

# Species of Greatest Conservation Need and Assessment Need Species



## AMPHIBIANS

Fowler's Toad (*Anaxyrus fowleri*)  
Jefferson/Blue-spotted Salamander Complex (*Ambystoma jeffersonianum*/  
*laterale* complex)  
Marbled Salamander (*Ambystoma opacum*)  
Northern Leopard Frog (*Lithobates pipiens*)

## BIRDS

American Black Duck (*Anas rubripes*)  
American Kestrel (*Falco sparverius*)  
American Pipit (*Anthus rubescens*)  
American Woodcock (*Scolopax minor*)  
Bank Swallow (*Riparia riparia*)  
Bicknell's Thrush (*Catharus bicknelli*)  
Black-bellied Plover (*Pluvialis squatarola*)  
Blue-winged Warbler (*Vermivora cyanoptera*)  
Bobolink (*Dolichonyx oryzivorus*)  
Brown Thrasher (*Toxostoma rufum*)  
Cerulean Warbler (*Setophaga cerulea*)  
Chimney Swift (*Chaetura pelagica*)  
Cliff Swallow (*Petrochelidon pyrrhonota*)  
Common Eider (*Somateria mollissima*)  
Common Loon (*Gavia immer*)  
Common Nighthawk (*Chordeiles minor*)  
Common Tern (*Sterna hirundo*)  
Eastern Meadowlark (*Sturnella magna*)  
Eastern Towhee (*Pipilo erythrophthalmus*)  
Eastern Whip-poor-will (*Antrostomus vociferus*)  
Field Sparrow (*Spizella pusilla*)  
Golden Eagle (Eastern pop.) (*Aquila chrysaetos*)  
Grasshopper Sparrow (*Ammodramus savannarum*)  
Horned Lark (*Eremophila alpestris*)  
Least Bittern (*Ixobrychus exilis*)  
Least Tern (*Sternula antillarum*)  
Lesser Yellowlegs (*Tringa flavipes*)  
Nelson's Sparrow (*Ammodramus nelsoni subvirgata*)  
Northern Harrier (*Circus cyaneus*)  
Pectoral Sandpiper (*Calidris melanotos*)  
Peregrine Falcon (*Falco peregrinus*)  
Pied-billed Grebe (*Podilymbus podiceps*)  
Piping Plover (*Charadrius melodus*)  
Purple Martin (*Progne subis*)  
Purple Sandpiper (*Calidris maritima*)  
Red Knot (*Calidris canutus rufa*)  
Roseate Tern (*Sterna dougallii*)

Ruddy Turnstone (*Arenaria interpres*)  
Ruffed Grouse (*Bonasa umbellus*)  
Rusty Blackbird (*Euphagus carolinus*)  
Saltmarsh Sparrow (*Ammodramus caudacuta*)  
Sanderling (*Calidris alba*)  
Semipalmated Sandpiper (*Calidris pusilla*)  
Short-billed Dowitcher (*Limnodromus griseus*)  
Sora (*Porzana carolina*)  
Upland Sandpiper (*Bartramia longicauda*)  
Vesper Sparrow (*Poocetes gramineus*)  
Whimbrel (*Numenius phaeopus*)  
White-rumped Sandpiper (*Calidris fuscicollis*)  
Willet (*Tringa semipalmata*)  
Wood Thrush (*Hylocichla mustelina*)

## FISH

Alewife (*Alosa pseudoharengus*)  
American Eel (*Anguilla rostrata*)  
American Shad (*Alosa sapidissima*)  
Atlantic Sturgeon (*Acipenser oxyrinchus*)  
Blueback Herring (*Alosa aestivalis*)  
Rainbow Smelt (native pop.) (*Osmerus mordax*)  
Sea Lamprey (*Petromyzon marinus*)  
Shortnose Sturgeon (*Acipenser brevirostrum*)  
American Brook Lamprey (*Lethenteron appendix*)  
Banded Sunfish (*Enneacanthus obesus*)  
Bridle Shiner (*Notropis bifrenatus*)  
Brook Trout (wild pop.) (*Salvelinus fontinalis*)  
Lake Whitefish (*Coregonus clupeaformis*)  
Redfin Pickerel (*Esox americanus*)  
Round Whitefish (*Prosopium cylindraceum*)  
Swamp Darter (*Etheostoma fusiforme*)  
American Sand Lance (*Ammodytes americanus*)  
Atlantic Cod (*Gadus morhua*)  
Atlantic Herring (*Clupea harengus*)  
Winter Flounder (*Pseudopleuronectes americanus*)

## INSECTS

Appalachian Tiger Beetle (*Cicindela ancocisconensis*)  
Cobblestone Tiger Beetle (*Cicindela marginipennis*)  
Margined Tiger Beetle (*Ellipsoptera marginata*)  
Puritan Tiger Beetle (*Ellipsoptera puritana*)  
Lemon Cuckoo Bumble Bee (*Bombus citrinus*)  
Rusty-patched Bumble Bee (*Bombus affinis*)  
Yellow Bumble Bee (*Bombus fervidus*)

Yellow-banded Bumble Bee (*Bombus terricola*)  
Early Hairstreak (*Erora laeta*)  
Edwards' Hairstreak (*Satyrrium edwardsii*)  
Frosted Elfin (*Callophrys irus*)  
Hessel's Hairstreak (*Callophrys hesseli*)  
Karner Blue (*Plebejus samuelis*)  
Monarch (*Danaus plexippus*)  
Persius Duskywing (*Erynnis persius persius*)  
Two-spotted Skipper (*Euphyes bimacula*)  
White Mountain Arctic (*Oeneis melissa semidea*)  
White Mountain Fritillary (*Boloria chariclea montinus*)  
Barrens Itame (*Macaria exonerata*)  
Broad-lined Erastria (*Erastria coloraria*)  
New Jersey Tea Inchworm (*Apodrepanulatrix liberaria*)  
Occult Drasteria Moth (*Drasteria occulta*)  
Pale Pinion (*Lithophane lepidata*)  
Waxed Sallow Moth (*Chaetagnathia cerata*)  
Rapids Clubtail (*Phanogomphus quadricolor*)  
Ringed Boghaunter (*Williamsonia lintneri*)  
Skillet Clubtail (*Gomphurus ventricosus*)

## MAMMALS

American Marten (*Martes americana*)  
Canada Lynx (*Lynx canadensis*)  
Eastern Red Bat (*Lasiurus borealis*)  
Eastern Small-footed Myotis (*Myotis leibii*)  
Eastern Wolf (*Canis lupis*)  
Fin Whale (*Balaenoptera physalus*)  
Hoary Bat (*Lasiurus cinereus*)  
Humpback Whale (*Megaptera novaeangliae*)  
Little Brown Myotis (*Myotis lucifugus*)  
Moose (*Alces alces*)  
New England Cottontail (*Sylvilagus transitionalis*)  
North Atlantic Right Whale (*Eubalaena glacialis*)  
Northern Bog Lemming (*Synaptomys borealis sphagnicola*)  
Northern Long-eared Bat (*Myotis septentrionalis*)  
Silver-haired Bat (*Lasionycteris noctivagans*)  
Tricolored Bat (*Perimyotis subflavus*)

## MARINE INVERTEBRATES

Northern Shrimp (*Pandalus borealis*)  
Atlantic Sea Scallop (*Placopecten magellanicus*)  
Eastern Oyster (*Crassostrea virginica*)  
Horseshoe Crab (*Limulus polyphemus*)  
Soft Shell Clam (*Mya arenaria*)

## FRESHWATER MUSSELS

Alewife Floater (*Anadonta implicata*)  
Brook Floater (*Alasmidonta varicosa*)  
Dwarf Wedgemussel (*Alasmidonta heterodon*)  
Eastern Pearlshell (*Margaritifera margaritifera*)  
Eastern Pondmussel (*Ligumia nasuta*)  
Triangle Floater (*Alasmidonta undulata*)

## REPTILES

Eastern Hog-nosed Snake (*Heterodon platirhinos*)  
Eastern Ribbonsnake (*Thamnophis saurita*)  
Northern Black Racer (*Coluber constrictor constrictor*)  
Smooth Greensnake (*Opheodrys vernalis*)  
Timber Rattlesnake (*Crotalus horridus*)  
Blanding's Turtle (*Emydoidea blandingii*)  
Eastern Box Turtle (*Terrapene carolina*)

Spotted Turtle (*Clemmys guttata*)  
Wood Turtle (*Glyptemys insculpta*)

## Assessment Need Species

### AMPHIBIANS

Mink Frog (*Lithobates septentrionalis*)  
Mudpuppy (*Necturus maculosus*)

### BIRDS

American Goshawk (*Accipiter atricapillus*)  
American Oystercatcher (*Haematopus palliatus*)  
Arctic Tern (*Sterna paradisaea*)  
Barn Swallow (*Hirundo rustica*)  
Bay-breasted Warbler (*Setophaga castanea*)  
Black Scoter (*Melanitta americana*)  
Black-billed Cuckoo (*Coccyzus erythrophthalmus*)  
Blackpoll Warbler (*Setophaga striata*)  
Canada Warbler (*Cardellina canadensis*)  
Cape May Warbler (*Setophaga tigrina*)  
Common Grackle (*Quiscalus quiscula*)  
Eastern Kingbird (*Tyrannus tyrannus*)  
Evening Grosbeak (*Coccothraustes vespertinus*)  
Killdeer (*Charadrius vociferus*)  
Least Flycatcher (*Empidonax minimus*)  
Long-tailed Duck (*Clangula hyemalis*)  
Nashville Warbler (*Leiothlypis ruficapilla*)  
Northern Flicker (*Colaptes auratus*)  
Olive-sided Flycatcher (*Contopus cooperi*)  
Prairie Warbler (*Setophaga discolor*)  
Scarlet Tanager (*Piranga olivacea*)  
Spotted Sandpiper (*Actitis macularius*)  
Spruce Grouse (*Canachites canadensis*)  
Tennessee Warbler (*Leiothlypis peregrina*)  
Tree Swallow (*Tachycineta bicolor*)  
White-throated Sparrow (*Zonotrichia albicollis*)

### CRUSTACEANS

Quinebaug River Crayfish (*Faxonius quinebaugensis*)

### FISH

Blacknose Shiner (*Notropis heterolepis*)  
Burbot (*Lota lota*)  
Finescale Dace (*Chrosomus neogaeus*)  
Lake Chub (*Couesius plumbeus*)  
Lake Trout (native pop.) (*Salvelinus namaycush*)  
Longnose Sucker (*Catostomus catostomus*)  
Northern Redbelly Dace (*Chrosomus eos*)  
Slimy Sculpin (*Cottus cognatus*)  
Barndoor Skate (*Dipturus laevis*)  
Black Sea Bass (*Centropristis striata*)  
Bluefin Tuna (*Thunnus thynnus*)  
Bluefish (*Pomatomus saltatrix*)  
Smooth Skate (*Malacoraja senta*)  
Tautog (*Tautoga onitis*)  
Thorny Skate (*Amblyraja radiata*)  
Winter Skate (*Leucoraja ocellata*)

### INSECTS

A caddisfly (*Theliopsyche grisea*)  
A giant casemaker caddisfly (*Banksiola calva*)



A purse casemaker caddisfly (*Hydroptila blicklei*)  
 Ontario Bizarre Caddisfly (*Lepidostoma ontario*)  
 Pale Trumpet-net Caddisfly (*Cernotina pallida*)  
 Pitch Trumpet-net Caddisfly (*Polycentropus pixi*)  
 Ruth's Long-horned Caddisfly (*Ceraclaea ruthae*)  
 Anomalous Flat-headed Mayfly (*Rhithrogena anomala*)  
 Barton's Spiny Crawler Mayfly (*Eurylophella coxalis*)  
 Brown Flat-headed Mayfly (*Rhithrogena brunneotincta*)  
 Brown's Comb Minnow Mayfly (*Ameletus browni*)  
 Hungry Flat-headed Mayfly (*Rhithrogena jejuna*)  
 Juno's Flat-headed Mayfly (*Leucrocuta juno*)  
 Poconos Chocolate Dun (*Eurylophella poconoensis*)  
 Provancher's Armored Mayfly (*Baetisca rubescens*)  
 Roaring Brook Mayfly (*Epeorus frisoni*)  
 Trinity Comb Minnow Mayfly (*Ameletus tertius*)  
 Gaspé Sallfly (*Utaperla gaspesiana*)  
 Hampshire Needlefly (*Leuctra laura*)  
 Northeastern Needlefly (*Leuctra maria*)  
 Presidential Springfly (*Diura washingtoniana*)  
 A partner plasterer bee (*Colletes consors mesocopus*)  
 Canadian Cuckoo Nomad Bee (*Epeolus canadensis*)  
 Felt's Mason Bee (*Osmia felti*)  
 Fernald's Cuckoo Bumble Bee (*Bombus flavidus appalachiensis*)  
 Indiscriminate Cuckoo Bumble Bee (*Bombus insularis*)  
 Acadian Hairstreak (*Satyrium acadica*)  
 Bog Copper (*Tharsalea epixanthe*)  
 Bog Elfin (*Callophrys lanoraieensis*)  
 Bog Fritillary (*Boloria eunomia*)  
 Bronze Copper (*Tharsalea hyllus*)  
 Cobweb Skipper (*Hesperia metea*)  
 Columbine Duskywing (*Erynnis lucilius*)  
 Common Roadside Skipper (*Amblyscirtes vialis*)  
 Dion Skipper (*Euphyes dion*)  
 Dusted Skipper (*Atrytonopsis hianna*)  
 Harris's Checkerspot (*Chlosyne harrisii*)  
 Hoary Elfin (*Callophrys polios*)  
 Jutta Arctic (*Oeneis jutta*)  
 Laurentian Skipper (*Hesperia comma ssp. laurentian*)  
 Leonard's Skipper (*Hesperia leonardus*)  
 Meadow Fritillary (*Boloria bellona*)  
 Northern Oak Hairstreak (*Satyrium favonius ontario*)  
 Pink-edged Sulphur (*Colias interior*)  
 Silver-bordered Fritillary (*Boloria selene*)  
 Sleepy Duskywing (*Erynnis brizo*)  
 Ash Borer Moth (*Papaipema furcata*)  
 Ash Leaf Cone Roller (*Caloptilia fraxinella*)  
 Ash Sphinx (*Manduca jasminearum*)  
 Aureolaria Seed Borer (*Pyrrhia aurantiago*)  
 Bird Dropping Moth (*Cerma cora*)  
 Blueberry Gray (*Glena cognataria*)  
 Broad Sallow Moth (*Barrens Xylotype*) (*Xylotype capax*)  
 Canadian Sphinx (*Sphinx canadensis*)  
 Fringed Dart Moth (*Eucrotopocnemis fimbriaris*)  
 Fringe-tree Sallow (*Sympistis chionanthi*)  
 Gold-spotted Ghost Moth (*Sthenopis pretiosus*)  
 Great Ash Sphinx Moth (*Sphinx chersis*)  
 Grote's Sallow (*Copivaleria grotei*)  
 Huckleberry Sphinx (*Paonias astylus*)  
 Masked Marvel (*Chytonix sensilis*)  
 New England Buckmoth (*Hemileuca lucina*)  
 Phyllira Tiger Moth (*Grammia phyllira*)  
 Pine Barrens Zanclognatha (*Zanclognatha martha*)  
 Pink Sallow (*Psectraglaea carnosus*)

Pitcher Plant Borer Moth (*Papaipema appassionata*)  
 Pitcher Plant Moth (*Exyra fax*)  
 Plain Schizura (*Schizura apicalis*)  
 Purple Plagodis Moth (*Plagodis kuetzingi*)  
 Slender Clearwing (*Hemaris gracilis*)  
 Spiny Oakworm Moth (*Anisota stigma*)  
 Twilight Moth (*Lycia rachelae*)  
 Waved Sphinx (*Ceratomia undulosa*)  
 Witch Hazel Dagger (*Acronicta hamamelis*)  
 A moth (*Marmara fraxinicola*)  
 Arrowhead Spiketail (*Cordulegaster obliqua*)  
 Brook Snaketail (*Ophiogomphus aspersus*)  
 Coppery Emerald (*Somatochlora georgiana*)  
 Elfin Skimmer (*Nannothemis bella*)  
 Forcipate Emerald (*Somatochlora forcipata*)  
 Incurvate Emerald (*Somatochlora incurvata*)  
 Kennedy's Emerald (*Somatochlora kennedyi*)  
 Little Bluet (*Enallagma minusculum*)  
 New England Bluet (*Enallagma laterale*)  
 Northern Pygmy Clubtail (*Lanthis parvulus*)  
 Ocellated Emerald (*Somatochlora minor*)  
 Pygmy Snaketail (*Ophiogomphus howei*)  
 Riffle Snaketail (*Ophiogomphus carolus*)  
 Ringed Emerald (*Somatochlora albicincta*)  
 Scarlet Bluet (*Enallagma pictum*)  
 Sedge Darner (*Aeshna juncea*)  
 Ski-tipped Emerald (*Somatochlora elongata*)  
 Southern Pygmy Clubtail (*Lanthis vernalis*)  
 Tiger Spiketail (*Cordulegaster erronea*)

## MAMMALS

American Water Shrew (*Sorex palustris*)  
 Big Brown Bat (*Eptesicus fuscus*)  
 Fisher (*Pekania pennanti*) (synonyms *Martes pennanti*)  
 Long-tailed Shrew (*Sorex dispar*)  
 Rock Vole (*Microtus chrotorrhinus*)  
 Snowshoe Hare (*Lepus americanus*)  
 Southern Bog Lemming (*Synaptomys cooperi*)

## MARINE INVERTEBRATES

Blue Crab (*Callinectes sapidus*)  
 Common Seastar (*Asterias forbesi*)  
 Jonah Crab (*Cancer borealis*)  
 American Lobster (*Homarus americanus*)  
 Northern Quahog (*Mercenaria mercenaria*)

## FRESHWATER MUSSELS

Creeper (*Strophitus undulatus*)  
 Yellow Lampmussel (*Lampsilis cariosa*)

## TERRESTRIAL SNAILS

Blunt Ambersnail (*Oxyloma retusum*)  
 Eastern Glass-snail (*Vitrina angelicae*)  
 Ribbed Striate Snail (*Striatura exigua*)  
 Spike-lip Crater Snail (*Appalachina sayana*)



# PLANT SPECIES

## Species of Greatest Conservation Need

Saltmarsh agalinis (*Agalinis maritima* ssp. *maritima*)  
Meadow garlic (*Allium canadense* var. *canadense*)  
Wild chives (*Allium schoenoprasum*)  
Wild hound's-tongue (*Andersonglossum virginianum* ssp. *boreale*)  
Alpine sweet grass (*Anthoxanthum monticola* ssp. *monticola*)  
Hairy eared-rockcress (*Arabis pycnocarpa* var. *pycnocarpa*)  
Alpine bearberry (*Arctous alpina*)  
Dragon's-mouth (*Arethusa bulbosa*)  
Common silverweed (*Argentina anserina*)  
Green-dragon (*Arisaema dracontium*)  
Seaside threeawn (*Aristida tuberculosa*)  
Lance-leaved arnica (*Arnica lanceolata* ssp. *lanceolata*)  
Field wormwood (*Artemisia campestris* ssp. *caudata*)  
Clasping milkweed (*Asclepias amplexicaulis*)  
Four-leaved milkweed (*Asclepias quadrifolia*)  
Butterfly milkweed (*Asclepias tuberosa* ssp. *tuberosa*)  
Alpine milk-vetch (*Astragalus alpinus* var. *brunetianus*)  
Jesup's milk-vetch (*Astragalus robbinsii* var. *jesupii*)  
Downy false foxglove (*Aureolaria virginica*)  
Glandular birch (*Betula glandulosa*)  
Dwarf birch (*Betula minor*)  
Alpine bistort (*Bistorta vivipara*)  
Sicklepod rockcress (*Boechera canadensis*)  
Green rockcress (*Boechera missouriensis*)  
Harsh bluejoint (*Calamagrostis canadensis* var. *langsдорffii*)  
Northern neglected reed grass (*Calamagrostis stricta* ssp. *inexpansa*)  
Upright false bindweed (*Calystegia spithamea* ssp. *spithamea*)  
Alpine bitter-cress (*Cardamine bellidifolia* var. *bellidifolia*)  
Capitate sedge (*Carex arctogena*)  
Scabrous black sedge (*Carex atratiformis*)  
Golden-fruited sedge (*Carex aurea*)  
Bigelow's sedge (*Carex bigelowii* ssp. *bigelowii*)  
Hair-like sedge (*Carex capillaris* ssp. *fuscidula*)  
Elk sedge (*Carex garberi*)  
Blue sedge (*Carex glaucoidea*)  
Limestone-meadow sedge (*Carex granularis*)  
Livid sedge (*Carex livida*)  
Variable sedge (*Carex polymorpha*)  
Reflexed sedge (*Carex retroflexa*)  
Beaked sedge (*Carex rostrata*)  
Scirpus-like sedge (*Carex scirpoidea* ssp. *scirpoidea*)  
Sparse-flowered sedge (*Carex tenuiflora*)  
Northern painted-cup (*Castilleja septentrionalis*)  
Fogg's goosefoot (*Chenopodium foggii*)  
Purple virgin's bower (*Clematis occidentalis* ssp. *occidentalis*)  
Long-leaved redtop-panicgrass (*Coleataenia longifolia* ssp. *longifolia*)  
Fall coral-root (*Corallorhiza odontorhiza* var. *odontorhiza*)  
Slender rock-brake (*Cryptogramma stelleri*)  
Buttonbush dodder (*Cuscuta cephalanthi*)  
Gray's umbrella sedge (*Cyperus grayi*)  
Houghton's umbrella sedge (*Cyperus houghtonii*)  
Small-flowered dwarf-bulrush (*Cyperus subsquarrosus*)  
Ram's-head lady's-slipper (*Cypripedium arietinum*)  
Greater yellow lady's-slipper (*Cypripedium parviflorum* var. *makasin*)  
Showy lady's-slipper (*Cypripedium reginae*)  
Smooth small-leaved tick-trefoil (*Desmodium marilandicum*)  
Round-leaved trailing tick-trefoil (*Desmodium rotundifolium*)

Diapensia (*Diapensia lapponica* ssp. *lapponica*)  
Round-fruited rosette-panicgrass (*Dichantherium sphaerocarpon*)  
Sitka ground-cedar (*Diphasiastrum sitchense*)  
Canescent whitlow-mustard (*Draba cana*)  
Male wood fern (*Dryopteris filix-mas* ssp. *brittonii*)  
Wright's spikeseedge (*Eleocharis diandra*)  
Red-footed spikeseedge (*Eleocharis erythropoda*)  
Hornemann's willow-herb (*Epilobium hornemannii* ssp. *hornemannii*)  
Musky monkey-flower (*Erythranthe moschata*)  
Hairy thoroughwort (*Eupatorium pubescens*)  
Seaside sandmat (*Euphorbia polygonifolia*)  
Oakes' eyebright (*Euphrasia oakesii*)  
Williams' eyebright (*Euphrasia williamsii*)  
Proliferous fescue (*Festuca prolifera*)  
Showy orchid (*Galearis spectabilis*)  
Hairy bedstraw (*Galium pilosum* var. *pilosum*)  
Stiff dwarf-gentian (*Gentianella quinquefolia* ssp. *quinquefolia*)  
White Mountain avens (*Geum peckii*)  
American spurred-gentian (*Halenia deflexa* ssp. *deflexa*)  
Moss-plant (*Harrimanella hypnoides*)  
Swamp rose-mallow (*Hibiscus moscheutos* ssp. *moscheutos*)  
Robinson's hawkweed (*Hieracium robinsonii*)  
Narrow-leaved hawkweed (*Hieracium umbellatum*)  
Narrow-leaved glade fern (*Homalosorus pycnocarpus*)  
Long-leaved bluet (*Houstonia longifolia*)  
Golden heather (*Hudsonia ericoides*)  
Hairy hudsonia (*Hudsonia tomentosa*)  
Mountain firmoss (*Huperzia appressa*)  
Great St. John's-wort (*Hypericum ascyron* ssp. *pyramidatum*)  
Common star-grass (*Hypoxis hirsuta*)  
Small whorled pogonia (*Isotria medeoloides*)  
Large whorled pogonia (*Isotria verticillata*)  
Marsh elder (*Iva frutescens*)  
Lopsided rush (*Juncus secundus*)  
Moor rush (*Juncus stygius* ssp. *americanus*)  
Creeping juniper (*Juniperus horizontalis*)  
Alpine-azalea (*Kalmia procumbens*)  
Narrow-leaved pinweed (*Lechea tenuifolia*)  
Trailing bush-clover (*Lespedeza procumbens*)  
Slender bush-clover (*Lespedeza virginica*)  
Northern blazing star (*Liatris novae-angliae* var. *novae-angliae*)  
Eastern grasswort (*Lilaeopsis chinensis*)  
Slender blue iris (*Limniris prismatica*)  
Brook lobelia (*Lobelia kalmii*)  
Wild lupine (*Lupinus perennis* ssp. *perennis*)  
Northern wood rush (*Luzula confusa*)  
Spiked wood rush (*Luzula spicata*)  
Foxtail bog-clubmoss (*Lycopodiella alopecuroides*)  
American climbing fern (*Lygodium palmatum*)  
Rock muhly (*Muhlenbergia sobolifera*)  
Boott's rattlesnake-root (*Nabalus boottii*)  
Lion's-foot rattlesnake-root (*Nabalus serpentarius*)  
Auricled twayblade (*Neottia auriculata*)  
White flat-topped-goldenrod (*Oligoneuron album*)  
Alpine arctic-cudweed (*Omalotheca supina*)  
Northern adder's-tongue fern (*Ophioglossum pusillum*)  
Red goosefoot (*Oxybasis rubra* var. *rubra*)  
Mountain-sorrel (*Oxyria digyna*)  
Balsam groundsel (*Packera paupercula*)  
American ginseng (*Panax quinquefolius*)  
Fen grass-of-Parnassus (*Parnassia glauca*)  
Silverling (*Paronychia argyrocoma*)  
Smooth forked whitlow-wort (*Paronychia canadensis*)



Stout dotted smartweed (*Persicaria robustior*)  
 Mountain Timothy (*Phleum alpinum* ssp. *alpinum*)  
 American reed (*Phragmites americanus*)  
 Purple mountain-heath (*Phyllodoce caerulea*)  
 Violet butterwort (*Pinguicula vulgaris* ssp. *vulgaris*)  
 Canada mountain-rice grass (*Piptatheropsis canadensis*)  
 Black-seeded spear grass (*Piptochaetium avenaceum*)  
 Sweet-scented camphorweed (*Pluchea odorata* var. *succulenta*)  
 Glaucous blue grass (*Poa glauca* ssp. *glauca*)  
 Wavy blue grass (*Poa laxa* ssp. *fernaldiana*)  
 Alpine Kentucky blue grass (*Poa pratensis* ssp. *alpigena*)  
 Prolific yellow-flowered knotweed (*Polygonum ramosissimum* ssp. *prolificum*)  
 Slender knotweed (*Polygonum tenue*)  
 Budding pondweed (*Potamogeton gemmiparus*)  
 Vasey's pondweed (*Potamogeton vaseyi*)  
 Robbins' cinquefoil (*Potentilla robbinsiana*)  
 Pine-drops (*Pterospora andromedea*)  
 Tundra alkali grass (*Puccinellia pumila*)  
 Hoary mountain-mint (*Pycnanthemum incanum* var. *incanum*)  
 Torrey's mountain-mint (*Pycnanthemum torrei*)  
 Early crowfoot (*Ranunculus fascicularis*)  
 Greenland little yellow-rattle (*Rhinanthus minor* ssp. *groenlandicus*)  
 Lapland rosebay (*Rhododendron lapponicum*)  
 Needle beaksedge (*Rhynchospora capillacea*)  
 Bristly rose (*Rosa acicularis* ssp. *sayi*)  
 Baked apple berry (*Rubus chamaemorus*)  
 Sand blackberry (*Rubus cuneifolius*)  
 Seabeach dock (*Rumex pallidus*)  
 Spongy-leaved arrowhead (*Sagittaria spatulata*)  
 Quill-leaved arrowhead (*Sagittaria teres*)  
 Perennial glasswort (*Salicornia ambigua*)  
 Dwarf glasswort (*Salicornia bigelovii*)  
 Labrador willow (*Salix argyrocarpa*)  
 Sandbar willow (*Salix exigua* ssp. *interior*)  
 Snow-bed willow (*Salix herbacea*)  
 Tea-leaved willow (*Salix planifolia* ssp. *planifolia*)  
 Bearberry willow (*Salix uva-ursi*)  
 Seaside brookweed (*Samolus parviflorus*)  
 Nodding saxifrage (*Saxifraga cernua*)  
 White Mountain saxifrage (*Saxifraga paniculata* ssp. *paniculata*)  
 Alpine-brook saxifrage (*Saxifraga rivularis* ssp. *rivularis*)  
 Northeastern bulrush (*Scirpus ancistrochaetus*)  
 Georgia bulrush (*Scirpus georgianus*)  
 Long's bulrush (*Scirpus longii*)  
 Rufous bulrush (*Scirpus pendulus*)  
 Few-flowered nutsedge (*Scleria pauciflora* var. *pauciflora*)  
 Netted nutsedge (*Scleria reticularis*)  
 Sclerolepis (*Sclerolepis uniflora*)  
 Narrow-leaved white-topped-aster (*Sericocarpus linifolius*)  
 Sibbaldia (*Sibbaldia procumbens*)  
 Moss campion (*Silene acaulis*)  
 Showy goldenrod (*Solidago speciosa* var. *speciosa*)  
 Case's ladies'-tresses (*Spiranthes casei* var. *casei*)  
 Shining ladies'-tresses (*Spiranthes lucida*)  
 Sand dropseed (*Sporobolus cryptandrus*)  
 Rich's herbaceous sea-blite (*Suaeda maritima* ssp. *richii*)  
 Late purple American-aster (*Symphotrichum patens* var. *patens*)  
 Perennial saltmarsh American-aster (*Symphotrichum tenuifolium* var. *tenuifolium*)  
 Wild goat's-rue (*Tephrosia virginiana*)  
 Waxy-leaved meadow-rue (*Thalictrum revolutum*)  
 Anemone meadow-rue (*Thalictrum thalictroides*)  
 Sticky false asphodel (*Triantha glutinosa*)

Bashful clubsedge (*Trichophorum planifolium*)  
 Orange-fruited horse-gentian (*Triosteum aurantiacum* var. *aurantiacum*)  
 Three-birds orchid (*Triphora trianthophoros* ssp. *trianthophoros*)  
 Perfoliate bellwort (*Uvularia perfoliata*)  
 Northern blueberry (*Vaccinium boreale*)  
 Dwarf blueberry (*Vaccinium cespitosum*)  
 Arctic hair grass (*Vahlodea atropurpurea*)  
 American alpine speedwell (*Veronica wormskjoldii* var. *wormskjoldii*)  
 Squashberry (*Viburnum edule*)  
 Downy arrowwood (*Viburnum rafinesquianum* var. *rafinesquianum*)  
 Palmate violet (*Viola palmata* var. *palmata*)  
 Northern marsh violet (*Viola palustris* var. *palustris*)  
 Bird-foot violet (*Viola pedata* var. *pedata*)  
 Eight-flowered six-weeks grass (*Vulpia octoflora* var. *tenella*)  
 Smooth cliff fern (*Woodsia glabella*)  
 Blunt-lobed cliff fern (*Woodsia obtusa* ssp. *obtusa*)  
 Netted chain fern (*Woodwardia areolata*)  
 Horned-pondweed (*Zannichellia palustris*)

## Assessment Need Species

Black maple (*Acer nigrum*)  
 Allegheny-vine (*Adlumia fungosa*)  
 Round-leaved orchid (*Amerorchis rotundifolia*)  
 Purple milkweed (*Asclepias purpurascens*)  
 Walking spleenwort (*Asplenium rhizophyllum*)  
 Purple screwstem (*Bartonia iodandra*)  
 Twining screwstem (*Bartonia paniculata*)  
 River birch (*Betula nigra*)  
 Bog birch (*Betula pumila*)  
 Beck's water-marigold (*Bidens beckii*)  
 Northern beggar-ticks (*Bidens hyperborea*)  
 Smooth beggar-ticks (*Bidens laevis*)  
 Smooth rockcress (*Boechera laevigata*)  
 Southern short husk grass (*Brachyelytrum erectum*)  
 Kalm's brome (*Bromus kalmii*)  
 Hairy wood brome (*Bromus pubescens*)  
 Macoun's bluejoint (*Calamagrostis canadensis* var. *macouniana*)  
 Nuttall's reed grass (*Calamagrostis coarctata*)  
 Neglected reed grass (*Calamagrostis stricta* ssp. *stricta*)  
 Fairy-slipper (*Calypso bulbosa* ssp. *americana*)  
 Bulbous bitter-cress (*Cardamine bulbosa*)  
 Cut-leaved toothwort (*Cardamine concatenata*)  
 Long's bitter-cress (*Cardamine longii*)  
 Large toothwort (*Cardamine maxima*)  
 Swarthy sedge (*Carex adusta*)  
 Summer sedge (*Carex aestivalis*)  
 Broad-winged sedge (*Carex alata*)  
 White bear sedge (*Carex albursina*)  
 Back's sedge (*Carex backii*)  
 Bailey's sedge (*Carex baileyi*)  
 Bicknell's sedge (*Carex bicknellii*)  
 Button sedge (*Carex bullata*)  
 Brown bog sedge (*Carex buxbaumii*)  
 Chestnut sedge (*Carex castanea*)  
 Thin-leaved sedge (*Carex cephaloidea*)  
 Rope-root sedge (*Carex chordorrhiza*)  
 Crested sedge (*Carex cristatella*)  
 Clustered sedge (*Carex cumulata*)  
 Lesser tussock sedge (*Carex diandra*)  
 Bristle-leaved sedge (*Carex eburnea*)  
 Meager sedge (*Carex exilis*)



Fescue sedge (*Carex festucacea*)  
 Hitchcock's sedge (*Carex hitchcockiana*)  
 Troublesome sedge (*Carex molesta*)  
 Smooth black sedge (*Carex nigra*)  
 Weak stellate sedge (*Carex seorsa*)  
 Dry land sedge (*Carex siccata*)  
 Bur-reed sedge (*Carex sparganoides*)  
 Walter's sedge (*Carex striata*)  
 Hairy-fruited sedge (*Carex trichocarpa*)  
 Parasol sedge (*Carex umbellata*)  
 Wiegand's sedge (*Carex wiegandii*)  
 Early blue cohosh (*Caulophyllum giganteum*)  
 American bittersweet (*Celastrus scandens*)  
 Long-spined sandbur (*Cenchrus longispinus*)  
 Macoun's pincerwort (*Cephalozia macounii*)  
 Yellow thistle (*Cirsium horridulum* var. *horridulum*)  
 Northern horsebalm (*Collinsonia canadensis*)  
 Golden corydalis (*Corydalis aurea*)  
 Pygmy-weed (*Crassula aquatica*)  
 Faxon's hawthorn (*Crataegus faxonii*)  
 Oakes' hawthorn (*Crataegus oakesiana*)  
 Poplar hawthorn (*Crataegus populnea*)  
 Appalachian bristle fern (*Crepidomanes intricatum*)  
 Arrow-head rattlebox (*Crotalaria sagittalis*)  
 Red-root umbrella sedge (*Cyperus erythrorhizos*)  
 Fragrant umbrella sedge (*Cyperus odoratus*)  
 Incurved umbrella sedge (*Cyperus squarrosus*)  
 Large yellow lady's-slipper (*Cypripedium parviflorum* var. *pubescens*)  
 Large-bracted tick-trefoil (*Desmodium cuspidatum*)  
 Stiff tick-trefoil (*Desmodium obtusum*)  
 Slender crabgrass (*Digitaria filiformis* var. *filiformis*)  
 Salt-meadow beetle grass (*Diplachne maritima*)  
 Fragrant wood fern (*Dryopteris fragrans*)  
 Coast barnyard grass (*Echinochloa walteri*)  
 American waterwort (*Elatine americana*)  
 Mudflat spikesedge (*Eleocharis intermedia*)  
 Quill spikesedge (*Eleocharis nitida*)  
 Pease's blunt spikesedge (*Eleocharis obtusa* var. *peasei*)  
 Ovoid spikesedge (*Eleocharis ovata*)  
 Few-flowered spikesedge (*Eleocharis quinqueflora* ssp. *fernaldii*)  
 Long-tuberclad spikesedge (*Eleocharis tuberculosa*)  
 Early wild-rye (*Elymus macgregorii*)  
 Pimpernel willow-herb (*Epilobium anagallidifolium*)  
 White-flowered willow-herb (*Epilobium lactiflorum*)  
 Marsh horsetail (*Equisetum palustre*)  
 Sandbar lovegrass (*Eragrostis frankii*)  
 Teel lovegrass (*Eragrostis hypnoides*)  
 Tall cottonsedge (*Eriophorum angustifolium* ssp. *angustifolium*)  
 Upland thoroughwort (*Eupatorium sessilifolium*)  
 Hollow Joe-Pye weed (*Eutrochium fistulosum*)  
 Selwyn's scalewort (*Frullania selwyniana*)  
 Limestone swamp bedstraw (*Galium brevipes*)  
 Blunt-leaved bedstraw (*Galium obtusum* ssp. *obtusum*)  
 Dwarf huckleberry (*Gaylussacia bigeloviana*)  
 Greater fringed-gentian (*Gentianopsis crinita*)  
 False toadflax (*Geocaulon lividum*)  
 Carolina crane's-bill (*Geranium carolinianum*)  
 Appalachian barren-strawberry (*Geum fragarioides*)  
 Sharp-flowered mannagrass (*Glyceria acutiflora*)  
 Floating mannagrass (*Glyceria septentrionalis* var. *septentrionalis*)  
 Graphephorum (*Graphephorum melicoides*)  
 Nodding stickseed (*Hackelia deflexa* ssp. *americana*)  
 Grass-leaved mud-plantain (*Heteranthera dubia*)  
 Common mare's-tail (*Hippuris vulgaris*)  
 American featherfoil (*Hottonia inflata*)  
 Eastern waterleaf (*Hydrophyllum virginianum*)  
 Large brook moss (*Hygrohypnum subeugyrium*)  
 Evergreen winterberry (*Ilex glabra*)  
 Acadian quillwort (*Isoetes acadensis*)  
 Engelmann's quillwort (*Isoetes engelmannii*)  
 Lake quillwort (*Isoetes lacustris*)  
 Northern shore quillwort (*Isoetes septentrionalis*)  
 Small-headed rush (*Juncus brachycephalus*)  
 Forked rush (*Juncus dichotomus*)  
 Ivy-leaved duckweed (*Lemna trisulca*)  
 Pale duckweed (*Lemna valdiviana*)  
 American lyme grass (*Leymus mollis* ssp. *mollis*)  
 Turk's-cap lily (*Lilium superbum*)  
 Atlantic mudwort (*Limosella australis*)  
 Unpretentious yellow-seeded false pimpernel (*Lindernia dubia* var. *anagallidea*)  
 Grooved yellow flax (*Linum sulcatum* var. *sulcatum*)  
 Loesel's wide-lipped orchid (*Liparis loeselii*)  
 Swamp honeysuckle (*Lonicera oblongifolia*)  
 Appressed bog-clubmoss (*Lycopodiella appressa*)  
 Tufted yellow-loosestrife (*Lysimachia thyrsoiflora*)  
 White adder's-mouth (*Malaxis monophyllos* ssp. *brachypoda*)  
 A liverwort (*Marsupella aquatica*)  
 Canada moonseed (*Menispermum canadense*)  
 Climbing hempsvine (*Mikania scandens*)  
 Appalachian sandplant (*Mononeuria glabra*)  
 Slender muhly (*Muhlenbergia tenuiflora*)  
 Broad-leaved twayblade (*Neottia convallarioides*)  
 Heart-leaved twayblade (*Neottia cordata*)  
 Small-leaved pond-lily (*Nuphar microphylla*)  
 Mountain sweet-cicely (*Osmorhiza berteroi*)  
 Running groundsel (*Packera obovata*)  
 Philadelphia panicgrass (*Panicum philadelphicum* ssp. *philadelphicum*)  
 Purple cliff-brake (*Pellaea atropurpurea*)  
 Northern sweet-coltfoot (*Petasites frigidus* var. *palmatum*)  
 Lesser clearweed (*Pilea fontana*)  
 Jack pine (*Pinus banksiana*)  
 A liverwort (*Plagiochila austinii*)  
 Northern tuberclad bog-orchid (*Platanthera flava* var. *herbiola*)  
 Drum-heads milkwort (*Polygala cruciata* ssp. *aquilonia*)  
 Douglas' knotweed (*Polygonum douglasii*)  
 Upright knotweed (*Polygonum erectum*)  
 Reddish pondweed (*Potamogeton alpinus*)  
 Leafy pondweed (*Potamogeton foliosus* ssp. *foliosus*)  
 Long-leaved pondweed (*Potamogeton nodosus*)  
 Blunt-leaved pondweed (*Potamogeton obtusifolius*)  
 White-stemmed pondweed (*Potamogeton praelongus*)  
 Richardson's pondweed (*Potamogeton richardsonii*)  
 Flat-stem pondweed (*Potamogeton zosteriformis*)  
 Coast cinquefoil (*Potentilla litoralis*)  
 Comb-leaved mermaid-weed (*Proserpinaca pectinata*)  
 Weatherby's rabbit-tobacco (*Pseudognaphalium micradenium*)  
 Virginia mountain-mint (*Pycnanthemum virginianum*)  
 Pink shinleaf (*Pyrola asarifolia* ssp. *asarifolia*)  
 Water-plantain crowfoot (*Ranunculus ambiguens*)  
 Giant rhododendron (*Rhododendron maximum*)  
 Toothcup (*Rotala ramosior*)  
 Michaux's sandplant (*Sabulina michauxii*)  
 Boreal knotted pearlwort (*Sagina nodosa* ssp. *borealis*)  
 Northern arrowhead (*Sagittaria cuneata*)  
 Narrow-leaved arrowhead (*Sagittaria filiformis*)  
 Sessile-fruited arrowhead (*Sagittaria rigida*)



Satiny willow (*Salix pellita*)  
Canada sanicle (*Sanicula canadensis* var. *canadensis*)  
Clustered sanicle (*Sanicula odorata*)  
Large-fruited sanicle (*Sanicula trifoliata*)  
Goblin's gold (*Schistostega pennata*)  
Leafy bulrush (*Scirpus polyphyllus*)  
Wild campion (*Silene caroliniana* ssp. *pennsylvanica*)  
Needle-tipped blue-eyed-grass (*Sisyrinchium mucronatum*)  
Branched bur-reed (*Sparganium androcladum*)  
Great bur-reed (*Sparganium eurycarpum*)  
Arctic bur-reed (*Sparganium natans*)  
Peat moss (*Sphagnum andersonianum*)  
Peat moss (*Sphagnum angermanicum*)  
Peat moss (*Sphagnum brevifolium*)  
Peat moss (*Sphagnum contortum*)  
Peat moss (*Sphagnum flavicomans*)  
Peat moss (*Sphagnum lindbergii*)  
Peat moss (*Sphagnum majus* ssp. *norvegicum*)  
Peat moss (*Sphagnum pylaesii*)  
Peat moss (*Sphagnum riparium*)  
Peat moss (*Sphagnum subfulvum*)  
Peat moss (*Sphagnum wulfianum*)  
Prairie wedgescale (*Sphenopholis obtusata*)  
Small dropseed (*Sporobolus neglectus*)  
American bladdernut (*Staphylea trifolia*)  
Thread-leaved false pondweed (*Stuckenia filiformis*)  
Sago false pondweed (*Stuckenia pectinata*)  
American water-awlwort (*Subularia aquatica* ssp. *americana*)  
Lindley's American-aster (*Symphotrichum ciliolatum*)  
Purple sandgrass (*Triplasis purpurea* var. *purpurea*)  
Resupinate bladderwort (*Utricularia resupinata*)  
Large-flowered bellwort (*Uvularia grandiflora*)  
Marsh valerian (*Valeriana uliginosa*)  
Northern bog violet (*Viola nephrophylla*)  
Long-spurred violet (*Viola rostrata*)  
Common prickly-ash (*Zanthoxylum americanum*)

