

PART V: LISTS, DESIGNATED SIGNIFICANT HABITATS

10.90: List of Endangered, Threatened, and Special Concern Species

(1) Introduction. The list in 321 CMR 10.90 contains the names of all species of plants and animals which have been determined to be Endangered, Threatened, or of Special Concern pursuant to M.G.L. c. 131A and 321 CMR 10.03.

(2) List Format. The columns entitled "Common Name" and "Scientific Name" define the species listed. In the "Status" columns the following symbols are used: "E" for Endangered, "T" for Threatened, and "SC" for Special Concern. The status defined under the "MA" column denotes the official status of the species in Massachusetts pursuant to M.G.L. c.131A and 321 CMR 10.00. The status under the "US" column is the status of the species under the federal Endangered Species Act at the time of the latest revision of 321 CMR 10.00 and is given for informational purposes only. Recent changes in the federal list might not be reflected on this list. The U.S. Fish and Wildlife Service should be consulted for official and up to date information on the federal status of any species. Inquiries may be made by writing to U.S. Fish and Wildlife Service, ~~400 Ralph Hill Marketplace, 22 Bridge Street, Concord, NH 03301-4901~~ **70 Commercial Street, Suite 300, Concord, NH 03301-5087**. The "Taxonomic Family/Taxonomic Group" column of the list is included for the purpose of organization. The "Notes" column directs the reader to footnotes which further define or clarify the status of a species or alternative names of species.

(3) Organization of the List. The list is generally organized according to the relationship of the listed species as determined by the science of taxonomy, which groups and categorizes species that are similar on the basis of shared evolutionary descent. The most basic division in the list is between animals and plants. Within animals the list is divided between vertebrates (animals with backbones) and invertebrates (animals without backbones). Within vertebrates, invertebrates, and plants the list is further divided into categories which are generally recognized, such as fish, mammals, dragonflies, and violets. All such information has no regulatory effect and is provided only for the purpose of organizing the list. The following outline shows the taxonomic categories used and their order. A species name index is provided after the list at 321 CMR 10.91 to assist the reader in finding species on the list.

Outline of State List:

ANIMALS

Vertebrates

Fish

Amphibians

Reptiles

Birds

Mammals

Invertebrates

Sponges

Flatworms

Moss Animals

Segmented Worms

Snails

Mussels

Crustaceans

Dragonflies

Damselflies

Beetles

Butterflies and Moths

PLANTS

Aceraceae (Maples)

Adiantaceae (Cliff Ferns)...

through...(alphabetically by scientific family name)

Verbenaceae (Vervains)

Violaceae (Violets)

(4) The List. The Massachusetts List of Endangered, Threatened, and Special Concern species follows:

Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Status

Common Name Scientific Name MA US Notes

VERTEBRATES:

Fish

American Brook Lamprey *Lampetra* appendix T

Shortnose Sturgeon *Acipenser brevirostrum* E E

Atlantic Sturgeon *Acipenser oxyrhynchus* E

Lake Chub *Couesius plumbeus* E

Eastern Silvery Minnow *Hybognathus regius* SC
Bridle Shiner *Notropis bifrenatus* SC
Northern Redbelly Dace *Phoxinus eos* E
Longnose Sucker *Catostomus catostomus* SC
Burbot *Lota lota* SC
Threespine Stickleback *Gasterosteus aculeatus* T 1

Amphibians

Jefferson Salamander *Ambystoma jeffersonianum* SC 2
Blue spotted Salamander *Ambystoma laterale* SC 3
Marbled Salamander *Ambystoma opacum* T
~~Four-toed Salamander *Hemidactylium scutatum* SC~~
Eastern Spadefoot *Scaphiopus holbrookii* T

Reptiles

Loggerhead Seaturtle *Caretta caretta* T T
Green Seaturtle *Chelonia mydas* T T
Hawksbill Seaturtle *Eretmochelys imbricata* E E
Kemp's's Ridley Seaturtle *Lepidochelys kempii* E E
Leatherback Seaturtle *Dermochelys coriacea* E E
Wood Turtle *Glyptemys insculpta* SC
Bog Turtle *Glyptemys muhlenbergii* E T
Blanding's Turtle *Emydoidea blandingii* T
~~Diamondback~~ **Diamond-backed** Terrapin *Malaclemys terrapin* T
Northern Red-bellied Cooter *Pseudemys rubriventris* E E 4
Eastern Box Turtle *Terrapene carolina* SC
Eastern Wormsnake *Carphophis amoenus* T
Eastern Ratsnake ~~*Elaphe obsoleta*~~ ***Patherophis alleghaniensis*** E
Copperhead *Agkistrodon contortrix* E
Timber Rattlesnake *Crotalus horridus* E

1 Trimorphic freshwater population only.

2 Including triploid and other polyploid forms within the *Ambystoma jeffersonianum*/*Ambystoma laterale* complex.

3 Ditto.

4 This species is listed by the U.S. Fish & Wildlife Service as P.r. bangsi (Plymouth Redbelly Turtle) in 50 CFR 17.11.

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Massachusetts List of Endangered, Threatened, and Special Concern
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ANIMALS

Taxonomic Group Status

Common Name Scientific Name MA US Notes

VERTEBRATES: continued

Birds

Common Loon *Gavia immer* SC
Pied billed Grebe *Podilymbus podiceps* E
Leach's Storm petrel *Oceanodroma leucorhoa* E
American Bittern *Botaurus lentiginosus* E
Least Bittern *Ixobrychus exilis* E
Bald Eagle *Haliaeetus leucocephalus* E †
Northern Harrier *Circus cyaneus* T
Sharp shinned Hawk *Accipiter striatus* SC
Peregrine Falcon *Falco peregrinus* E
King Rail *Rallus elegans* T
Common Moorhen *Gallinula chloropus* SC
Piping Plover *Charadrius melodus* T T
Upland Sandpiper *Bartramia longicauda* E
Roseate Tern *Sterna dougallii* E E
Common Tern *Sterna hirundo* SC
Arctic Tern *Sterna paradisaea* SC
Least Tern ~~*Sterna*~~ ***Sternula*** *antillarum* SC
Barn Owl *Tyto alba* SC
Long eared Owl *Asio otus* SC
Short eared Owl *Asio flammeus* E
Sedge Wren *Cistothorus platensis* E
Golden winged Warbler *Vermivora chrysoptera* E
Northern Parula *Parula americana* T
Blackpoll Warbler *Dendroica striata* SC
Mourning Warbler *Oporornis philadelphia* SC
Vesper Sparrow *Poocetes gramineus* T
Grasshopper Sparrow *Ammodramus savannarum* T
Henslow's Sparrow *Ammodramus henslowii* E

Mammals

Water Shrew *Sorex palustris* SC
Rock Shrew *Sorex dispar* SC
Indiana Myotis *Myotis sodalis* E E
Small footed Myotis *Myotis leibii* SC
Southern Bog Lemming *Synaptomys cooperi* SC

Sperm Whale *Physeter catodon* E E
Fin Whale *Balaenoptera physalus* E E
Sei Whale *Balaenoptera borealis* E E
Blue Whale *Balaenoptera musculus* E E
Humpback Whale *Megaptera novaeangliae* E E
Northern Right Whale *Eubalaena glacialis* E E

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INVERTEBRATES

Sponges

Smooth Branched Sponge *Spongilla aspinosa* SC

Flatworms

Sunderland Spring Planarian *Polycelis remota* E

Segmented Worms

New England Medicinal Leech *Macrobdella sestertia* SC

Snails

~~New England Siltsnail *Cincinnatia winkleyi* SC~~

Walker's Limpet *Ferrissia walkeri* SC

New England Siltsnail *Floridobia winkleyi* SC

Coastal Marsh Snail *Littoridinops tenuipes* SC

Slender Walker *Pomatiopsis lapidaria* E

Boreal Marstonia *Marstonia lustrica* E

Boreal Turret Snail *Valvata sincera* E

Mussels

Dwarf Wedgemussel *Alasmidonta heterodon* E E

Triangle Floater *Alasmidonta undulata* SC

Swollen Wedgemussel *Alasmidonta varicosa* E

Yellow Lampmussel *Lampsilis cariosa* E

Tidewater Mucket *Leptodea ochracea* SC

Eastern Pondmussel *Ligumia nasuta* SC
Creeper *Strophitus undulatus* SC

Crustaceans

Intricate Fairy Shrimp *Eubbranchipus intricatus* SC
Agassiz's Clam Shrimp *Eulimnadia agassizii* E
Northern Spring Amphipod *Gammarus pseudolimnaeus* SC
American Clam Shrimp *Limnadia lenticularis* SC
Taconic Cave Amphipod *Stygobromus borealis* E
Piedmont Groundwater
Amphipod *Stygobromus tenuis tenuis* SC
Coastal Swamp Amphipod *Synurella chamberlaini* SC

Dragonflies

~~Spatterdock Darner *Aeshna mutata* SC~~
Subarctic Darner *Aeshna subarctica* T
Comet Darner *Anax longipes* SC
Ocellated Darner *Boyeria grafiana* SC
Spine crowned Clubtail *Gomphus abbreviatus* E
Harpoon Clubtail *Gomphus descriptus* E
Spatterdock Darner *Rhionaeschna mutata* SC

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Taxonomic Group Status

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INVERTEBRATES: continued

Dragonflies: continued

Midland Clubtail *Gomphus fraternus* E
Rapids Clubtail *Gomphus quadricolor* T
Cobra Clubtail *Gomphus vastus* SC
Skillet Clubtail *Gomphus ventricosus* SC
Umber Shadowdragon *Neurocordulia obsoleta* SC
Stygian Shadowdragon *Neurocordulia yamaskanensis* SC
Brook Snaketail *Ophiogomphus aspersus* SC
Riffle Snaketail *Ophiogomphus carolus* T
~~Ski-tailed~~ **tipped** Emerald *Somatochlora elongata* SC
Forcipate Emerald *Somatochlora forcipata* SC
Coppery Emerald *Somatochlora georgiana* E

Incurvate Emerald *Somatochlora incurvata* T
Kennedy's Emerald *Somatochlora kennedyi* E
Mocha Emerald *Somatochlora linearis* SC
Riverine Clubtail *Stylurus amnicola* E
Zebra Clubtail *Stylurus scudderii* E **SC**
Arrow Clubtail *Stylurus spiniceps* T
Ebony Boghaunter *Williamsonia fletcheri* E
Ringed Boghaunter *Williamsonia lintneri* E

Damselflies

Tule Bluet *Enallagma carunculatum* SC
Attenuated Bluet *Enallagma daeckii* SC
New England Bluet *Enallagma laterale* SC
Scarlet Bluet *Enallagma pictum* T
Pine Barrens Bluet *Enallagma recurvatum* T

Beetles

Twelve spotted Tiger Beetle *Cicindela duodecimguttata* SC
Hentz's Redbelly Tiger Beetle *Cicindela rufiventris hentzii* T
Northeastern Beach Tiger
Beetle *Cicindela dorsalis dorsalis* E T
Bank Tiger Beetle *Cicindela limbalis* SC
Cobblestone Tiger Beetle *Cicindela marginipennis* E
Barrens Tiger Beetle *Cicindela patruela* E
Puritan Tiger Beetle *Cicindela puritana* E T
Purple Tiger Beetle *Cicindela purpurea* SC
American Burying Beetle *Nicrophorus americanus* E E

Butterflies and Moths

Coastal Heathland Cutworm *Abagrotis nefascia* SC
Barrens Daggermoth *Acronicta albarufa* T
Drunk Apamea Moth *Apamea inebriata* SC
~~Coastal Plain Apamea Moth *Apamea mixta* SC~~
New Jersey Tea Inchworm *Apodrepanulatrix liberaria* E
Straight Lined Mallow Moth *Bagisara rectifascia* SC
Hessel's Hairstreak *Callophrys hesseli* SC
Frosted Elfin *Callophrys irus* SC
Bog Elfin *Callophrys lanoraieensis* T

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INVERTEBRATES: continued

Butterflies and Moths: continued

Gerhard's Underwing Catocala herodias gerhardi SC
Precious Underwing Moth Catocala pretiosa pretiosa E
Waxed Sallow Moth Chaetagnathia cerata SC
Melsheimer's Sack Bearer Cicinnus melsheimeri T
Chain Dot Geometer Cingilia catenaria SC
Unexpected Cynia Cynia inopinatus T
Three lined Angle Moth Digrammia eremiata T
Imperial Moth Eacles imperialis T
Early Hairstreak Erora laeta T
Persius Duskywing Erynnis persius persius E
Sandplain Euchlaena Euchlaena madusaria SC
Dion Skipper Euphyes dion T
The Pink Streak Faronta rubripennis T
Phyllira Tiger Moth Grammia phyllira E
Slender Clearwing Sphinx Moth Hemaris gracilis SC
Barrens Buckmoth Hemileuca maia SC
Buchholz's Gray Hypomecis buchholzaria E
Pine Barrens Itame Itame sp. 1 SC 1
Pale Green Pinion Moth Lithophane viridipallens SC
Twilight Moth Lycia rachelae E
Pine Barrens Lycia Lycia ypsilon T
Barrens Metarranthis Metarranthis apiciaria E
Coastal Swamp Metarranthis Metarranthis pilosaria SC
Northern Brocade Moth Neoligia semicana SC
Dune Noctuid Moth Oncocnemis riparia SC
Pitcher Plant Borer Papaipema appassionata T
Ostrich Fern Borer Papaipema sp. 2 SC 2
Chain Fern Borer Papaipema stenocelis T
Water willow Stem Borer Papaipema sulphurata T
~~Eastern Veined~~ **Mustard** White Pieris oleracea T
Pink Sallow Moth Psectraglaea carnosus SC
Southern Ptichodis Ptichodis bistrigata T
Orange Sallow Moth Rhodoecia aurantiago T
Oak Hairstreak Satyrium favonius SC
Spartina Borer Spartiniphaga inops SC
Faded Gray Geometer Stenoporpia polygrammaria T

Pine Barrens Zale Zale sp. 1 SC 3
Pine Barrens Zanclognatha Zanclognatha martha T

1 Undescribed species near *I. inextricata*

2 Undescribed species near *P. pterisii*

3 Undescribed species near *Z. lunifera*

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PLANTS

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Aceraceae (Maples)

Black Maple *Acer nigrum* SC

Adiantaceae (Cliff Ferns)

Fragile Rock brake *Cryptogramma stelleri* E

Alismataceae (Arrowheads)

Estuary Arrowhead *Sagittaria montevidensis* ssp.
spongiosa E

Wapato *Sagittaria cuneata* T

River Arrowhead *Sagittaria subulata* E

Terete Arrowhead *Sagittaria teres* SC

Apiaceae (Parsleys, Angelicas)

Hemlock Parsley *Conioselinum chinense* SC

Saltpond Pennywort *Hydrocotyle verticillata* T

Canadian Sanicle *Sanicula canadensis* T

Long styled Sanicle *Sanicula odorata* T

Aquifoliaceae (Hollies)

Mountain Winterberry *Ilex montana* E

Araceae (Arums)

Green Dragon *Arisaema dracontium* T

Golden Club *Orontium aquaticum* E

Araliaceae (Ginsengs)
Ginseng *Panax quinquefolius* SC

Asclepiadaceae (Milkweeds)
Purple Milkweed *Asclepias purpurascens* E
Linear leaved Milkweed *Asclepias verticillata* T

Aspleniaceae (Spleenworts)
Mountain Spleenwort *Asplenium montanum* E
Wall rue Spleenwort *Asplenium ruta muraria* T

Asteraceae (Asters, Composites)
Lesser Snakeroot *Ageratina aromatica* E
Eaton's Beggar ticks *Bidens eatonii* E
Estuary Beggar ticks *Bidens hyperborea* var. ~~*colpophila*~~ *colpophila* E
Cornel-leaved Aster *Doellingeria infirma* E

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Common Name Scientific Name MA US Notes

Asteraceae (Asters, Composites): continued
New England Boneset *Eupatorium novae-angliae* E
Purple Cudweed *Gamochaeta purpurea* E
New England Blazing Star *Liatris scariosa* var. *novae-angliae* SC
Lion's Foot *Nabalus serpentarius* E
Sweet Coltsfoot *Petasites frigidus* var. *palmatum* E
Sclerolepis *Sclerolepis uniflora* E
Large leaved Goldenrod *Solidago macrophylla* T
Upland White Aster *Solidago ptarmicoides* E
Rand's Goldenrod *Solidago simplex* ssp. *randii* var. *monticola* E
Eastern Silvery Aster *Symphotrichum concolor* E
Crooked-stem Aster *Symphotrichum prenanthoides* T
Tradescant's Aster *Symphotrichum tradescantii* T

Betulaceae (Birches, Alders)
Mountain Alder *Alnus viridis* ssp. *crispa* T
Swamp Birch *Betula pumila* E

Boraginaceae (Borages)

Northern Wild Comfrey *Cynoglossum virginianum* var. *boreale* E
Oysterleaf *Mertensia maritima* E

Brassicaceae (Mustards)

Lyre-leaved Rock-cress *Arabidopsis lyrata* E
Smooth Rock cress *Boechera laevigata* T
Green Rock cress *Boechera missouriensis* T
Purple Cress *Cardamine douglassii* E
Long's Bitter cress *Cardamine longii* E
Fen Cuckoo Flower *Cardamine pratensis* var. *palustris* T

Cactaceae (Cacti)

Prickly Pear *Opuntia humifusa* E

Campanulaceae (Bluebells, Lobelias)

Great Blue Lobelia *Lobelia siphilitica* E

Caprifoliaceae (Honeysuckles)

Hairy Honeysuckle *Lonicera hirsuta* E
Snowberry *Symphoricarpos albus* var. *albus* E
Broad Tinker's weed *Triosteum perfoliatum* E
Downy Arrowwood *Viburnum rafinesquianum* E

Caryophyllaceae (Pinks, Sandworts)

Nodding Chickweed *Cerastium nutans* E
Michaux's Sandwort *Minuartia michauxii* T
Large leaved Sandwort *Moehringia macrophylla* E
Silverling *Paronychia argyrocoma* E

Chenopodiaceae (Saltworts)

Fogg's Goosefoot *Chenopodium foggii* E
American Sea blite *Suaeda calceoliformis* SC

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Cistaceae (Rockroses, Pinweeds)

Bushy Rockrose ~~Helianthemum~~ **Crocantthemum** dumosum SC

Beaded Pinweed Lechea pulchella var. moniliformis E

Clusiaceae (St. John's worts)

Creeping St. John's wort Hypericum adpressum T

Giant St. John's wort Hypericum ascyron E

St. Andrew's Cross Hypericum hypericoides ssp.
multicaule E

Convolvulaceae (Morning Glories)

Low Bindweed Calystegia spithamea E

Crassulaceae (Sedums)

Pygmyweed Tillaea aquatica T

Cupressaceae (Cedars, Junipers)

Arborvitae Thuja occidentalis E

Cyperaceae (Sedges)

River Bulrush Bolboschoenus fluviatilis SC

Foxtail Sedge Carex alopecoidea T

Back's Sedge Carex backii E

Bailey's Sedge Carex baileyi E **T**

Bush's Sedge Carex bushii E

Chestnut colored Sedge Carex castanea E

Creeping Sedge Carex chordorrhiza E

Davis's Sedge Carex davisii E

Glaucous Sedge Carex glaucodea E

Handsome Sedge Carex formosa T

Slender Woodland Sedge Carex gracilescens E

Gray's Sedge Carex grayi T

Hitchcock's Sedge Carex hitchcockiana SC

Shore Sedge Carex lenticularis T

Glaucous Sedge Carex livida E

False Hop-sedge Carex lupuliformis E

Midland Sedge Carex mesochorea E

Michaux's Sedge Carex michauxiana E

Mitchell's Sedge Carex mitchelliana T

Few fruited Sedge Carex oligosperma E

Few flowered Sedge Carex pauciflora E

Variable Sedge Carex polymorpha E

Schweinitz's Sedge Carex schweinitzii E

Dioecious Sedge Carex sterilis T

Walter's Sedge *Carex striata* E
Fen Sedge *Carex tetanica* SC
Hairy fruited Sedge *Carex trichocarpa* T
Tuckerman's Sedge *Carex Tuckermanii* E
Cat tail Sedge *Carex typhina* T
Engelmann's Umbrella sedge *Cyperus engelmannii* T
Houghton's Flatsedge *Cyperus houghtonii* E

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Common Name Scientific Name MA US Notes

Cyperaceae (Sedges): continued

Wright's Spike-rush *Eleocharis diandra* E
Intermediate Spike sedge *Eleocharis intermedia* T
Tiny fruited Spike sedge *Eleocharis microcarpa* var. *filiculmis* E
Ovate Spike sedge *Eleocharis ovata* E
Few flowered Spike sedge *Eleocharis quinqueflora* E
Three angled Spike sedge *Eleocharis tricostata* E
Slender Cottongrass *Eriophorum gracile* T
Dwarf Bulrush *Lipocarpa micrantha* T
Capillary Beak sedge *Rhynchospora capillacea* E
Inundated Horned sedge *Rhynchospora inundata* T
Short beaked Bald sedge *Rhynchospora nitens* T
Long beaked Bald sedge *Rhynchospora scirpoides* SC
Torrey's Beak sedge *Rhynchospora torreyana* E
Northeastern Bulrush *Scirpus ancistrochaetus* E E
Long's Bulrush *Scirpus longii* T
Papillose Nut sedge *Scleria pauciflora* E 1
Tall Nut sedge *Scleria triglomerata* E

Dryopteridaceae (Wood Ferns)

Braun's Holly-fern *Polystichum braunii* E
Smooth Woodsia *Woodsia glabella* E

Elatinaceae (Waterworts)

American Waterwort *Elatine americana* E

Empetraceae (Crowberries)
Broom Crowberry *Corema conradii* SC

Equisetaceae (Horsetails)
Dwarf Scouring rush *Equisetum scirpoides* SC

Ericaceae (Laurels, Blueberries)
Great Laurel *Rhododendron maximum* T
Mountain Cranberry *Vaccinium vitis idaea* ssp. *minus* E

Eriocaulaceae (Pipeworts)
Parker's Pipewort *Eriocaulon parkeri* E

Fabaceae (Beans, Peas, Clovers)
Large-bracted Tick-trefoil *Desmodium cuspidatum* T
~~Spreading Tick-trefoil *Desmodium humifusum* E~~
Wild Senna *Senna hebecarpa* E

Fagaceae (Oaks, Beeches)
Bur Oak *Quercus macrocarpa* SC
Yellow Oak *Quercus muhlenbergii* T

Fumariaceae (Fumitories)
Climbing Fumitory *Adlumia fungosa* SC

1 Includes the two varieties of this species that occur in
Massachusetts: s. p. var. *pauciflora* and s. p. var. *caroliniana*
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Gentianaceae (Gentians)
Andrew's Bottle Gentian *Gentiana andrewsii* E
Spurred Gentian *Halenia deflexa* E
Slender Marsh Pink *Sabatia campanulata* E
Plymouth Gentian *Sabatia kennedyana* SC
Sea Pink *Sabatia stellaris* E

Grossulariaceae (Currants)
Bristly Black Currant *Ribes lacustre* SC

Haemodoraceae (Redroots)
Redroot Lachnanthes caroliana SC

Haloragaceae (Water milfoils)
Alternate flowered Water
milfoil Myriophyllum alterniflorum E
Farwell's Water-
milfoil Myriophyllum farwellii E
Pinnate Water milfoil Myriophyllum pinnatum SC
Comb Water milfoil Myriophyllum verticillatum E

Hydrophyllaceae (Waterleaves)
Broad Waterleaf Hydrophyllum canadense E

Hymenophyllaceae (Filmy ferns)
Weft Bristle-fern Trichomanes intricatum E

Iridaceae (Irises)
Sandplain Blue eyed Grass Sisyrinchium fuscatum SC
Slender Blue eyed Grass Sisyrinchium mucronatum E
Isoetaceae (Quillworts)
Acadian Quillwort Isoetes acadensis E
Lake Quillwort Isoetes lacustris E

Juncaceae (Rushes)
Weak Rush Juncus debilis E
Thread Rush Juncus filiformis E
Black fruited Woodrush Luzula parviflora ssp. melanocarpa E

Lamiaceae (Mints)
Purple Giant-hyssop Agastache scrophulariifolia E
Downy Wood mint Blephilia ciliata E
Hairy Wood mint Blephilia hirsuta E
Gypsywort Lycopus rubellus E
~~Basil Mountain mint Pycnanthemum clinopodioides E~~
False Pennyroyal Trichostema brachiatum E

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Lentibulariaceae (Bladderworts)
Resupinate Bladderwort *Utricularia resupinata* T
~~Fibrous Bladderwort *Utricularia striata* T~~
Subulate Bladderwort *Utricularia subulata* SC

Liliaceae (Lilies)
Devil's bit *Chamaelirium luteum* E

Linaceae (Flaxes)
Sandplain Flax *Linum intercursum* SC
Rigid Flax *Linum medium* var. *texanum* T

Lycopodiaceae (Clubmosses)
Foxtail Clubmoss *Lycopodiella alopecuroides* E
Mountain Firmoss *Huperzia selago* E

Lythraceae (Loosestrifes)
Toothcup *Rotala ramosior* E

Magnoliaceae (Magnolias)
Sweetbay *Magnolia* *Magnolia virginiana* E

Melastomataceae (Meadow Beauties)
Maryland Meadow Beauty *Rhexia mariana* E

Moraceae (Mulberries)
Red Mulberry *Morus rubra* E

Nymphaeaceae (Water Lilies)
Tiny Cow lily *Nuphar microphylla* E

Onagraceae (Evening Primroses)
Many fruited False loosestrife *Ludwigia polycarpa* E
Round fruited False loosestrife *Ludwigia sphaerocarpa* E

Ophioglossaceae (Grape Ferns)
Adder's tongue Fern *Ophioglossum pusillum* T

Orchidaceae (Orchids)
Putty root *Aplectrum hyemale* E
Arethusa *Arethusa bulbosa* T

Autumn Coralroot *Corallorhiza odontorhiza* SC
Ram's head Lady's slipper *Cypripedium arietinum* E

E = Endangered, T = Threatened, SC = Special Concern

10.90: continued

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Small Yellow Lady's slipper *Cypripedium parviflorum* var. *makasin* E

Showy Lady's slipper *Cypripedium reginae* SC

Dwarf Rattlesnake plantain *Goodyera repens* E

Small Whorled Pogonia *Isotria medeoloides* E T

Lily-leaf Twayblade *Liparis liliifolia* T

Heartleaf Twayblade *Listera cordata* E

Bayard's Green Adder's-mouth *Malaxis bayardii* E

White Adder's mouth *Malaxis monophyllos* var. *brachypoda* E

Crested Fringed Orchis *Platanthera cristata* E

Leafy White Orchis *Platanthera dilatata* T

Pale Green Orchis *Platanthera flava* var. *herbiola* T

Hooded Ladies' tresses *Spiranthes romanzoffiana* E

Grass leaved Ladies' tresses *Spiranthes vernalis* T

Crane-fly Orchid *Tipularia discolor* E

Nodding Pogonia *Triphora trianthophora* E

Oxalidaceae (Wood sorrels)

Violet Wood sorrel *Oxalis violacea* E

Poaceae (Grasses)

Annual Peanutgrass *Amphicarpum amphicarpon* E

Purple Needlegrass *Aristida purpurascens* T

Seabeach Needlegrass *Aristida tuberculosa* T

Reed Bentgrass *Calamagrostis pickeringii* E

New England Northern Reed Grass *Calamagrostis stricta* ssp.
inexpansa E

Tufted Hairgrass *Deschampsia cespitosa* var. *glauca* E

Common's Panic grass *Dichanthelium ovale* ssp. *pseudopubescens* SC

Mattamuskeet Panic grass *Dichanthelium dichotomum* ssp.
mattamuskeetense E
 Rough Panic grass *Dichanthelium scabriusculum* T
 Wright's Panic grass *Dichanthelium wrightianum* SC
 Hairy Wild Rye *Elymus villosus* E
 Frank's Lovegrass *Eragrostis frankii* SC
 Saltpond Grass *Leptochloa fusca* ssp. *fascicularis* T
 Sea Lyme grass *Leymus mollis* E
 Woodland Millet *Milium effusum* T
 Gattinger's Panic-grass *Panicum philadelphicum* ssp. *gattingeri* SC
 Long leaved Panic-grass *Panicum rigidulum* ssp. *pubescens* T
 Philadelphia Panic grass *Panicum philadelphicum* **ssp.**
philadelphicum SC
 Drooping Speargrass *Poa saltuensis* ssp. *languida* E
 Bristly Foxtail *Setaria parviflora* SC
 Salt Reedgrass *Spartina cynosuroides* T
 Shining Wedgegrass *Sphenopholis nitida* T
 Swamp Oats *Sphenopholis pensylvanica* T
 Small Dropseed *Sporobolus neglectus* E
 Northern Gama grass *Tripsacum dactyloides* E
 Spiked False oats *Trisetum spicatum* E

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Podostemaceae (Threadfeet)

Threadfoot *Podostemum ceratophyllum* SC

Polygonaceae (Docks, Knotweeds)

Strigose Knotweed *Persicaria setacea* T

Sea-beach Knotweed *Polygonum glaucum* SC

Pondshore Knotweed *Polygonum puritanorum* SC

Seabeach Dock *Rumex pallidus* T

Swamp Dock *Rumex verticillatus* T

Portulacaceae (Spring Beauties)

Narrow leaved Spring Beauty *Claytonia virginica* E

Potamogetonaceae (Pondweeds)

Algae-like Pondweed *Potamogeton confervoides* T
~~Variable Pondweed *Potamogeton diversifolius* E~~
Frie's Pondweed *Potamogeton friesii* E
Hill's Pondweed *Potamogeton hillii* SC
Ogden's Pondweed *Potamogeton ogdenii* E
Straight-leaved Pondweed *Potamogeton strictifolius* E
Vasey's Pondweed *Potamogeton vaseyi* E

Pyrolaceae (Shinleaf)

Pink Pyrola *Pyrola asarifolia* ssp. *asarifolia* E

Ranunculaceae (Buttercups)

Black Cohosh *Actaea racemosa* E
Purple Clematis *Clematis occidentalis* SC
Golden Seal *Hydrastis canadensis* E
Tiny flowered Buttercup *Ranunculus micranthus* E
Bristly Buttercup *Ranunculus pensylvanicus* † **SC**

Rosaceae (Roses, Shadbushes)

Small flowered Agrimony *Agrimonia parviflora* E
Hairy Agrimony *Agrimonia pubescens* T
Bartram's Shadbush *Amelanchier bartramiana* T
Nantucket Shadbush *Amelanchier nantucketensis* SC
Roundleaf Shadbush *Amelanchier sanguinea* SC
Bicknell's Hawthorn *Crataegus bicknellii* E
Sandbar Cherry *Prunus pumila* var. *depressa* T
Northern Prickly Rose *Rosa acicularis* ssp. *sayi* E
Northern Mountain ash *Sorbus decora* E
Barren Strawberry *Waldsteinia fragarioides* SC

Rubiaceae (Bedstraws, Bluets)

Northern Bedstraw *Galium boreale* E
Labrador Bedstraw *Galium labradoricum* T
Long leaved Bluet *Houstonia longifolia* E

Salicaceae (Willows)

Swamp Cottonwood *Populus heterophylla* E
Sandbar Willow *Salix exigua* **ssp. interior** T

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Scheuchzeriaceae (Pod grasses)

Pod grass *Scheuchzeria palustris* E

Schizaeaceae (Climbing Ferns)

Climbing Fern *Lygodium palmatum* SC

Scrophulariaceae (Figworts)

Sandplain Gerardia *Agalinis acuta* E E

Winged Monkey flower *Mimulus alatus* E

Muskflower *Mimulus moschatus* E

Swamp Lousewort *Pedicularis lanceolata* E

Hairy Beardtongue *Penstemon hirsutus* E

Sessile Water speedwell *Veronica catenata* E

Culver's root *Veronicastrum virginicum* T

Sparganiaceae (Bur reeds)

Small Bur reed *Sparganium natans* E

Verbenaceae (Vervains)

Narrow leaved Vervain *Verbena simplex* E

Violaceae (Violets)

Sand Violet *Viola adunca* SC

Britton's Violet *Viola brittoniana* T

~~Northern Bog Violet *Viola nephrophylla* E~~

Viscaceae (Christmas-mistletoes)

Dwarf Mistletoe *Arceuthobium pusillum* SC

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10.91: Index to State Listed Species

The following index is intended to help users of the state list of Endangered, Threatened, and Special Concern species determine the official status of any species listed under MESA. This is particularly important for users of the list who are not familiar with the scientific names of species. Starting with only a common or scientific name, the index tells the user where to find the species on the list. The index accomplishes this by specifying the name of the animal group or plant family under which the species will be found.

For example, to find the status of *Acipenser brevirostrum*, one would look up "Acipenser" in the index and find that it is a fish. Where fish occur in the list is specified by the outline appearing just before the list at 321 CMR 10.90(3). The outline shows that fish is the first category of vertebrate animals. By looking for "*Acipenser brevirostrum*" in that section of the list one would determine that it is the "Shortnose Sturgeon" and is listed as an Endangered species on both the state and federal lists.

Note that all plants are found under plant families which end with "aceae" and that animals are listed under commonly known categories, such as birds, mammals, or butterflies.

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