



**Native Freshwater Mussels of Vermont  
Vermont Natural Heritage Inventory  
Vermont Fish & Wildlife Department  
22 March 2017**



Scientific Name	Common 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	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>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>	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 cataracta</i>	Eastern Floater	S4	G5			
<i>Pyganodon grandis</i>	Giant Floater	S2S3	G5	T		SGCN
<i>Strophitus undulatus</i>	Creeper	S3	G5			

# Species: 18

Questions can be directed to Mark Ferguson, Vermont Natural Heritage Inventory, Vermont Fish & Wildlife Department, 1 National Life Drive North 2, Montpelier, VT 05620-3702. (802)279-3422.  
mark.ferguson@vermont.gov

## Explanation of Legal Status and Information Ranks

**State Rank and Global Rank** - Value that best characterizes the rarity (abundance) or endangerment of a taxon within Vermont's geographic boundary or throughout its range, respectively, 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 hope of rediscovery
- X - Presumed extinct/extirpated: Not located despite intensive searches and little 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

SC - Special Concern: status should be watched (does not denote legal protection)

**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)

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