



**Rare and Uncommon Animals of Vermont**  
**Vermont Natural Heritage Inventory**  
**Vermont Fish & Wildlife Department**  
**22 March 2017**



This list of Vermont's rare and uncommon animals is produced by the Vermont Natural Heritage Inventory, a unit of the Vermont Fish & Wildlife Department, Vermont Agency of Natural Resources. The Vermont Natural Heritage Inventory is the state's official repository for records of rare, threatened, and endangered species. Information in the Vermont Natural Heritage database is the result of work of zoologists, natural resource professionals and interested amateurs.

This list is intended to inform naturalists, biologists, planners, developers and the general public about our rare native fauna. These species may be rare because they have very particular habitat requirements, are at the edge of their range, are vulnerable to disturbance or collection, or have difficulty reproducing. The listing of uncommon species may be incomplete.

Species with a state status of Threatened or Endangered (T or E) are protected by **Vermont's Endangered Species Law (10 V.S.A. Chap. 123)**. Those with a federal status of Threatened or Endangered (LT or LE) are protected by the **Federal Endangered Species Act (P.L. 93-205)**.

The state and global ranks are informational categories regarding the rarity and extirpation/extinction risk of the species. A brief explanation of legal status and informational ranks is attached to the end of this list. Members of the Scientific Advisory Groups (to the Vermont Endangered Species Committee) for Birds, Mammals, Fishes, Reptiles and Amphibians, and Invertebrates review the state ranks periodically for changes. Global ranks are developed and reviewed by NatureServe (<http://www.natureserve.org/explorer/>) and its international network of natural heritage data centers.

If you locate a rare or uncommon species, the Vermont Natural Heritage Inventory would appreciate receiving information on it. A rare animal report form is available to summarize information on a rare or uncommon animal occurrence. Contact the Vermont Natural Heritage Inventory or visit the Fish and Wildlife Library on <http://www.vtfishandwildlife.com> for a Rare Animal Reporting Form.

Please obtain landowner permission before accessing private property.

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Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
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## Fishes

<i>Ichthyomyzon fossor</i>	Northern Brook Lamprey	S1	G4	E		SGCN
<i>Ichthyomyzon unicuspis</i>	Silver Lamprey	S2?	G5	SC		SGCN
<i>Lethenteron appendix</i>	American Brook Lamprey	S1	G4	T		SGCN
Synonym(s): <i>Lampetra appendix</i>						
<i>Acipenser fulvescens</i>	Lake Sturgeon	S1	G3G4	E		SGCN
<i>Anguilla rostrata</i>	American Eel	S2	G4	SC		SGCN
<i>Chrosomus neogaeus</i>	Finescale Dace	S3?	G5			
<i>Cyprinella spiloptera</i>	Spotfin Shiner	S3S4	G5			
<i>Exoglossum maxillingua</i>	Cutlip Minnow	S3	G5			
<i>Hybognathus hankinsoni</i>	Brassy Minnow	S1	G5	SC		
<i>Hybognathus regius</i>	Eastern Silvery Minnow	S3S4	G5			
<i>Margariscus margarita</i>	Allegheny Pearl Dace	S3	G4			
<i>Margariscus nachtriebi</i>	Northern Pearl Dace	S1?	G5			SGCN
<i>Notropis bifrenatus</i>	Bridle Shiner	S1?	G3	SC		SGCN
<i>Notropis heterodon</i>	Blackchin Shiner	S1	G5	SC		SGCN
<i>Notropis heterolepis</i>	Blacknose Shiner	S1	G5			SGCN
<i>Notropis rubellus</i>	Rosyface Shiner	S3	G5			
<i>Carpiodes cyprinus</i>	Quillback	S1	G5	SC		
<i>Moxostoma anisurum</i>	Silver Redhorse	S2	G5	SC		SGCN
<i>Moxostoma macrolepidotum</i>	Shorthead Redhorse	S2	G5			SGCN
<i>Moxostoma valenciennesi</i>	Greater Redhorse	S1	G4	SC		SGCN
<i>Noturus flavus</i>	Stonecat	S1	G5	E		SGCN
<i>Prosopium cylindraceum</i>	Round Whitefish	S1	G5	SC		SGCN
<i>Salvelinus alpinus oquassa</i>	Arctic Char or Sunapee Trout	SX	G5T3T4Q			
<i>Esox masquinongy</i>	Muskellunge	S1	G5	SC		
<i>Umbra limi</i>	Central Mudminnow	S3S4	G5			
<i>Percopsis omiscomaycus</i>	Trout-perch	S3	G5			
<i>Lota lota</i>	Burbot	S3S4	G5			
<i>Labidesthes sicculus</i>	Brook Silverside	SU	G5			
<i>Culaea inconstans</i>	Brook Stickleback	S3	G5			
<i>Cottus bairdii</i>	Mottled Sculpin	S2	G5			SGCN
<i>Ammocrypta pellucida</i>	Eastern Sand Darter	S1	G4	T		SGCN
<i>Etheostoma flabellare</i>	Fantail Darter	S3	G5			
<i>Percina copelandi</i>	Channel Darter	S1	G4	E		SGCN

# Rare and Uncommon Species in Group: 33

## Amphibians

<i>Anaxyrus fowleri</i>	Fowler's Toad	S1	G5	E		SGCN
Synonym(s): <i>Bufo fowleri</i>						
<i>Pseudacris maculata</i>	Boreal Chorus Frog	S1	G5	E		SGCN
(previously listed as <i>Pseudacris triseriata</i> )						
<i>Lithobates septentrionalis</i>	Mink Frog	S3	G5			
Synonym(s): <i>Rana septentrionalis</i>						
<i>Ambystoma jeffersonianum</i>	Jefferson Salamander	S2	G4	SC		SGCN

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Ambystoma laterale</i>	Blue-spotted Salamander	S3	G5	SC		SGCN
<i>Hemidactylium scutatum</i>	Four-toed Salamander	S2	G5	SC		SGCN
<i>Necturus maculosus</i>	Mudpuppy	S2	G5	SC		SGCN

**# Rare and Uncommon Species in Group: 7**

**Reptiles**

<i>Clemmys guttata</i>	Spotted Turtle	S1	G5	E		SGCN
<i>Glyptemys insculpta</i>	Wood Turtle	S3	G3	SC		SGCN
<i>Graptemys geographica</i>	Northern Map Turtle	S3	G5	SC		
<i>Sternotherus odoratus</i>	Eastern Musk Turtle (Stinkpot)	S2	G5	SC		SGCN
<i>Apalone spinifera</i>	Spiny Softshell (Turtle)	S1	G5	T		SGCN
<i>Plestiodon fasciatus</i>	Common Five-lined Skink	S1	G5	E		SGCN
Synonym(s): <i>Eumeces fasciatus</i>						
<i>Coluber constrictor</i>	North American Racer	S1	G5	T		SGCN
<i>Nerodia sipedon</i>	Common Watersnake	S3	G5			SGCN
<i>Opheodrys vernalis</i>	Smooth Greensnake	S3	G5			SGCN
<i>Pantherophis alleghaniensis</i>	Eastern Ratsnake	S2	G4G5	T		SGCN
Synonym(s): <i>Elaphe obsoleta</i> , <i>Elaphe alleghaniensis</i>						
<i>Thamnophis sauritus</i>	Eastern Ribbonsnake	S2	G5	SC		SGCN
<i>Crotalus horridus</i>	Timber Rattlesnake	S1	G4	E		SGCN

**# Rare and Uncommon Species in Group: 12**

**Mammals**

<i>Microtus chrotorrhinus</i>	Rock Vole	S2	G4	SC		SGCN
<i>Microtus pinetorum</i>	Woodland Vole	S3	G5			SGCN
<i>Synaptomys cooperi</i>	Southern Bog Lemming	S2	G5			SGCN
<i>Sylvilagus transitionalis</i>	New England Cottontail	SH	G3	SC		SGCN
<i>Sorex dispar</i>	Long-tailed or Rock Shrew	S2	G4	SC		SGCN
<i>Sorex hoyi</i>	American Pygmy Shrew	S2	G5			SGCN
<i>Sorex palustris</i>	American Water Shrew	S3	G5			SGCN
<i>Lasionycteris noctivagans</i>	Silver-haired Bat	S2B	G3G4			SGCN
<i>Lasiurus cinereus</i>	Hoary Bat	S3B	G3G4			SGCN
<i>Myotis leibii</i>	Eastern Small-footed Bat	S1	G4	T		SGCN
<i>Myotis lucifugus</i>	Little Brown Bat	S1	G3	E		SGCN
<i>Myotis septentrionalis</i>	Northern Long-eared Bat	S1	G1G2	E	LT	SGCN
<i>Myotis sodalis</i>	Indiana Bat	S1	G2	E	LE	SGCN
<i>Perimyotis subflavus</i>	Tri-colored Bat	S1	G2G3	E		SGCN
Synonym(s): <i>Pipistrellus subflavus</i> (Eastern Pipistrelle)						
<i>Canis lupus</i>	Wolf	SX	G5		LE	SGCN
<i>Lynx canadensis</i>	Canadian Lynx	S1	G5	E	LT	SGCN
<i>Puma concolor cougar</i>	Eastern Mountain Lion	SH	G5TXQ	E	LE, PDL	SGCN
Synonym(s): <i>Felis concolor cougar</i>						
<i>Martes americana</i>	American Marten	S1	G5	E		SGCN
<i>Mustela frenata</i>	Long-tailed Weasel	S3S4	G5			SGCN

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
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# Rare and Uncommon Species in Group: 19

Birds

<i>Falcipecten canadensis</i>	Spruce Grouse	S1	G5	E		SGCN
<i>Anas acuta</i>	Northern Pintail	S1B	G5			
<i>Anas americana</i>	American Wigeon	S1B	G5			
<i>Anas crecca</i>	Green-winged Teal	S1B	G5	SC		
<i>Anas discors</i>	Blue-winged Teal	S2B	G5	SC		
<i>Anas rubripes</i>	American Black Duck	S3B,S5N	G5	SC		SGCN
<i>Anas strepera</i>	Gadwall	S1B	G5			
<i>Aythya collaris</i>	Ring-necked Duck	S1B	G5			
<i>Aythya marila</i>	Greater Scaup	S3N	G5			
<i>Bucephala clangula</i>	Common Goldeneye	S2B,S5N	G5			
<i>Bucephala islandica</i>	Barrow's Goldeneye	S3N	G5			
<i>Mergus serrator</i>	Red-breasted Merganser	S1B	G5			
<i>Gavia immer</i>	Common Loon	S3B	G5			SGCN
<i>Podilymbus podiceps</i>	Pied-billed Grebe	S2S3B	G5	SC		SGCN
<i>Ardea alba</i>	Great Egret	S1B	G5			
<i>Ardea herodias</i>	Great Blue Heron	S3S4B	G5			SGCN
<i>Botaurus lentiginosus</i>	American Bittern	S3B	G5			SGCN
<i>Bubulcus ibis</i>	Cattle Egret	S1B	G5			
<i>Ixobrychus exilis</i>	Least Bittern	S2B	G5	SC		SGCN
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron	S1B	G5	SC		SGCN
<i>Cathartes aura</i>	Turkey Vulture	S3S4B	G5			
<i>Pandion haliaetus</i>	Osprey	S3B	G5			
<i>Accipiter cooperii</i>	Cooper's Hawk	S3B,S3N	G5			
<i>Accipiter gentilis</i>	Northern Goshawk	S2B,S3N	G5			SGCN
<i>Accipiter striatus</i>	Sharp-shinned Hawk	S3B,S3N	G5			
<i>Buteo jamaicensis</i>	Red-tailed Hawk	S3S4B,S5N	G5			
<i>Buteo lineatus</i>	Red-shouldered Hawk	S2B	G5			SGCN
<i>Circus cyaneus</i>	Northern Harrier	S3B	G5	SC		SGCN
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S1B,S4N	G5	E		SGCN
<i>Fulica americana</i>	American Coot	SUB,SNAM	G5			
<i>Gallinula galeata</i>	Common Gallinule	S1S2B	G5	SC		
<i>Porzana carolina</i>	Sora	S3B	G5	SC		SGCN
<i>Grus canadensis</i>	Sandhill Crane	S1B	G5			
<i>Bartramia longicauda</i>	Upland Sandpiper	S2B	G5	E		SGCN
<i>Chlidonias niger</i>	Black Tern	S1B	G4G5	E		SGCN
<i>Hydroprogne caspia</i>	Caspian Tern	S1B	G5			
<i>Sterna hirundo</i>	Common Tern	S1B	G5	E		SGCN
<i>Larus argentatus</i>	Herring Gull	S1B,S5N	G5			
<i>Larus marinus</i>	Great Black-backed Gull	S1B,S5N	G5			
<i>Coccyzus americanus</i>	Yellow-billed Cuckoo	S3B	G5			
<i>Tyto alba</i>	Barn Owl	S1B	G5			
<i>Aegolius acadicus</i>	Northern Saw-whet Owl	S3B,S3N	G5			

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Asio flammeus</i>	Short-eared Owl	S1B,S1N	G5			SGCN
<i>Asio otus</i>	Long-eared Owl	S1B,SNAN	G5			
<i>Bubo virginianus</i>	Great Horned Owl	S3	G5			
<i>Megascops asio</i>	Eastern Screech-Owl	S3	G5			
<i>Antrostomus vociferus</i>	Eastern Whip-poor-will	S2B	G5	T		SGCN
	Synonym(s): <i>Caprimulgus vociferus</i>					
<i>Chordeiles minor</i>	Common Nighthawk	S1B	G5	E		SGCN
<i>Melanerpes carolinus</i>	Red-bellied Woodpecker	S3	G5			
<i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	S1B	G5	SC		
<i>Picoides arcticus</i>	Black-backed Woodpecker	S2	G5	SC		SGCN
<i>Picoides dorsalis</i>	American Three-toed Woodpecker	S1	G5			
<i>Falco columbarius</i>	Merlin	S2B	G5			
<i>Falco peregrinus</i>	Peregrine Falcon	S3B	G4			SGCN
<i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher	S3B	G5			
<i>Lanius excubitor</i>	Northern Shrike	S3N	G5			
<i>Lanius ludovicianus</i>	Loggerhead Shrike	SHB	G4	E		
<i>Vireo philadelphicus</i>	Philadelphia Vireo	S1B	G5			
<i>Corvus corax</i>	Common Raven	S3	G5			
<i>Corvus ossifragus</i>	Fish Crow	S1B	G5			
<i>Perisoreus canadensis</i>	Gray Jay	S2	G5	SC		SGCN
<i>Bombycilla garrulus</i>	Bohemian Waxwing	S3N	G5			
<i>Poecile hudsonicus</i>	Boreal Chickadee	S2	G5	SC		
<i>Eremophila alpestris</i>	Horned Lark	S2B,S5N	G5			
<i>Progne subis</i>	Purple Martin	S3B	G5	SC		SGCN
<i>Cistothorus platensis</i>	Sedge Wren	S2B	G5	E		SGCN
<i>Poliotilta caerulea</i>	Blue-gray Gnatcatcher	S3B	G5			
<i>Catharus bicknelli</i>	Bicknell's Thrush	S2B	G4	SC		SGCN
<i>Loxia curvirostra</i>	Red Crossbill	S1B,S2N	G5			
<i>Loxia leucoptera</i>	White-winged Crossbill	S3B,S3N	G5			
<i>Pinicola enucleator</i>	Pine Grosbeak	S3N	G5			
<i>Spinus pinus</i>	Pine Siskin	S3B,S4N	G5			
<i>Cardellina pusilla</i>	Wilson's Warbler	S1B	G5			
<i>Oreothlypis peregrina</i>	Tennessee Warbler	S1B	G5			
<i>Setophaga castanea</i>	Bay-breasted Warbler	S2B	G5			SGCN
<i>Setophaga cerulea</i>	Cerulean Warbler	S1S2B	G4	SC		SGCN
<i>Setophaga discolor</i>	Prairie Warbler	S3B	G5	SC		SGCN
<i>Setophaga palmarum</i>	Palm Warbler	S1B	G5			
<i>Setophaga tigrina</i>	Cape May Warbler	S1B	G5			
<i>Vermivora chrysoptera</i>	Golden-winged Warbler	S3B	G4	SC		SGCN
<i>Vermivora cyanoptera</i>	Blue-winged Warbler	S3B	G5	SC		SGCN
<i>Euphagus carolinus</i>	Rusty Blackbird	S3B	G4	E		SGCN
<i>Icterus spurius</i>	Orchard Oriole	S2B	G5			
<i>Ammodramus henslowii</i>	Henslow's Sparrow	S1B	G4	E		
<i>Ammodramus savannarum</i>	Grasshopper Sparrow	S1B	G5	T		SGCN
<i>Pooecetes gramineus</i>	Vesper Sparrow	S2S3B	G5	SC	SC	SGCN

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Spizella pallida</i>	Clay-colored Sparrow	S2B	G5			
<i>Calcarius lapponicus</i>	Lapland Longspur	S3N	G5			

**# Rare and Uncommon Species in Group: 88**

**Isopods**

<i>Lirceus lineatus</i>	An Isopod	S1?	G5	SC		
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**# Rare and Uncommon Species in Group: 1**

**Amphipods**

<i>Monoporeia affinis</i>	An Amphipod	S1	GNR	SC		
<i>Stygobromus borealis</i>	Taconic Cave Amphipod	S1	G2G3	E		SGCN

**# Rare and Uncommon Species in Group: 2**

**Freshwater Mussels**

<i>Margaritifera margaritifera</i>	Eastern Pearlshell	S2	G4	T		SGCN
<i>Alasmidonta heterodon</i>	Dwarf Wedgemussel	S1	G1G2	E	LE	SGCN
<i>Alasmidonta marginata</i>	Elktoe	S1	G4	SC		SGCN
<i>Alasmidonta undulata</i>	Triangle Floater	S3	G4			
<i>Alasmidonta varicosa</i>	Brook Floater	S1	G3	T		SGCN
<i>Anodonta implicata</i>	Alewife Floater	S1	G5			SGCN
<i>Anodontoides ferussacianus</i>	Cylindrical Papershell	S1S2	G5	E		SGCN
<i>Lampsilis ovata</i>	Pocketbook	S2	G5	E		SGCN
<i>Lasmigona compressa</i>	Creek Heelsplitter	S2	G5			SGCN
<i>Lasmigona costata</i>	Fluted-shell	S2	G5	E		SGCN
<i>Leptodea fragilis</i>	Fragile Papershell	S2	G5	E		SGCN
<i>Ligumia recta</i>	Black Sandshell	S1	G4G5	E		SGCN
<i>Potamilus alatus</i>	Pink Heelsplitter	S2	G5	E		SGCN
<i>Pyganodon grandis</i>	Giant Floater	S2S3	G5	T		SGCN
<i>Strophitus undulatus</i>	Creeper	S3	G5			

**# Rare and Uncommon Species in Group: 15**

**Freshwater Snails**

<i>Birgella subglobosus</i>	Globe Siltsnail	SH	G4			
<i>Acella haldemani</i>	Spindle Lymnaea	S1S3	G3			SGCN
<i>Bulimnaea megasoma</i>	Mammoth Lymnaea	SH	G4G5			SGCN

**# Rare and Uncommon Species in Group: 3**

**Crayfish**

<i>Cambarus bartonii</i>	Appalachian Brook Crayfish	S3	G5			SGCN
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**# Rare and Uncommon Species in Group: 1**

**Moths and Butterflies**

<i>Argyresthia castaneella</i>	Chestnut Ermine Moth	SX	GH	SC		
<i>Erynnis baptisiae</i>	Wild Indigo Duskywing	SU	G5			
<i>Erynnis horatius</i>	Horace's Duskywing	SU	G5			

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Erynnis lucilius</i>	Columbine Duskywing	SU	G5			
<i>Erynnis persius</i>	Persius Duskywing	SU	G5			
<i>Pholisora catullus</i>	Common Sootywing	S1	G5			
<i>Hesperia metea</i>	Cobweb Skipper	S1	G4			SGCN
<i>Polites origenes</i>	Crossline Skipper	S3	G4G5			
<i>Poanes massasoit</i>	Mulberry Wing	S2	G4			SGCN
<i>Poanes viator</i>	Broad-winged Skipper	S2S3	G5			
<i>Euphyes bimacula</i>	Two-spotted Skipper	S1S2	G4			SGCN
<i>Euphyes conspicua</i>	Black Dash	S1	G4			SGCN
<i>Euphyes dion</i>	Dion Skipper	S2	G4			SGCN
<i>Atrytonopsis hianna</i>	Dusted Skipper	S1	G4G5			SGCN
<i>Papilio glaucus</i>	Eastern Tiger Swallowtail	S1	G5			
<i>Papilio troilus</i>	Spicebush Swallowtail	S1	G4?			
<i>Colias interior</i>	Pink-edged Sulphur	S3	G5			
<i>Pieris virginianensis</i>	West Virginia White	S3S4	G3?	SC		SGCN
<i>Callophrys augustinus</i>	Brown Elfin	S3	G5			
<i>Callophrys gryneus</i>	Juniper Hairstreak	S3	G5			
<i>Callophrys irus</i>	Frosted Elfin	S1	G3			
<i>Erora laeta</i>	Early Hairstreak	S2S3	GU			SGCN
<i>Lycaena epixanthe</i>	Bog Copper	S2	G5			SGCN
<i>Satyrium caryaevorus</i>	Hickory Hairstreak	S3	G4			
<i>Strymon melinus</i>	Gray Hairstreak	S2S3	G5			
<i>Asterocampa celtis</i>	Hackberry Emperor	S1S2	G5			SGCN
<i>Asterocampa clyton</i>	Tawny Emperor	S1S2	G5			SGCN
<i>Chlosyne nycteis</i>	Silvery Checkerspot	S1S2	G5			
<i>Lethe appalachia</i>	Appalachian Brown	S1S2	G4			
<i>Oeneis jutta</i>	Jutta Arctic	S1	G5			SGCN
<i>Speyeria idalia</i>	Regal Fritillary	SX	G3	SC		SGCN
<i>Antheraea polyphemus</i>	Polyphemus Moth	S3	G5			
<i>Callosamia promethea</i>	Promethea Silkmoth	S3	G5			
<i>Eacles imperialis imperialis</i>	Imperial Moth	SH	G5T5	SC		
<i>Eacles imperialis pini</i>	Pine Imperial Moth	S1	G5T3T4	SC		SGCN
<i>Hyalophora cecropia</i>	Cecropia Moth	S3	G5			
<i>Lintneria eremitus</i>	Hermit Sphinx	SH	G4G5	SC		
<i>Sphinx drupiferarum</i>	Plum Sphinx	SH	G3G5	SC		SGCN
<i>Catocala marmorata</i>	Marbled Underwing Moth	SH	G3G4			
<i>Zale submediana</i>	A Noctuid Moth	S1?	G4			SGCN
<i>Zanclognatha martha</i>	Pine Barrens Zanclognatha	S1?	G4			SGCN
<i>Lasionycta taigata</i>	A Noctuid Moth	SH	G4			SGCN
<i>Lithophane franclemonti</i>	Franclemont's Lithophane	S1S3	G2G4			SGCN
<i>Pachypolia atricornis</i>	An Autumnal Noctuid Moth	S1S3	G3G4			SGCN
<i>Papaipema sp. 2 nr. pterisii</i>	Ostrich Fern Borer	S2	G3G4			SGCN
<i>Properigea costa</i>	Barrens Moth	SH	G4			SGCN
<i>Xestia (Pachnobia) fabulosa</i>	A Noctuid Moth	S1S2	G4			SGCN
<i>Xestia (Pachnobia) homogena</i>	A Noctuid Moth	S1S2	G4			SGCN

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
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# Rare and Uncommon Species in Group: 48

Odonates

<i>Hetaerina americana</i>	American Rubyspot	S2S3	G5			SGCN
<i>Lestes unguiculatus</i>	Lyre-tipped Spreadwing	S3S4	G5			
<i>Argia apicalis</i>	Blue-fronted Dancer	S3	G5			SGCN
<i>Coenagrion interrogatum</i>	Subarctic Bluet	S1	G5			SGCN
<i>Enallagma annexum</i>	Northern Bluet	S3S4	G5			
<i>Enallagma antennatum</i>	Rainbow Bluet	S2S3	G5			SGCN
<i>Enallagma basidens</i>	Double-striped Bluet	SNR	G5			
<i>Enallagma durum</i>	Big Bluet	S1	G5			SGCN
<i>Enallagma laterale</i>	New England Bluet	S1	G3G4			SGCN
<i>Enallagma traviatum</i>	Slender Bluet	S1S2	G5			SGCN
<i>Ischnura kellicotti</i>	Lilypad Forktail	S1S2	G5			SGCN
<i>Nehalennia gracilis</i>	Sphagnum Sprite	S3	G5			
<i>Aeshna clepsydra</i>	Mottled Darner	S2S3	G4G5			SGCN
<i>Aeshna subarctica</i>	Subarctic Darner	S1	G5			SGCN
<i>Aeshna verticalis</i>	Green-striped Darner	S3S4	G5			
<i>Anax longipes</i>	Comet Darner	SU	G5			SGCN
<i>Epiaschna heros</i>	Swamp Darner	SU	G5			SGCN
<i>Gomphaeschna furcillata</i>	Harlequin Darner	S2S3	G5			
<i>Nasiaeschna pentacantha</i>	Cyrano Darner	S1	G5			SGCN
<i>Rhionaeschna mutata</i>	Spatterdock Darner	S1	G4			SGCN
<i>Arigomphus furcifer</i>	Lilypad Clubtail	S3S4	G5			
<i>Arigomphus villosipes</i>	Unicorn Clubtail	S3	G5			
<i>Gomphus abbreviatus</i>	Spine-crowned Clubtail	S1S2	G4			SGCN
<i>Gomphus adelphus</i>	Mustached Clubtail	S3	G4G5			
<i>Gomphus descriptus</i>	Harpoon Clubtail	S3	G4			
<i>Gomphus fraternus</i>	Midland Clubtail	SNR	G5			SGCN
<i>Gomphus lividus</i>	Ashy Clubtail	S2S3	G5			
<i>Gomphus quadricolor</i>	Rapids Clubtail	S2	G3G4			SGCN
<i>Gomphus vastus</i>	Cobra Clubtail	S1	G5			SGCN
<i>Gomphus ventricosus</i>	Skillet Clubtail	S1	G3			SGCN
<i>Hagenius brevistylus</i>	Dragonhunter	S3S4	G5			
<i>Lanthus vernalis</i>	Southern Pygmy Clubtail	S3	G4			
<i>Ophiogomphus mainensis</i>	Maine Snaketail	S3	G4G5			SGCN
<i>Ophiogomphus rupinsulensis</i>	Rusty Snaketail	S3?	G5			SGCN
<i>Stylurus amnicola</i>	Riverine Clubtail	S1	G4			SGCN
<i>Stylurus scudderii</i>	Zebra Clubtail	S3S4	G4G5			SGCN
<i>Stylurus spiniceps</i>	Arrow Clubtail	S3S4	G5			
<i>Cordulegaster obliqua</i>	Arrowhead Spiketail	S1S2	G4			
<i>Dorocordulia lepida</i>	Petite Emerald	S3	G5			SGCN
<i>Helocordulia uhleri</i>	Uhler's Sundragon	S3S4	G5			
<i>Neurocordulia yamaskanensis</i>	Stygian Shadowdragon	S3	G5			SGCN
<i>Somatochlora albicincta</i>	Ringed Emerald	S1	G5			SGCN



Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Somatochlora cingulata</i>	Lake Emerald	S1S2	G5			SGCN
<i>Somatochlora elongata</i>	Ski-tipped Emerald	S3	G5			SGCN
<i>Somatochlora forcipata</i>	Forcipate Emerald	S2S3	G5			SGCN
<i>Somatochlora franklini</i>	Delicate Emerald	S1S2	G5			SGCN
<i>Somatochlora kennedyi</i>	Kennedy's Emerald	S1S2	G5			SGCN
<i>Somatochlora minor</i>	Ocellated Emerald	S2	G5			
<i>Somatochlora tenebrosa</i>	Clamp-tipped Emerald	S3S4	G5			
<i>Somatochlora williamsoni</i>	Williamson's Emerald	S3S4	G5			
<i>Williamsonia fletcheri</i>	Ebony Boghaunter	S1S2	G4			SGCN
<i>Libellula cyanea</i>	Spangled Skimmer	S2	G5			
<i>Nannothemis bella</i>	Elfin Skimmer	S3	G4			
<i>Pantala flavescens</i>	Wandering Glider	S3S4B	G5			
<i>Pantala hymenaea</i>	Spot-winged Glider	S3S4B	G5			
<i>Sympetrum costiferum</i>	Saffron-winged Meadowhawk	S3	G5			
<i>Sympetrum danae</i>	Black Meadowhawk	S1S2	G5			SGCN

# Rare and Uncommon Species in Group: 57

#### Caddisflies

<i>Ceraclea submacula</i>	A Caddisfly	SNR	G3G4			SGCN
<i>Polycentropus glacialis</i>	A Caddisfly	SNR	G3G4			SGCN
<i>Polycentropus iculus</i>	A Caddisfly	SNR	G3G4			SGCN

# Rare and Uncommon Species in Group: 3

#### Mayflies

<i>Epeorus frisoni</i>	Roaring Brook Mayfly	S1	G1			SGCN
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# Rare and Uncommon Species in Group: 1

#### Beetles

<i>Agonum crenistriatum</i>	A Ground Beetle	S2	GNR			SGCN
<i>Agonum darlingtoni</i>	A Ground Beetle	S2	GNR			SGCN
<i>Agonum decorum</i>	A Ground Beetle	S3	GNR			
<i>Agonum moerens</i>	A Ground Beetle	S3?	GNR			SGCN
<i>Agonum picicornoides</i>	A Ground Beetle	S3	GNR			SGCN
<i>Agonum punctiforme</i>	A Ground Beetle	S2?	GNR			SGCN
<i>Agonum superioris</i>	A Ground Beetle	S3?	GNR			SGCN
<i>Amara erraticus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Amara laevipennis</i>	A Ground Beetle	S3	GNR			SGCN
<i>Apristus latens</i>	A Ground Beetle	S2	GNR			SGCN
<i>Atranus pubescens</i>	A Ground Beetle	S2	GNR			SGCN
<i>Bembidion affine</i>	A Ground Beetle	S3	GNR			SGCN
<i>Bembidion cordatum</i>	A Ground Beetle	S1	GNR			SGCN
<i>Bembidion grapii</i>	A Ground Beetle	S2	GNR			SGCN
<i>Bembidion muscicola</i>	A Ground Beetle	S3	GNR			
<i>Bembidion mutatum</i>	A Ground Beetle	S2	GNR			SGCN
<i>Bembidion quadratum</i>	A Ground Beetle	S2	GNR			SGCN

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Bembidion robusticolle</i>	A Ground Beetle	S1?	GNR			SGCN
<i>Bembidion rolandi</i>	A Ground Beetle	S2	GNR			SGCN
<i>Bembidion rufotinctum</i>	A Ground Beetle	S2	GNR	SC		SGCN
<i>Blethisa hudsonica</i>	A Ground Beetle	S3	GNR			SGCN
<i>Blethisa julii</i>	A Ground Beetle	S2	GNR			SGCN
<i>Blethisa quadricollis</i>	A Ground Beetle	S1	GNR			SGCN
<i>Carabus goryi</i>	A Ground Beetle	S3	GNR			SGCN
<i>Carabus maeander</i>	A Ground Beetle	S3	GNR			SGCN
<i>Dicaelus dilatatus</i>	A Ground Beetle	S1	GNR			SGCN
<i>Dicaelus teter</i>	A Ground Beetle	S2	GNR			SGCN
<i>Dicheirotichus cognatus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Diplocheila assimilis</i>	A Ground Beetle	S3	GNR			
<i>Diplocheila impressicollis</i>	A Ground Beetle	S3	GNR			SGCN
<i>Diplocheila striatopunctata</i>	A Ground Beetle	S3	GNR			SGCN
<i>Dyschirius brevispinus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Dyschirius erythrocerus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Dyschirius politus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Elaphropus dolosus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Elaphropus levipes</i>	A Ground Beetle	S2	GNR			SGCN
<i>Elaphrus fuliginosus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Geopinus incrassatus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Harpalus fulvilabris</i>	A Ground Beetle	S2	GNR			SGCN
<i>Harpalus indigenus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Harpalus providens</i>	A Ground Beetle	S2	GNR			SGCN
<i>Lophoglossus scrutator</i>	A Ground Beetle	S1	GNR			SGCN
<i>Miscodera arctica</i>	A Ground Beetle	S1	GNR			
<i>Nebria suturalis</i>	A Ground Beetle	S1	GNR			SGCN
<i>Notiobia sayi</i>	A Ground Beetle	S2	GNR			SGCN
<i>Notiophilus aquaticus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Notiophilus borealis</i>	A Ground Beetle	S1	GNR			SGCN
<i>Notiophilus nemoralis</i>	A Ground Beetle	S3	GNR			SGCN
<i>Notiophilus novemstriatus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Olisthopus micans</i>	A Ground Beetle	S2	GNR			SGCN
<i>Patrobus foveocollis</i>	A Ground Beetle	S2	GNR			SGCN
<i>Pentagonica picticornis</i>	A Ground Beetle	S2	GNR			SGCN
<i>Pericompsus ephippiatus</i>	A Ground Beetle	S1	GNR			SGCN
<i>Philodes alternans</i>	A Ground Beetle	S1?	GNR			SGCN
<i>Philodes rectangulus</i>	A Ground Beetle	S2?	GNR			SGCN
<i>Platynus cincticollis</i>	A Ground Beetle	S1?	GNR			SGCN
<i>Platynus parmarginatus</i>	A Ground Beetle	S2	GNR			
<i>Platypatrobus lacustris</i>	A Ground Beetle	S1	GNR			SGCN
<i>Pseudamara arenaria</i>	A Ground Beetle	S3	GNR			SGCN
<i>Pterostichus brevicornis</i>	A Ground Beetle	S3	GNR			SGCN
<i>Pterostichus castor</i>	A Ground Beetle	S3	GNR			SGCN
<i>Pterostichus lachrymosus</i>	A Ground Beetle	S3	GNR			

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Pterostichus pinguedineus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Pterostichus punctatissimus</i>	A Ground Beetle	S3	GNR			SGCN
<i>Scaphinotus bilobus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Schizogenius ferrugineus</i>	A Ground Beetle	S1	GNR			SGCN
<i>Sericoda obsoleta</i>	A Ground Beetle	S1	GNR			SGCN
<i>Sericoda quadripunctata</i>	A Ground Beetle	S1	GNR			SGCN
<i>Sphaeroderus nitidicollis brevoorti</i>	A Ground Beetle	S2	GNRTNR			SGCN
<i>Tachys oblitus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Tachys rhodeanus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Tetragonoderus fasciatus</i>	A Ground Beetle	S2	GNR			SGCN
<i>Tetraleucus picticornis</i>	A Ground Beetle	S2	GNR			SGCN
<i>Cicindela ancocisconensis</i>	Boulder-beach Tiger Beetle	S1	G3			SGCN
<i>Cicindela hirticollis</i>	Hairy-necked Tiger Beetle	S1	G5	T		SGCN
<i>Cicindela limbalis</i>	Clay Bank Tiger Beetle	S3S4	G5			
<i>Cicindela longilabris</i>	Boreal Long-lipped Tiger Beetle	S2	G5			SGCN
<i>Cicindela marginipennis</i>	Cobblestone Tiger Beetle	S1	G2	T		SGCN
<i>Cicindela patruela</i>	Northern Barrens Tiger Beetle	S1	G3	SC		SGCN
<i>Cicindela puritana</i>	Puritan Tiger Beetle	SH	G1G2	T	LT	SGCN
<i>Cicindela purpurea</i>	Cow Path Tiger Beetle	SU	G5	SC		
<i>Cicindela rufiventris</i>	Red-bellied Tiger Beetle	SNR	G5			SGCN
<i>Cicindela tranquebarica</i>	Oblique-lined Tiger Beetle	S3	G5			

**# Rare and Uncommon Species in Group: 83**

**Ants and Bees**

<i>Bombus affinis</i>	Rusty-patched Bumble Bee	SH	G1	E	LE	SGCN
<i>Bombus ashtoni</i> ( <i>Bombus bohemicus</i> )	Ashton Cuckoo Bumble Bee	SH	GH	E		SGCN
<i>Bombus citrinus</i>	Lemon Cuckoo Bumble Bee	S2S3	G4G5			SGCN
<i>Bombus fervidus</i>	Yellow Bumble Bee	S1S2	G4?			SGCN
<i>Bombus pensylvanicus</i>	American Bumble Bee	SH	G3G4			SGCN
<i>Bombus rufocinctus</i>	Red-belted Bumble Bee	S3S4	G4G5			SGCN
<i>Bombus terricola</i>	Yellow-banded Bumble Bee	S2S3	G3G5	T		SGCN
<i>Temnothorax pilagens</i>	Pillage Ant	S1S3	GNR			SGCN

**# Rare and Uncommon Species in Group: 8**

## Explanation of Legal Status and Information Ranks

**State Rank and Global Rank** - The rarity (abundance) or endangerment of a native taxon within Vermont's geographic boundary or throughout its range, respectively. Ranks are as follows:

- 1 - Very rare (Critically imperiled): At very high risk of extinction or extirpation due to extreme rarity (often 5 or fewer populations or occurrences), very steep declines, or other factors
- 2 - Rare (Imperiled): At high risk of extinction or extirpation due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors
- 3 - Uncommon (Vulnerable): Moderate risk of extinction/extirpation due to restricted range, relatively few populations or occurrences (often 80 or fewer), recent and widespread declines, or other factors
- 4 - Common to uncommon (Apparently secure): locally common or widely scattered to uncommon, but not rare; some cause for long-term concern due to declines or other factors; or stable over many decades and not threatened but of restricted distribution or other factors
- 5 - Common (Secure): widespread and abundant
- H - Possibly extinct/extirpated: Missing; known from only historical occurrences but hope of rediscovery
- X - Presumed extinct/extirpated: Not located despite intensive searches, little likelihood of rediscovery
- U - Unrankable: Currently unrankable due to lack of information or conflicting information about status or trends
- NR - Not ranked: Not yet assessed
- NA - Not applicable. Element is not a suitable target for conservation for one of the following reasons: Hybrid, Exotic Origin, Accidental/Nonregular, Not Confidently Present, No Definable Occurrences

The following may follow a numeric rank to provide further information:

- ? - indicates uncertainty about the rank; may also be expressed in the form of a range rank (e.g. S1S3)
- B - Indicates the preceding rank is for breeding populations
- N - Indicates the preceding rank is for nonbreeding populations
- M - Indicates the preceding rank is for migratory populations
- T - For global ranks only, indicates an infraspecies.
- Q - For global ranks only, indicates questionable taxonomy.

**State Status** - Legal protection under Vermont Endangered Species Law (10 V.S.A. Chap. 123) or informational category (not established by law)

- E = Endangered: in immediate danger of becoming extirpated in the state
- T = Threatened: with high possibility of becoming endangered in the near future
- SC = Special Concern: status should be watched (does not denote legal protection)
- RE = Recommended by Endangered Species Committee for Endangered (does not denote legal protection)
- RT = Recommended by Endangered Species Committee for Threatened (does not denote legal protection)
- PE = Proposed for Endangered Status
- PT = Proposed for Threatened Status
- PDL = Proposed for Delisting
- RDL = Recommended for Delisting

**Federal Status** - Designation under the federal Endangered Species Act, U.S. Fish & Wildlife Service

- LE = Listed Endangered
- LT = Listed Threatened
- SC = Species of Concern (does not denote legal protection)
- C = Candidate for Listing (does not denote legal protection)
- PE = Proposed for Endangered (does not denote legal protection)
- PT = Proposed for Threatened (does not denote legal protection)
- PDL = Proposed for Delisting

**SGCN** - Species of Greatest Conservation Need as identified in the Vermont Wildlife Action Plan; does not denote legal protection.