

Priority 1 Species of Greatest Conservation Need (SGCN) - Aquatic And Terrestrial Snails

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline	Recent Endemic	Regional Priority	High Regional Conservation Priority	NEWDTIC	RSSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
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**Basommatophora ( air-breathing freshwater snails )**

Bigmouth Pondsail	<i>Stagnicola mighelsi</i>					X		X	X				X										
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Current criteria ranked *Stagnicola mighelsi* as SGCN priority 2, however, species should qualify as SGCN priority 1 based on professional discretion. Justification: Documented to have been lost from 4 historic sites and considerable survey efforts have only resulted in the discovery of this snail at one additional site bringing the present total to 4 sites.  
[Freshwater Snails of the Fish River Lakes 2011 Final Report v4.pdf](#)

**Stylommatophora ( air-breathing snails land snails )**

Six-whorl Vertigo	<i>Vertigo morsei</i>	X				X																	
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Current criteria ranked *Vertigo morsei* as SGCN priority 2, however, species should qualify as SGCN priority 1 based on professional discretion. Justification: One EO despite some survey effort; obligate of hypercalcareous wetlands (rare in ME with obvious potential habitat already surveyed – e.g., marl fens); declines and restrictions in range elsewhere

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]

Priority 1 Species of Greatest Conservation Need (SGCN) - Birds

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline Recent	Endemic	Regional Priority	High Regional Conservation Priority	NEWDTIC	RSSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Anseriformes ( waterfowl )</b>																						
Barrow's Goldeneye	<i>Bucephala islandica</i>	X			T			X														
Harlequin Duck	<i>Histrionicus histrionicus</i>	X			T			X	X	X	X											
<b>Charadriiformes ( plovers, sandpipers, and allies )</b>																						
Upland Sandpiper	<i>Bartramia longicauda</i>	X			T					X						X	X	X				
Red Knot	<i>Calidris canutus rufa</i>	X		PT		X	X			X	X					X	X	X				
Purple Sandpiper	<i>Calidris maritima</i>						X	X	X									X				
Piping Plover	<i>Charadrius melodus</i>	X		T	E					X					X	X						
Roseate Tern	<i>Sterna dougallii</i>	X		E	E					X					X							
Arctic Tern	<i>Sterna paradisaea</i>	X			T					X					X			X				
Least Tern	<i>Sternula antillarum</i>	X			E					X	X				X			X				
Lesser Yellowlegs	<i>Tringa flavipes</i>						X			X								X				
<b>Falconiformes ( caracaras and falcons )</b>																						
Peregrine Falcon (Breeding)	<i>Falco peregrinus</i>	X			E					X	X							X				

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]

Priority 1 Species of Greatest Conservation Need (SGCN) - Birds

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline Recent	Endemic	Regional	High Regional Conservation Priority	NEWDTIC	RSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Passeriformes ( perching birds )</b>																						
Saltmarsh Sparrow	<i>Ammodramus caudacutus</i>	X	VU			X		X	X	X	X	X		X				X				
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	X			E				X					X								
Bicknell's Thrush	<i>Catharus bicknelli</i>	X	VU			X		X	X	X	X	X		X				X				
Sedge Wren	<i>Cistothorus platensis</i>	X			E				X		X			X				X				
Rusty Blackbird	<i>Euphagus carolinus</i>	X	VU			X			X									X				
Wood Thrush	<i>Hylocichla mustelina</i>						X		X			X		X				X				
Bank Swallow	<i>Riparia riparia</i>						X		X					X								
<b>Pelecaniformes ( pelecans, herons, ibises, and allies )</b>																						
Least Bittern	<i>Ixobrychus exilis</i>	X			E				X						X			X				
<b>Suliformes ( frigatebirds, boobies, cormorants, darters, and allies )</b>																						
Great Cormorant (Breeding)	<i>Phalacrocorax carbo</i>	X			T		X		X									X				

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]

Priority 1 Species of Greatest Conservation Need (SGCN) - Crustaceans

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline	Recent	Endemic	Regional	Conservation Priority	High Regional	NEWDTIC	RSSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Decapoda ( decapods )</b>																								
Northern Shrimp	<i>Pandalus borealis</i>						X	X	X														X	

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]

Priority 1 Species of Greatest Conservation Need (SGCN) - Horseshoe Crabs And Sea Scorpions

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline	Recent Endemic	Regional	Conservation Priority	High Regional	NEWDTIC	RSSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Xiphosurida ( horseshoe crabs )</b>																							
Horseshoe Crab	<i>Limulus polyphemus</i>						X			X												X	

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]

Priority 1 Species of Greatest Conservation Need (SGCN) - Insects

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline Recent	Endemic	Regional Priority	High Regional Conservation Priority	NEWDTIC	RSSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Coleoptera ( beetles )</b>																						
Cobblestone Tiger Beetle	<i>Cicindela marginipennis</i>	X				X			X			X	X									
<p>Current criteria ranked <i>Cicindela marginipennis</i> as SGCN priority 2, however, species should qualify as SGCN priority 1 based on professional discretion. Justification: Recently discovered, single population; flood scoured cobble/gravel habitat on stream/river islands both limited and vulnerable; COSEWIC Endangered and S1 ranked species in other New England states where known. Candidate species for Maine E/T listing.</p>																						
<b>Ephemeroptera ( mayflies )</b>																						
Roaring Brook Mayfly	<i>Epeorus frisoni</i>	X			E			X	X				X									
Tomah Mayfly	<i>Siphonisca aerodromia</i>	X			T			X														
<b>Hymenoptera ( ants, bees, wasps and sawflies )</b>																						
Rusty-patched Bumble Bee	<i>Bombus affinis</i>						X		X				X									

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]

Priority 1 Species of Greatest Conservation Need (SGCN) - Insects

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline Recent	Endemic	Regional	High Regional Conservation Priority	NEWDTIC	RSSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Lepidoptera ( butterflies, skippers, and moths )</b>																						
Frigga Fritillary	<i>Boloria frigga saga</i>	X				X																
<p>Current criteria ranked <i>Boloria frigga saga</i> as SGCN priority 2, however, species should qualify as SGCN priority 1 based on professional discretion. Justification: Proposed endangered 2014; only one known population</p>																						
Hessel's Hairstreak	<i>Callophrys hesseli</i>	X		E																		
<p>Current criteria ranked <i>Callophrys hesseli</i> as SGCN priority 2, however, species should qualify as SGCN priority 1 based on professional discretion. Justification: state endangered; only four populations in southern ME; habitat rare and vulnerable</p>																						
Katahdin Arctic	<i>Oeneis polixenes katahdin</i>	X		E			X	X				X										
Pine Barrens Zanclognatha	<i>Zanclognatha martha</i>	X		T			X															
<b>Odonata ( dragonflies and damselflies )</b>																						
Boreal Snaketail	<i>Ophiogomphus colubrinus</i>	X		T				X														X
Ringed Boghaunter	<i>Williamsonia lintneri</i>	X	VU	T			X	X														X

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]

Priority 1 Species of Greatest Conservation Need (SGCN) - Mammals

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline Recent	Endemic	Regional Priority	High Regional Conservation Priority	NEWDTIC	RSSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Cetacea ( whales )</b>																						
North Atlantic Right Whale	<i>Eubalaena glacialis</i>	X	EN	E	E				X			X										
Humpback Whale	<i>Megaptera novaeangliae</i>	X		E	E				X											X		
<b>Chiroptera ( bats )</b>																						
Eastern Small-footed Myotis	<i>Myotis leibii</i>	X				X			X	X	X	X										
Little Brown Bat	<i>Myotis lucifugus</i>	X				X	X															
Northern Long-eared Myotis	<i>Myotis septentrionalis</i>	X		PE		X	X		X			X										
<b>Lagomorpha ( rabbits, hares, and pikas )</b>																						
New England Cottontail (Year-round)	<i>Sylvilagus transitionalis</i>	X	VU	C	E		X	X	X	X	X											
<b>Rodentia ( rodents )</b>																						
Northern Bog Lemming	<i>Synaptomys borealis sphagnicola</i>	X			T				X	X												

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]



Priority 1 Species of Greatest Conservation Need (SGCN) - Marine And Freshwater Molluscs

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline	Recent Endemic	Regional Priority	High Regional Conservation Priority	NEWDTIC	RSSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Unionoida ( freshwater mussels )</b>																						
Brook Floater	<i>Alasmidonta varicosa</i>	X			T				X	X												
Yellow Lampmussel	<i>Lampsilis cariosa</i>	X	EN		T				X	X												
Tidewater Mucket	<i>Leptodea ochracea</i>	X			T				X	X												

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]

Priority 1 Species of Greatest Conservation Need (SGCN) - Ray-finned Fishes

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline Recent	Endemic	Regional Priority	High Regional Conservation Priority	NEWDTIC	RSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Acipenseriformes ( sturgeons and paddlefishes )</b>																						
Shortnose sturgeon	<i>Acipenser brevirostrum</i>	X	VU	E	E				X			X								X		
Atlantic sturgeon (Gulf of Maine Distinct Population Segment)	<i>Acipenser oxyrinchus</i>	X		T	T				X	X	X									X	X	
<b>Clupeiformes ( herrings )</b>																						
Blueback Herring (Diadromous)	<i>Alosa aestivalis</i>	X	VU	So C		X	X		X												X	
American Shad (Diadromous)	<i>Alosa sapidissima</i>						X		X												X	
<b>Gadiformes ( cods, haddocks, grenadiers )</b>																						
Atlantic Cod	<i>Gadus morhua</i>	X	VU						X												X	
Haddock	<i>Melanogrammus aeglefinus</i>	X	VU						X												X	
<b>Osmeriformes ( smelts and allies )</b>																						
Rainbow Smelt (Anadromous)	<i>Osmerus mordax</i>						X	X	X												X	

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]

Priority 1 Species of Greatest Conservation Need (SGCN) - Ray-finned Fishes

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline	Recent Endemic	Regional Priority	High Regional Conservation Priority	NEWDTIC	RSSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Salmoniformes ( salmon, trout, and whitefish )</b>																						
Atlantic Salmon (Gulf of Maine Distinct Population Segment)	<i>Salmo salar</i>	X		E						X			X							X		
Arctic Charr (Landlocked)	<i>Salvelinus alpinus oquassa</i>							X	X											X		

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]

Priority 1 Species of Greatest Conservation Need (SGCN) - Reptiles

CommonName	ScientificName	Risk Of Extirpation	IUCN Red List	Federal Status	Maine ESA Status	State SC or NMFS Species of Concern	Significant Decline	Recent Endemic	Regional Priority	High Regional Conservation Priority	NEWDTIC	RSSGCN	NatureServe	Partners In Flight	North American Waterbird	Shorebird North Atlantic	Shorebird National	USFWS Birds of Conservation Concern	NEPARC	American Fisheries Society	ASMFC	Northeast Odonate Assessment
<b>Squamata ( lizards and snakes )</b>																						
Northern Black Racer	<i>Coluber constrictor constrictor</i>	X			E				X										X			
<b>Testudines ( turtles and tortoises )</b>																						
Spotted Turtle	<i>Clemmys guttata</i>	X	EN		T				X	X									X			
Leatherback Seaturtle (Global)	<i>Dermochelys coriacea</i>	X	VU	E	E				X			X							X			
Blanding's Turtle	<i>Emydoidea blandingii</i>	X	EN		E				X	X									X			
Wood Turtle	<i>Glyptemys insculpta</i>	X	EN			X			X	X	X								X			

Risk of Extirpation: Critically Endangered [CR]; Endangered [E] or [EN]; Threatened [T]; Vulnerable [VU]; Candidate [C]; Proposed Endangered [PE]; Proposed Threatened [PT]