



**Native Freshwater Mussels of Vermont
Vermont Natural Heritage Inventory
Vermont Fish & Wildlife Department
13 March 2022**



Scientific Name	English Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Margaritifera margaritifera</i>	Eastern Pearlshell	S2	G4	T		SGCN
<i>Alasmidonta heterodon</i>	Dwarf Wedgemussel	S1	G1G2	E	E	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	E		SGCN
<i>Anodontoides ferussacianus</i>	Cylindrical Papershell	S1S2	G5	E		SGCN
<i>Elliptio complanata</i>	Eastern Elliptio	S5	G5			
<i>Lampsilis ovata</i>	Pocketbook	S2	G5	E		SGCN
<i>Lampsilis radiata</i>	Eastern Lampmussel	S5	G5			
<i>Lasmigona compressa</i>	Creek Heelsplitter	S2	G5			SGCN
<i>Lasmigona costata</i>	Flutedshell	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 cataracta</i>	Eastern Floater	S4	G5			
<i>Pyganodon grandis</i>	Giant Floater	S2S3	G5	T		SGCN
<i>Strophitus undulatus</i>	Creeper	S3	G5			
<i>Utterbackiana implicata</i>	Alewife Floater	S1	G5			SGCN

Species: 18

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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)

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)

RDL = Recommended (by Endangered Species Committee) for Delisting

RE = Recommended (by Endangered Species Committee) for Endangered Status

RT = Recommended (by Endangered Species Committee) for Threatened Status

PDL = Proposed (by Agency of Natural Resources Secretary) for Delisting

PE = Proposed (by Agency of Natural Resources Secretary) for Endangered Status

PT = Proposed (by Agency of Natural Resources Secretary) for Threatened Status

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

E = Endangered

T = Threatened

SC = Species of Concern (does not denote legal protection)

C = Candidate for Listing (does not denote legal protection)

PDL = Proposed for Delisting

PE = Proposed for Endangered

PT = Proposed for Threatened

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