

Family	Common Name	Scientific Name	State Rank	State Listed	Species of Greatest Conservation Need	Vermont Regions	Similar Species	Lateral Teeth	Pseudocardinal Teeth	Other Identification Comments
Margaritiferidae	Eastern Pearlshell	<i>Margaritifera margaritifera</i>	S2	Threatened	regional	Found in the Upper Winooski River and Lewis Creek watershed in the Lake Champlain basin as well as the Passumpsic, West, and Nulhegan rivers in the Connecticut River basin. Not found in lakes or ponds.	Eastern Elliptio	absent	Present and well developed—two on the left valve and one on the right valve.	Nacre: Usually white, with faint pits centrally located, each with a faint “tail” or streak that points toward the beak cavity.
Unionidae	Dwarf Wedgemussel	<i>Alasmidonta heterodon</i>	S1	Endangered (Federally)	regional	Only found in the Connecticut River basin on the mainstem of the Connecticut River, and slightly upstream into some larger tributaries. Historically found from Bloomfield to Brattleboro. More recently known from Hartland to Springfield, and from Guildhall to Lunenburg.	Creepers, Brook Floater, Triangle Floater	Present but thin. Two on the right valve and one on the left valve, which is the opposite of all other North American freshwater mussel species that possess lateral teeth	Present. Two on the left valve and one on the right valve.	
Unionidae	Elktoe	<i>Alasmidonta marginata</i>	S1	Special Concern	regional	Only found in an approximately 5 mile stretch of the Lamoille River.		Generally absent	Present. Both left and right valves have a thin, elongated tooth.	
Unionidae	Triangle Floater	<i>Alasmidonta undulata</i>	S3			Widespread.	Dwarf Wedgemussel, Brook Floater, Creeper	Absent	Triangular and prominent	
Unionidae	Brook Floater	<i>Alasmidonta varicosa</i>	S1	Threatened	regional	West River.	Dwarf Wedgemussel, Triangle Floater, Creeper	Absent	One tooth on each valve that can be difficult to see.	
Unionidae	Alewife Floater	<i>Anodonta implicata</i>	S1		regional	Lower Connecticut Rive	Eastern floater, Creeper.	Absent	Absent	
Unionidae	Cylindrical Papershell	<i>Anodontoides ferussacianus</i>	S1S2	Endangered	regional	Known from three drainages in far western Vermont. There is an historic collection from the Clyde River in northeastern Vermont.	Creeper, Giant Floater	Absent	Appear as very small, irregular lumps along the hinge line.	
Unionidae	Eastern Elliptio	<i>Elliptio complanata</i>	S5			Most common and widespread freshwater mussel in Vermont.	Eastern Pearlshell or Creeper. Rayed specimens may sometimes resemble Eastern Lampmussel.	Present. Two on the left valve and one on the right valve.	Present. Two on the left valve and one on the right valve.	Shape can be variable
Unionidae	Pocketbook	<i>Lampsilis ovata</i>	S2	Endangered	regional	Found only in the Lake Champlain basin in tributaries upstream to fall lines. Apparently not common except in the Poultney River. Other tributaries include: Missisquoi River, Lamoille River, Lewis Creek, and Otter Creek. It has been found in the littoral zone in Lake Champlain in Colchester.	Plain Pocketbook	Curved and short.	Two in the left valve, one in the right. Thick, compressed, and elevated.	
Unionidae	Eastern Lampmussel	<i>Lampsilis radiata</i>	S5			In many places it is the second most abundant species to the Eastern Elliptio.	Eastern Elliptio	Present. Two on the left valve and one on the right valve.	Present. Two on the left valve and two or three on the right valve.	
Unionidae	Creek Heelsplitter	<i>Lasmigona compressa</i>	S2		regional	Most records are from the Champlain basin. In 1993 it was discovered in the Coaticook River in Norton in northeastern Vermont.	Fluted shell	Somewhat developed	Somewhat reduced	
Unionidae	Fluted-shell	<i>Lasmigona costata</i>	S2	Endangered	state	Found only in tributaries of Lake Champlain.	Creek Heelsplitter	Poorly developed	Present. The right valve has one (occasionally two) triangular and smooth pseudocardinal tooth, while the left valve has 2 fused teeth that are difficult to define.	

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Unionidae	Fragile Papershell	<i>Leptodea fragilis</i>	S2	Endangered	regional	Found only in tributaries of Lake Champlain.	Pink Heelsplitter	Long and thin; two in the left valve, one in the right.	Small; two in the left valve, one in the right.	
Unionidae	Black Sandshell	<i>Ligumia recta</i>	S1	Endangered	regional	Rare. Only two streams, the Poultney River (West Haven) and Otter Creek (Ferrisburg and Vergennes). Also found in the Missisquoi River (Highgate) and Hospital Creek (Addison) in the late 1970s.		Well-developed; the left valve has 2, the right valve has 1.	Well-developed; the left valve has 2, the right valve has 1.	
Unionidae	Pink Heelsplitter	<i>Potamilus alatus</i>	S2	Endangered	state	Uncommon. Found below the principal fall-lines of Missisquoi River, Lamoille River, Winooski River, Lewis Creek, Otter Creek, Hospital Creek, and Poultney River. Also littoral zone of Lake Champlain.	Fragile Papershell	Long, thin, and straight; two in the left valve, two in the right.	Small; two in the left valve, two in the right	
Unionidae	Eastern Floater	<i>Pyganodon cataracta</i>	S4			Prob. more widespread than previously thought; relatively few lakes and ponds have been surveyed. Found in rivers and streams, but appears to be most common in lakes and ponds.	Alewife floater, creeper	Absent	Absent	
Unionidae	Giant Floater	<i>Pyganodon grandis</i>	S2S3	Threatened	state	Found in Lake Champlain and at least the following tributary streams: Missisquoi River, Lamoille River, Otter Creek, East Creek, Hubbardton River, Poultney River, and Winooski River.	creeper, cylindrical papershell	Absent	Absent	
Unionidae	Creeper	<i>Strophitus undulatus</i>	S3			Found mostly in streams, and occasionally in lakes, including Lake Champlain. Rivers in which it occurs include the Black (Irasburg), Black (Ludlow), Connecticut, Lamoille, Missisquoi, Moose, Nulhegan, Poultney, West, and Winooski Rivers, Lewis and Otter Creeks, and Indian Brook (Colchester).	Cylindrical Papershell, Giant Floater.	Well developed; the left valve has two and the right valve has one.	Well developed; the left valve has two and the right valve has one.	
Dreissenidae	Zebra Mussel	<i>Dreissena polymorpha</i>		Introduced		Lake Champlain, Lake Bomoseen				
Corbiculidae	Asian Clam	<i>Corbicula fluminea</i>		Introduced		Lake Bomoseen		Present with many fine serrations, 2 on right valve, 1 on left	3 on both the right and left valve.	