



Fishes of Vermont
Vermont Fish & Wildlife Department
Natural Heritage Information Project
23 March 2011



The following is a list of fish species known to regularly occur in Vermont. Historic species (not documented in Vermont in the last 25 years) are included if there is a reasonable expectation of their return. Extinct or extirpated species are not included. The list is organized taxonomically to genus, then alphabetically within genus.

Species not native to Vermont are indicated with an asterisk (*).

Questions about this list can be directed to the Vermont Natural Heritage Information Project, Vermont Fish & Wildlife Department, 103 South Main Street, Building 10 South, Waterbury, VT 05671-0501. (802) 241-3700

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Ichthyomyzon fossor</i>	Northern Brook Lamprey	S1	G4	E		SGCN
<i>Ichthyomyzon unicuspis</i>	Silver Lamprey	S2?	G5	SC		SGCN
<i>Lampetra appendix</i>	American Brook Lamprey	S1	G4	T		SGCN
<i>Petromyzon marinus</i>	Sea Lamprey	S4S5	G5			SGCN
<i>Acipenser fulvescens</i>	Lake Sturgeon	S1	G3G4	E		SGCN
<i>Lepisosteus osseus</i>	Longnose Gar	S4	G5			
<i>Amia calva</i>	Bowfin	S4	G5			
<i>Hiodon tergisus</i>	Mooneye	SU	G5			SGCN
<i>Anguilla rostrata</i>	American Eel	S2	G4	SC		SGCN
<i>Alosa aestivalis</i>	Blueback Herring	SU	G5		SC	SGCN
* <i>Alosa pseudoharengus</i>	Alewife	SNA	G5			
<i>Alosa sapidissima</i>	American Shad	S4	G5			SGCN
* <i>Dorosoma cepedianum</i>	Gizzard Shad	SNA	G5			
* <i>Carassius auratus</i>	Goldfish	SNA	G5			
<i>Couesius plumbeus</i>	Lake Chub	S4	G5			
<i>Cyprinella spiloptera</i>	Spotfin Shiner	S3S4	G5			
* <i>Cyprinus carpio</i>	Common Carp	SNA	G5			
<i>Exoglossum maxillingua</i>	Cutlips Minnow	S3	G5			
<i>Hybognathus hankinsoni</i>	Brassy Minnow	S1	G5	SC		SGCN
<i>Hybognathus regius</i>	Eastern Silvery Minnow	S3S4	G5			
<i>Luxilus cornutus</i>	Common Shiner	S5	G5			
<i>Margariscus margarita</i>	Pearl Dace	S3	G5			
<i>Notemigonus crysoleucas</i>	Golden Shiner	S5	G5			
<i>Notropis atherinoides</i>	Emerald Shiner	S5?	G5			
<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	G4			SGCN
<i>Notropis hudsonius</i>	Spottail Shiner	S5	G5			
<i>Notropis rubellus</i>	Rosyface Shiner	S3	G5			
<i>Notropis stramineus</i>	Sand Shiner	S4	G5			
<i>Notropis volucellus</i>	Mimic Shiner	S5	G5			
<i>Phoxinus eos</i>	Northern Redbelly Dace	S4	G5			
<i>Phoxinus neogaeus</i>	Finescale Dace	S3?	G5			
<i>Pimephales notatus</i>	Bluntnose Minnow	S4S5	G5			
<i>Pimephales promelas</i>	Fathead Minnow	S4	G5			

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Rhinichthys atratulus</i>	Blacknose Dace	S5	G5			
<i>Rhinichthys cataractae</i>	Longnose Dace	S5	G5			
* <i>Scardinius erythrophthalmus</i>	Rudd	SNA	G5			
<i>Semotilus atromaculatus</i>	Creek Chub	S5	G5			
<i>Semotilus corporalis</i>	Fallfish	S5	G5			
* <i>Tinca tinca</i>	Tench	SNA	G5			
<i>Carpiodes cyprinus</i>	Quillback	S1	G5	SC		SGCN
<i>Catostomus catostomus</i>	Longnose Sucker	S4	G5			
<i>Catostomus commersonii</i>	White Sucker	S5	G5			
<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>Ameiurus natalis</i>	Yellow Bullhead	S4	G5			
<i>Ameiurus nebulosus</i>	Brown Bullhead	S5	G5			
<i>Ictalurus punctatus</i>	Channel Catfish	S4	G5			
<i>Noturus flavus</i>	Stonecat	S1	G5	E		SGCN
<i>Osmerus mordax</i>	Rainbow Smelt	S5	G5			
<i>Coregonus artedi</i>	Cisco or Lake Herring	S4	G5			SGCN
<i>Coregonus clupeaformis</i>	Lake Whitefish	S4?	G5			SGCN
* <i>Oncorhynchus mykiss</i>	Rainbow Trout	SNA	G5			
<i>Prosopium cylindraceum</i>	Round Whitefish	S1	G5	SC		SGCN
<i>Salmo salar</i>	Atlantic Salmon	S4	G5			SGCN
* <i>Salmo trutta</i>	Brown Trout	SNA	G5			
<i>Salvelinus fontinalis</i>	Brook Trout	S5	G5			SGCN
<i>Salvelinus namaycush</i>	Lake Trout	S4	G5			SGCN
<i>Esox americanus</i>	Redfin Pickerel	S4	G5			SGCN
<i>Esox lucius</i>	Northern Pike	S4	G5			
<i>Esox masquinongy</i>	Muskellunge	S1	G5	SC		SGCN
<i>Esox niger</i>	Chain Pickerel	S5	G5			
<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>Fundulus diaphanus</i>	Banded Killifish	S4	G5			
<i>Culaea inconstans</i>	Brook Stickleback	S3	G5			
<i>Cottus bairdii</i>	Mottled Sculpin	S2	G5			SGCN
<i>Cottus cognatus</i>	Slimy Sculpin	S5	G5			
* <i>Morone americana</i>	White Perch	SNA	G5			
<i>Ambloplites rupestris</i>	Rock Bass	S5	G5			
<i>Lepomis auritus</i>	Redbreast Sunfish	S4	G5			SGCN
<i>Lepomis gibbosus</i>	Pumpkinseed	S5	G5			
<i>Lepomis macrochirus</i>	Bluegill	S5	G5			
* <i>Lepomis microlophus</i>	Redear Sunfish	SNA	G5			
<i>Micropterus dolomieu</i>	Smallmouth Bass	S5	G5			
<i>Micropterus salmoides</i>	Largemouth Bass	S5	G5			
* <i>Pomoxis annularis</i>	White Crappie	SNA	G5			
<i>Pomoxis nigromaculatus</i>	Black Crappie	S4	G5			
<i>Ammocrypta pellucida</i>	Eastern Sand Darter	S1	G3	T		SGCN
<i>Etheostoma flabellare</i>	Fantail Darter	S3	G5			

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<i>Etheostoma olmstedii</i>	Tessellated Darter	S5	G5			
<i>Perca flavescens</i>	Yellow Perch	S5	G5			
<i>Percina caprodes</i>	Logperch	S4	G5			
<i>Percina copelandi</i>	Channel Darter	S1	G4	E		SGCN
<i>Sander canadensis</i>	Sauger	S4S5	G5			SGCN
<i>Sander vitreus</i>	Walleye	S5	G5			
<i>Aplodinotus grunniens</i>	Freshwater Drum	S4	G5			

Species: 91

Explanation of Legal Status and Information Ranks

State Rank and Global Rank - Value that best characterizes the relative rarity (abundance) or endangerment of a 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): At moderate risk of extinction or 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 still some hope of rediscovery

X - Presumed extinct/extirpated: Not located despite intensive searches and virtually no likelihood of rediscovery

U = Unrankable: Currently unrankable due to lack of information or due to substantially 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

An indicator of uncertainty about the rank, either in the form of a range rank (e.g. S1S3) or a ? qualifier, may follow a numeric rank.

For global ranks only, an appended T-rank indicates an infraspecies.

For global ranks only, a qualifier after the rank in the form of a Q indicates questionable taxonomy.

State Status - Legal protection under Vermont Endangered Species Law (10 V.S.A. Chap. 123)

E = Endangered: in immediate danger of becoming extirpated in the state

T = Threatened: with high possibility of becoming endangered in the near future

or informational category only- not established by law

PE = Proposed for Endangered Status

PT = Proposed for Threatened Status

PDL = Proposed for Delisting

SC = Special Concern: status should be watched

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

LE = Listed Endangered

LT = Listed Threatened

PDL = Proposed for Delisting

C = Candidate for Listing (not legally protected)

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