Seal	
<u>Ranunculus circinatus</u>	X
var. <u>subrigidus</u>	
Stiff White Water-crowfoot	
<u>R. micranthus</u>	T
Tiny-flowered Buttercup	

MAGNOLIACEAE (Magnolias)

<u>Magnolia virginiana</u>	E
Sweetbay Magnolia	

PAPAVERACEAE (Poppies)

<u>Adlumia fungosa</u>	T
Climbing Fumitory	

BRASSICACEAE (Mustards)

<u>Arabis lyrata</u>	T
Lyre-leaved Rock-cress	
<u>Cardamine douglassii</u>	E
Purple Cress	
<u>C. longii</u>	X
Long's Bitter-cress	
<u>Draba reptans</u>	SC
Carolina Whitlow-grass	

PODOSTEMACEAE (Threadfoots)

<u>Podostemum ceratophyllum</u>	SC
Threadfoot	

CRASSULACEAE (Sedums)

<u>Crassula aquatica</u>	T
Pygmyweed	

SAXIFRAGACEAE (Saxifrages, Currants)

<u>Ribes lacustre</u>	SC
Bristly Black Currant	
<u>R. triste</u>	SC
Swamp Red Currant	

ROSACEAE (Roses, Shadbushes)

<u>Agrimonia pubescens</u>	T
Hairy Agrimony	
<u>Amelanchier bartramiana</u>	T
Bartram's Shadbush	
<u>A. nantucketensis</u>	SC
Nantucket Shadbush	
<u>A. sanguinea</u>	SC
Roundleaf Shadbush	
<u>Prunus pumila</u> var. <u>depressa</u>	SC
Sandbar Cherry	
<u>Rosa acicularis</u>	E
Prickly Rose	
<u>Sorbus decora</u>	E
Northern Mountain-ash	
<u>Waldsteinia fragarioides</u>	SC
Barren Strawberry	

FABACEAE (Beans, Peas, Clovers)

<u>Desmodium sessilifolium</u>	X
Sessile-leaved Tick-trefoil	

OXALIDACEAE (Wood-sorrels)

<u>Oxalis violacea</u>	T
Violet Wood-sorrel	

LINACEAE (Flaxes)

<u>Linum intercursum</u>	SC
Sandplain Flax	
<u>L. sulcatum</u>	X
Grooved Flax	

POLYGALACEAE (Milkworts)

<u>Polygala senega</u>	X
Seneca Snakeroot	

CALLITRICHACEAE (Water-starworts)

<u>Callitriche anceps</u>	E
Northern Water-starwort	
<u>C. terrestris</u>	SC
Terrestrial Starwort	

EMPETRACEAE (Crowberries)

<u>Corema conradii</u>	SC
Broom Crowberry	

LIMNANTHACEAE (False Mermaids)

<u>Floerkea proserpinacoides</u>	X
False Mermaid	

AQUIFOLIACEAE (Hollies)

<u>Ilex montana</u>	T
Mountain Winterberry	

ACERACEAE (Maples)

<u>Acer nigrum</u>	SC
Black Maple	

CLUSIACEAE (St. John's-worts)

<u>Hypericum adpressum</u>	T
Creeping St. John's-wort	
<u>H. stragulum</u>	E
St. Andrew's Cross	

CISTACEAE (Rockroses, Frostweeds)

<u>Helianthemum dumosum</u>	SC
Bushy Rockrose	

VIOLACEAE (Violets)

<u>Viola adunca</u>	E
Sand Violet	
<u>V. brittoniana</u>	T
Britton's Violet	
<u>V. nephrophylla</u>	T
Northern Bog Violet	

CACTACEAE (Cacti)

<u>Opuntia humifusa</u>	SC
Prickly Pear	

LYTHRACEAE (Loosestrifes)

<u>Cuphea viscosissima</u>	X
Blue Waxweed	
<u>Rotala ramosior</u>	SC
Toothcup	

MELASTOMATACEAE (Meadow Beauties)

<u>Rhexia mariana</u>	T
Maryland Meadow Beauty	

ONAGRACEAE (Evening Primroses)

<u>Ludwigia polycarpa</u>	T
Many-fruited False-loosestrife	
<u>L. sphaerocarpa</u>	T
Round-fruited False-loosestrife	

HALORAGIDACEAE (Water-milfoils)

<u>Myriophyllum alterniflorum</u>	T
Alternate-flowered Water-milfoil	
<u>M. pinnatum</u>	SC
Pinnate Water-milfoil	

ARALIACEAE (Ginsengs)

<u>Panax quinquefolius</u>	SC
Ginseng	

APIACEAE (Parsleys, Angelicas)

<u>Angelica villosa</u>	X
Hairy Angelica	
<u>Conioselinum chinense</u>	SC
Hemlock Parsley	
<u>Hydrocotyle verticillata</u>	SC
Saltpond Pennywort	

ERICACEAE (Laurels, Blueberries)

<u>Pterospora andromedea</u>	X
Pinedrops	
<u>Pyrola asarifolia</u> var. <u>purpurea</u>	E
Pink Pyrola	
<u>Rhododendron maximum</u>	T
Great Laurel	
<u>Vaccinium vitis-idaea</u> ssp. <u>minus</u>	E
Mountain Cranberry	

GENTIANACEAE (Gentians)

<u>Halenia deflexa</u>	E
Spurred Gentian	
<u>Sabatia campanulata</u>	E
Slender Marsh Pink	
<u>S. kennedyana</u>	SC
Plymouth Gentian	
<u>S. stellaris</u>	E
Sea Pink	

ASCLEPIADACEAE (Milkweeds)

<u>Asclepias verticillata</u>	T
Linear-leaved Milkweed	

HYDROPHYLLACEAE (Waterleafs)

<u>Hydrophyllum canadense</u>	E
Broad Waterleaf	

BORAGINACEAE (Borages)

<u>Cynoglossum boreale</u>	X
Northern Wild Comfrey	
<u>Mertensia maritima</u>	E
Oysterleaf	
<u>Onosmodium virginianum</u>	X
False Gromwell	

VERBENACEAE (Vervains)

<u>Verbena simplex</u>	E
Narrow-leaved Vervain	

LAMIACEAE (Mints)

<u>Agastache scrophulariifolia</u>	X
Purple Giant Hyssop	
<u>Blephilia ciliata</u>	E
Downy Wood-mint	
<u>B. hirsuta</u>	E
Hairy Wood-mint	
<u>Pycnanthemum clinopodioides</u>	E
Basil Mountain-mint	
<u>Scutellaria integrifolia</u>	X
Hyssop Skullcap	
<u>Trichostema brachiatum</u>	T
False Pennyroyal	

SCROPHULARIACEAE (Figworts)

<u>Agalinis acuta</u>	E
Sandplain Gerardia	
<u>Castilleja coccinea</u>	X
Indian Paintbrush	
<u>Mimulus alatus</u>	E
Winged Monkey-flower	
<u>M. moschatus</u>	T
Muskflower	
<u>Pedicularis lanceolata</u>	E
Swamp Lousewort	
<u>Schwalbea americana</u>	X
Chaffseed	
<u>Veronica catenata</u>	SC
Sessile Water-speedwell	
<u>Veronicastrum virginicum</u>	SC
Culver's-root	

LENTIBULARIACEAE (Bladderworts)

<u>Utricularia biflora</u>	T
Two-flowered Bladderwort	
<u>U. fibrosa</u>	E
Fibrous Bladderwort	
<u>U. subulata</u>	SC
Subulate Bladderwort	

RUBIACEAE (Bedstraws, Bluets)

<u>Galium labradoricum</u>	SC
Labrador Bedstraw	

CAPRIFOLIACEAE (Honeysuckles)

<u>Lonicera hirsuta</u>	E
Hairy Honeysuckle	
<u>Symphoricarpos albus</u> var. <u>albus</u>	E
Snowberry	
<u>Viburnum rafinesquianum</u>	T
Downy Arrowwood	

CAMPANULACEAE (Bluebells, Lobelias)

<u>Lobelia siphilitica</u>	SC
Great Blue Lobelia	

ASTERACEAE (Asters, Composites)

<u>Artemisia campestris</u> ssp. <u>borealis</u>	E
Boreal Wormwood	
<u>Aster concolor</u>	E
Eastern Silvery Aster	
<u>A. infirmus</u>	E
Cornel-leaved Aster	
<u>A. prenanthoides</u>	T
Crooked-stem Aster	
<u>A. tradescantii</u>	SC
Tradescant's Aster	
<u>Bidens eatonii</u>	T
Eaton's Beggar-ticks	
<u>B. hyperborea</u> var. <u>colpophila</u>	E
Estuary Beggar-ticks	
<u>Eupatorium aromaticum</u>	SC
Lesser Snakeroot	
<u>E. leucolepis</u> var. <u>novae-angliae</u>	T
New England Boneset	
<u>Gnaphalium purpureum</u>	E
Purple Cudweed	
<u>Petasites frigidus</u> var. <u>palmatus</u>	T
Sweet Coltsfoot	
<u>Sclerolepis uniflora</u>	E
Sclerolepis	
<u>Solidago hispida</u>	SC
Hispid Goldenrod	
<u>S. macrophylla</u>	SC
Large-leaved Goldenrod	
<u>S. ptarmicoides</u>	T
(=Aster p.)	
Upland White Aster	
<u>S. rigida</u>	X
Stiff Goldenrod	
<u>S. spathulata</u> ssp. <u>randii</u>	E
Rand's Goldenrod	

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