

Appendix D:

**State Endangered, Threatened,
and Species of Concern, and
Federally Listed Species in the
Wood-Pawcatuck Watershed**

**Rhode Island and Connecticut
State Endangered (SE), State Threatened (ST), State Concern (SC)**

Common Name	Genus	Species	RI/CT State Status
Vertebrates			
Northern Saw-whet Owl	<i>Aegolius</i>	<i>acadicus</i>	RI-SC
Grasshopper Sparrow	<i>Ammodramus</i>	<i>savannarum</i>	RI-ST
Whip-poor-will	<i>Caprimulgus</i>	<i>vociferous</i>	CT-SC
Northern Harrier	<i>Circus</i>	<i>Hudsonius</i>	CT-E
Cerulean Warbler	<i>Dendroica</i>	<i>cerulea</i>	SE
Pileated Woodpecker	<i>Dryocopus</i>	<i>pileatus</i>	RI-SC
Acadian Flycatcher	<i>Empidonax</i>	<i>virescens</i>	RI-SC
Northern Parula	<i>Parula</i>	<i>americana</i>	RI-ST
Prothonotary Warbler	<i>Protonotaria</i>	<i>citrea</i>	RI-SC
Eastern Spadefoot	<i>Scaphiopus</i>	<i>holbrookii</i>	CT-E/RI-SE
Wood Turtle	<i>Clemmys</i>	<i>insculpta</i>	RI-SC
Black Rat Snake	<i>Elaphe</i>	<i>obsoleta</i>	RI-SC
Eastern Hognose Snake	<i>Heterodon</i>	<i>platirhinos</i>	RI-SC
Bobcat	<i>Lynx</i>	<i>rufus</i>	RI-ST
Smoky Shrew	<i>Sorex</i>	<i>fumeus</i>	RI-SC
Red Bat	<i>Lasiurus</i>	<i>borealis</i>	CT-SC
Banded Sunfish	<i>Enneacanthus</i>	<i>Obesus</i>	CT-SC
Brindle Shiner	<i>Notropis</i>	<i>bifrenatus</i>	CT-SC
Invertebrates			
Spatterdock Darner	<i>Aeshna</i>	<i>mutata</i>	RI-SC
Comet Darner	<i>Anax</i>	<i>longipes</i>	RI-SC
Blueberry Sallow	<i>Apharetra</i>	<i>dentata</i>	RI-SC
A Noctuid Moth	<i>Aplectoides</i>	<i>condita</i>	RI-SC
Dusted Skipper	<i>Atrytonopsis</i>	<i>hianna</i>	RI-SC
Bombardier Beetle	<i>Brachinus</i>	<i>patruelis</i>	CT-SC
Sparkling Jewelwing	<i>Calopteryx</i>	<i>dimidiata</i>	CT-T
Hessel's Hairstreak	<i>Callophrys</i>	<i>hesseli</i>	CT-E/RI-SC
Hoary Elfin	<i>Callophrys</i>	<i>polios</i>	RI-SC
Frosted Elfin	<i>Callophrys</i>	<i>irus</i>	RI-ST
Henry's Elfin	<i>Callophrys</i>	<i>henrici</i>	CT/RI-SC
Pine Barrens Tiger Beetle	<i>Cicindela</i>	<i>formosa</i>	RI-ST
Arrowhead Spiketail	<i>Cordulegaster</i>	<i>obliqua</i>	RI-SC
Atlantic bluet	<i>Enallagma</i>	<i>doubledayi</i>	CT-T

Common Name	Genus	Species	RI/CT State Status
Pine Barrens Bluet	<i>Enallagma</i>	<i>recurvatum</i>	RI-SC
Scarlet Bluet	<i>Enallagma</i>	<i>pictum</i>	CT/RI-SC
Northern Pearly Eye	<i>Enodia</i>	<i>anthedon</i>	RI-SC
Sleepy Duskywing	<i>Erynnis</i>	<i>brizo</i>	RI-SC
Northern Oak Hairstreak	<i>Fixsenia</i>	<i>favonius</i>	RI-SC
Bog Tiger Moth	<i>Grammia</i>	<i>speciosa</i>	RI-SC
Coastal Barrens Buckmoth	<i>Hemileuca</i>	<i>maia</i>	RI-SC
Woolly Beach-heather	<i>Hudsonia</i>	<i>tomentosa</i>	CT-T
Golden-winged Skimmer	<i>Libellula</i>	<i>auripennis</i>	RI-SC
Pale Green Pinion Moth	<i>Lithophane</i>	<i>viridipallens</i>	RI-SC
Lilaeopsis	<i>Lilaeopsis</i>	<i>chinensis</i>	CT-SC
Black Lordithon Rove Beetle	<i>Lordithon</i>	<i>niger</i>	RI-SC
Bog Copper	<i>Lycaena</i>	<i>epixanthe</i>	CT/RI-SC
Eastern pearlshell	<i>Margaritifera</i>	<i>margaritifera</i>	CT-SC
Coastal Swamp Metarranthis	<i>Metarranthis</i>	<i>pilosaria</i>	RI-SC
Brook Snaketail	<i>Ophiogomphus</i>	<i>aspersus</i>	RI-ST
Pitcher Plant Borer Moth	<i>Papaipema</i>	<i>appassionata</i>	RI-SC
White M Hairstreak	<i>Parrhasius</i>	<i>m-album</i>	RI-SC
Common Sanddragon	<i>Progomphus</i>	<i>obscurus</i>	RI-SC
Coppery Emerald	<i>Somatochlora</i>	<i>georgiana</i>	RI-SC
Zebra Clubtail	<i>Stylurus</i>	<i>scudderi</i>	RI-ST
Coastal Swamp Amphipod	<i>Synurella</i>	<i>chamberlaini</i>	RI-SC
Ringed Boghaunter	<i>Williamsonia</i>	<i>lintneri</i>	RI-SE
A Noctuid Moth	<i>Zale</i>	<i>submediana</i>	RI-SC
Pine Barrens Zale	<i>Zale</i>		RI-SC

Plants

Sandplain Gerardia, Agalinis	<i>Agalinis</i>	<i>acuta</i>	RI-SE
Colic-root, Stargrass	<i>Aletris</i>	<i>farinosa</i>	RI-SC
Wild Leek, Ramp	<i>Allium</i>	<i>tricoccum</i>	
		<i>var. tricoccum</i>	RI-SC
Wild Spikenard, Life-of-man	<i>Aralia</i>	<i>racemosa</i>	RI-SC
Arethusa, Swamp-pink, Dragon's Mouth	<i>Arethusa</i>	<i>bulbosa</i>	RI-SE
Slimspike Three-awn, Northern Poverty-grass	<i>Aristida</i>	<i>longespica</i>	
		<i>var. geniculata</i>	RI-SC
Wild Ginger	<i>Asarum</i>	<i>canadense</i>	RI-SC

Common Name	Genus	Species	RI/CT State Status
Blunt-leaved or Clasping Milkweed	<i>Asclepias</i>	<i>amplexicaulis</i>	RI-SC
Poke or Tall Milkweed	<i>Asclepias</i>	<i>exaltata</i>	RI-SC
Butterfly-weed, Pleurisy-root	<i>Asclepias</i>	<i>tuberosa</i>	RI-SC
Maidenhair Spleenwort	<i>Asplenium</i>	<i>trichomanes</i>	RI-SC
Purple Screwstem	<i>Bartonia</i>	<i>iodandra</i>	RI-SC
Purplestem or Swamp Beggar-ticks, Stick-tight	<i>Bidens</i>	<i>connata</i>	RI-SC
Northern Tickseed-sunflower	<i>Bidens</i>	<i>coronata</i>	RI-SC
Daisy-leaved Moonwort	<i>Botrychium</i>	<i>matricariifolium</i>	RI-SC
Grass-pink, Swamp-pink	<i>Calopogon</i>	<i>tuberosus</i> <i>var. tuberosus</i>	RI-SC
Pale or Tall Corydalis, Rock-harlequin	<i>Capnoides</i>	<i>sempervirens</i>	RI-SC
Collin's Sedge	<i>Carex</i>	<i>collinsii</i>	RI-SE
Bog-sedge	<i>Carex</i>	<i>exilis</i>	RI-SC
(Variable) Sedge	<i>Carex</i>	<i>polymorpha</i>	RI-SE
Bent Sedge	<i>Carex</i>	<i>styloflexa</i>	RI-SC
(Walter's) Sedge	<i>Carex</i>	<i>striata</i>	RI-SE
Tuckerman's sedge	<i>Carex</i>	<i>tuckermanii</i>	CT-SC
Yellow Blue-bead Lily	<i>Clintonia</i>	<i>borealis</i>	RI-SC
Squaw-root, Cancer-root	<i>Conopholis</i>	<i>americana</i>	RI-SC
Spotted Coral-root	<i>Corallorhiza</i>	<i>maculata</i> <i>var. maculata</i>	RI-SC
Late or Autumn Coral-root	<i>Corallorhiza</i>	<i>odontorhiza</i> <i>var. odontorhiza</i>	RI-SE
Early, Pale, or Northern Coral-root	<i>Corallorhiza</i>	<i>trifida</i>	RI-SC
Rose Coreopsis, Pink Tickseed	<i>Coreopsis</i>	<i>rosea</i>	RI-SC
Low Rockrose	<i>Crocantemum</i>	<i>propinquum</i>	RI-SC
Little-leaf or Hairy Small-leaved Tick-trefoil, Beggar's-ticks, or Tick-clover	<i>Desmodium</i>	<i>ciliare</i>	RI-ST
Sessile-leaved Tick-trefoil, Beggar's-ticks, or Tick-clover	<i>Desmodium</i>	<i>sessilifolium</i>	RI-ST
Tall swamp rosette panicgrass	<i>Dichanthelium</i>	<i>scabriusculum</i>	CT-E
Wild Yam	<i>Dioscorea</i>	<i>villosa</i>	RI-SC
(Horsetail) Spike-rush	<i>Eleocharis</i>	<i>equisetoides</i>	RI-SC
(Black-fruited) Spike-rush	<i>Eleocharis</i>	<i>melanocarpa</i>	RI-SE

Common Name	Genus	Species	RI/CT State Status
Long-tubercled Spikesedge	<i>Eleocharis</i>	<i>tuberculosa</i>	RI-SC
Blunt Spike-rush	<i>Eleocharis</i>	<i>ovata</i>	RI-SC
Marsh Willow-herb	<i>Epilobium</i>	<i>palustre</i>	RI-ST
River Horsetail	<i>Equisetum</i>	<i>fluviatile</i>	RI-SC
Bog Cotton-grass, Dark-scale Cotton-grass	<i>Eriophorum</i>	<i>viridicarinatum</i>	RI-SC
Large-leaved or Big-leaved Aster	<i>Eurybia</i>	<i>macrophylla</i>	RI-SC
Showy Aster	<i>Eurybia</i>	<i>spectabilis</i>	CT-T
Black Ash	<i>Fraxinus</i>	<i>nigra</i>	RI-SC
Creeping Snowberry, Moxie, Moxieplum, Maidenhair-berry	<i>Gaultheria</i>	<i>hispidula</i>	RI-ST
Dwarf Huckleberry	<i>Gaylussacia</i>	<i>bigeloviana</i>	RI-SC
Fringed-gentian	<i>Gentianopsis</i>	<i>crinita</i>	RI-ST
Herb-robert	<i>Geranium</i>	<i>robertianum</i>	RI-SC
Woodland-sunflower	<i>Helianthus</i>	<i>divaricatus</i>	RI-SC
Featherfoil, Water-violet	<i>Hottonia</i>	<i>inflata</i>	CT/RI-SC
Water Pennywort	<i>Hydrocotyle</i>	<i>umbellata</i>	CT-E
Golden Heather	<i>Hudsonia</i>	<i>ericoides</i>	RI-ST
Creeping St. John's-wort	<i>Hypericum</i>	<i>adpressum</i>	RI-ST
Hairy Pine-sap	<i>Hypopitys</i>	<i>lanuginosa</i>	RI-SC
Small Whorled Pogonia, Little Five-leaves	<i>Isotria</i>	<i>medeoloides</i>	RI-SE
Inkberry	<i>Ilex</i>	<i>glabra</i>	CT-T
Carolina Redroot	<i>Lachnanthes</i>	<i>caroliniana</i>	RI-ST
Eastern Grasswort	<i>Lilaeopsis</i>	<i>chinensis</i>	RI-SE
Canada Lily, Wild Yellow Lily	<i>Lilium</i>	<i>canadense</i>	RI-ST
Sandplain or Bicknell's Yellow Flax	<i>Linum</i>	<i>intercursum</i>	RI-SE
Common Yellow Flax	<i>Linum</i>	<i>medium</i> <i>ssp. texanum</i>	RI-SC
Lily-leaved or Large Twayblade Yellow, Bog-, or Loesel's Twayblade,	<i>Liparis</i>	<i>lilifolia</i>	RI-SE
Fen-orchid	<i>Liparis</i>	<i>loeselii</i>	RI-SE
Water-lobelia, Water-gladiole	<i>Lobelia</i>	<i>dortmanna</i>	RI-SC
Wild, Mountain-, Glaucous, or Limber Honeysuckle	<i>Lonicera</i>	<i>dioica</i>	RI-SC

Common Name	Genus	Species	RI/CT State Status
Mountain Fly-honeysuckle, Waterberry	<i>Lonicera</i>	<i>villosa</i>	RI-SC
Round-fruited or Round-pod Water-primrose or False Loosestrife	<i>Ludwigia</i>	<i>sphaerocarpa</i>	RI-SE
Wild Lupine, Sundial-lupine	<i>Lupinus</i>	<i>perennis</i> <i>ssp. perennis</i>	RI-SC
Foxtail-clubmoss	<i>Lycopodiella</i>	<i>alopecuroides</i>	RI-ST
Climbing or Hartford Fern	<i>Lygodium</i>	<i>palmatum</i>	RI-SC
Green Adder's Mouth	<i>Malaxis</i>	<i>unifolia</i>	RI-SE
Ostrich Fern	<i>Matteuccia</i>	<i>struthiopteris</i> <i>ssp. pennsylvanica</i>	RI-SC
Early Saxifrage	<i>Micranthes</i>	<i>virginiensis</i>	RI-SC
Mountain- or Smooth Sandwort, "mountain-daisy"	<i>Minuartia</i>	<i>glabra</i>	RI-ST
Wild Bergamot	<i>Monarda</i>	<i>fistulosa var. mollis</i>	RI-SE
One-flowered Pyrola or Shinleaf	<i>Moneses</i>	<i>uniflora</i>	RI-ST
Lion's-foot Rattlesnake-root	<i>Nabalus</i>	<i>serpentarius</i>	RI-SE
Bog Aster	<i>Oclemena</i>	<i>nemoralis</i>	CT-E
Northern Adder's-tongue	<i>Ophioglossum</i>	<i>pusillum</i>	RI-SE
Golden-club	<i>Orontium</i>	<i>aquaticum</i>	RI-SE
One-sided Pyrola or Shinleaf	<i>Orthilia</i>	<i>secunda</i>	RI-ST
Anise-root, Long-styled Sweet Cicely	<i>Osmorhiza</i>	<i>longistylis</i>	RI-ST
Violet Wood-sorrel	<i>Oxalis</i>	<i>violacea</i>	RI-SE
Ditch-stonecrop	<i>Penthorum</i>	<i>sedoides</i>	RI-SC
Long or Northern Beech-fern	<i>Phegopteris</i>	<i>connectilis</i>	RI-ST
Black Spruce, Bog-spruce	<i>Picea</i>	<i>mariana</i>	RI-SC
Slender Mountain-rice, Ricegrass	<i>Piptatherum</i>	<i>pungens</i>	RI-SC
Sickle-leaved or Falcate Golden Aster	<i>Pityopsis</i>	<i>falcata</i>	RI-ST
Hoary Plantain	<i>Plantago</i>	<i>virginica</i>	CT-SC
White-fringed Bog-orchid	<i>Platanthera</i>	<i>blephariglottis</i>	RI-ST
Orange Fringed Bog-orchid	<i>Platanthera</i>	<i>ciliaris</i>	RI-SE
Northern Tubercled Bog-orchid	<i>Platanthera</i>	<i>flava var. herbiola</i>	RI-SE
Small Purple Fringed Orchid	<i>Platanthera</i>	<i>psycodes</i>	RI-SC

Common Name	Genus	Species	RI/CT State Status
Drum-heads, Cross-leaved Milkwort, Marsh-milkwort	<i>Polygala</i>	<i>cruciata</i> <i>ssp. aquilonia</i>	RI-SC
Nuttall's Milkwort	<i>Polygala</i>	<i>nuttallii</i>	CT-T
Whorled Milkwort	<i>Polygala</i>	<i>verticillata</i>	RI-SC
Swamp-cottonwood, Black Cottonwood	<i>Populus</i>	<i>heterophylla</i>	RI-ST
Tuckerman's pondweed	<i>Potamogeton</i>	<i>confervoides</i>	CT-E
Comb-leaved Mermaid-weed	<i>Proserpinaca</i>	<i>pectinata</i>	RI-SC
Sand-cherry	<i>Prunus</i>	<i>susquehanae</i>	RI-SC
Dwarf Chestnut- or Chinquapin-oak	<i>Quercus</i>	<i>prinoides</i>	RI-SC
Small-flowered Crowfoot	<i>Ranunculus</i>	<i>micranthus</i>	RI-ST
White Water-crowfoot or Buttercup	<i>Ranunculus</i>	<i>trichophyllus</i>	RI-ST
Pinxter (or Pinkster)-flower, Election-pink, Purple Honeysuckle	<i>Rhododendron</i>	<i>periclymenoides</i>	RI-SC
(Innundated) Beak-rush, Horned-rush	<i>Rhynchospora</i>	<i>inundata</i>	RI-SE
(Large-spiked) Beak-rush, Horned-rush	<i>Rhynchospora</i>	<i>macrostachya</i>	RI-ST
Torrey's Beak-rush	<i>Rhynchospora</i>	<i>torreyana</i>	RI-SE
Plymouth Gentian, Marsh-pink	<i>Sabatia</i>	<i>kennedyana</i>	RI-SE
Grass-leaved or Grassy Arrowhead	<i>Sagittaria</i>	<i>graminea</i> <i>var. graminea</i>	RI-SC
Slender or Quill-leaved Arrowhead	<i>Sagittaria</i>	<i>teres</i>	RI-SE
Bloodroot, Red Puccoon	<i>Sanguinaria</i>	<i>canadensis</i>	RI-SC
Podgrass	<i>Scheuchzeria</i>	<i>palustris</i>	RI-SE
Swamp-bulrush	<i>Schoenoplectus</i>	<i>etuberculatus</i>	RI-SE
Bluntscale-bulrush, Smith's Clubrush	<i>Schoenoplectus</i>	<i>smithii var. smithii</i>	RI-ST
Swaying Rush, Water-bulrush, Water-clubrush	<i>Schoenoplectus</i>	<i>subterminalis</i>	RI-SC
Torrey-threesquare, Torrey's Bulrush	<i>Schoenoplectus</i>	<i>torreyi</i>	RI-SC
Long's Bulrush	<i>Scirpus</i>	<i>longii</i>	RI-SE

Common Name	Genus	Species	RI/CT State Status
(Few-flowered) Nut Rush, Carolina-whipgrass	<i>Scleria</i>	<i>pauciflora</i> <i>var. caroliniana</i>	RI-ST
(Three-clustered) Tall Nut-rush, Whipgrass	<i>Scleria</i>	<i>triglomerata</i>	RI-ST
Indian Grass, Wood-grass	<i>Sorghastrum</i>	<i>nutans</i>	RI-SC
Little Ladies'-tresses	<i>Spiranthes</i>	<i>tuberosa</i>	RI-SE
Spring Ladies'-tresses	<i>Spiranthes</i>	<i>vernalis</i>	RI-SC
Hyssop or Hyssop-leaved Hedge-nettle	<i>Stachys</i>	<i>hyssopifolia</i>	RI-ST
Smooth Blue or Smooth Aster	<i>Symphotrichum</i>	<i>laeve</i>	RI-SC
Goat's-rue, Catgut, Rabbit's-pea	<i>Tephrosia</i>	<i>virginiana</i>	RI-SC
Purple, Waxy, or Skunk Meadow-rue	<i>Thalictrum</i>	<i>revolutum</i>	RI-SE
Rue-anemone	<i>Thalictrum</i>	<i>thalictroides</i>	RI-SC
Gama-grass, Sesame-grass	<i>Tripsacum</i>	<i>dactyloides</i>	RI-SC
(Two-flowered) Bladderwort	<i>Utricularia</i>	<i>biflora</i>	RI-ST
Paired or Mixed Bladderwort	<i>Utricularia</i>	<i>geminiscapa</i>	RI-SC
Flat-leaved Bladderwort	<i>Utricularia</i>	<i>intermedia</i>	RI-SC
Reversed or Resupinate Bladderwort	<i>Utricularia</i>	<i>resupinata</i>	RI-SC
Zigzag Bladderwort	<i>Utricularia</i>	<i>subulata</i>	RI-SC
Swamp-haw, Possum-haw, Southern Wild Raisin	<i>Viburnum</i>	<i>nudum var. nudum</i>	RI-ST
Downy Yellow Violet, Smooth Yellow Violet, Yellow Forest-violet	<i>Viola</i>	<i>pubescens</i> <i>var. pubescens</i>	RI-SC
Round-leaved or Early Yellow Violet	<i>Viola</i>	<i>rotundifolia</i>	RI-SC
Wood Violet	<i>Viola</i>	<i>subsINUATA</i>	RI-SC
Small's yellow-eyed	<i>Zyris</i>	<i>smalliana</i>	CT-E
Wild Rice	<i>Zizania</i>	<i>aquatica</i> <i>var. aquatica</i>	RI-SC

CT Critical Habitats:

Acidic Atlantic White Cedar Swamp
Medium fen
Poor fen
Salt Marsh

CT Critical Habitats depicts the classification and distribution of twenty-five rare and specialized wildlife habitats in the state. It represents a compilation of ecological information collected over many years by state agencies, conservation organizations and many individuals. This information can serve to highlight ecologically significant areas and to target areas of species diversity for land conservation and protection. Biologists may use this data to target further research on associated plant and animal species.

RI Heritage Communities:

Deep Emergent Marsh
Dwarf Shrub Fen/Bog
Atlantic White Cedar Swamp
Coastal Plain Pondshore
Coastal Plain Quagmire
Acidic Graminoid Fen
Inland Dune/ Sand Barren
Pitch Pine - Scrub Oak Barrens
Floodplain Forest

RI Heritage Communities are natural communities that were identified in Enser and Lundgren (2006) as "rare" in Rhode Island.

Notes:

- For simplicity and for data security, no sites were given
- CT species list was provided by CT DEEP Natural Diversity Data Base.
- RI lists and statuses are the more recent official state lists: Enser 2006 for animals and RINHP 2016 for plants. The heritage communities are drawn from Enser and Lundgren 2006. All these citations are available on the Survey website here: <http://rinhs.org/partners-resources/download-pubs/>
- Absence of evidence does not equal evidence of absence.
- These all have sightings in the last 40 years (back thru 1979). RI has no program for systematic resurvey so in many cases the lack of a more recent date just means no one's been to look.

Federally Listed Species:

Common Name	Genus	Species	Federal Status
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Animals

Piping Plover	<i>Chadarius</i>	<i>melodus</i>	Threatened
Roseate tern	<i>Sterna</i>	<i>dougallii dougallii</i>	Endangered
Red Knot	<i>Calidris</i>	<i>canutus rufa</i>	Threatened
Northern Long-eared Bat	<i>Myotis</i>	<i>septentrionalis</i>	Threatened

Plants

Sandplain gerardia	<i>Agalinis</i>	<i>acuta</i>	Threatened
Small whorled pogonia	<i>Isotria</i>	<i>medeoloides</i>	Endangered

Not listed but high priority species for conservation:

New England Cottontail	<i>Sylvilagus</i>	<i>transitionalis</i>	
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