

Mussel Species Reported From the Mainstem Minnesota River

Species Name (Turgeon et al., 1998)	Bright (1990) Species Name	Bright (1990) - Live or Dead based on his and earlier studies	Bright (1990) comment based on his studies and literature	MN DNR 1999-2012 name	MN DNR 1999-2012 Live	MN DNR 1999-2012 Dead	MN DNR 1999-2012 Not mentioned	Federally Endangered	MN Endangered/Threatened/Special Concern	Common name (Turgeon et al., 1998)
<i>Actinonaias ligamentina</i>	<i>Actinonaias ligamentina</i>	D	Apparently extirpated	<i>Actinonaias ligamentina</i>		x			T	mucket
<i>Alasmidonta marginata</i>	<i>Alasmidonta marginata</i>	L		<i>Alasmidonta marginata</i>	x	x			T	elktoe
<i>Amblema plicata</i>	<i>Amblema plicata</i>	L	In trouble below New Ulm	<i>Amblema plicata</i>	x	x				threeridge
<i>Pyganodon grandis</i>	<i>Anodonta grandis grandis</i>	L	Healthy	<i>Pyganodon grandis</i>	x	x				giant floater
<i>Utterbackia imbecillis</i>	<i>Anodonta imbecillis</i>	D	Apparently extirpated	<i>Utterbackia imbecillis</i>			x			paper pondshell
<i>Anodontoides ferussacianus</i>	<i>Anodontoides ferussacianus</i>	L	Extralimital	<i>Anodontoides ferussacianus</i>	x	x				cylindrical papershell
<i>Arcidens confragosus</i>	<i>Arcidens confragosus</i>	D	Apparently extirpated	<i>Arcidens confragosus</i>		x			E	rock pocketbook
<i>Cyclonaias tuberculata</i>	<i>Cyclonaias tuberculata</i>		NOT MENTIONED	<i>Cyclonaias tuberculata</i>		x			E	purple wartyback
<i>Ellipsaria lineolata</i>	<i>Ellipsaria lineolata</i>	D	Apparently extirpated	<i>Ellipsaria lineolata</i>		x				butterfly
<i>Elliptio crassidens</i>	<i>Elliptio crassidens</i>	D	Apparently extirpated	<i>Elliptio crassidens</i>		x			E	elephantear
<i>Elliptio dilatata</i>	<i>Elliptio dilatata</i>	D	Apparently extirpated	<i>Elliptio dilatata</i>		x			T	spike
<i>Fusconaia ebena</i>	<i>Fusconaia ebena</i>	D	Apparently extirpated	<i>Fusconaia ebena</i>		x			E	ebonyshell
<i>Fusconaia flava</i>	<i>Fusconaia flava</i>	L	In trouble below New Ulm	<i>Fusconaia flava</i>	x	x				Wabash pigtoe
<i>Lampsilis higginsii</i>	<i>Lampsilis higginsii</i>	D	Apparently extirpated	<i>Lampsilis higginsii</i>		x		E	E	Higgins eye
<i>Lampsilis siliquoidea</i>	<i>Lampsilis radiata luteola</i>	L	Jeopardized below Lac Qui Parle River	<i>Lampsilis siliquoidea</i>	x	x				fatmucket
<i>Lampsilis teres</i>	<i>Lampsilis teres teres</i>	L	Apparently extirpated	<i>Lampsilis teres</i>		x			E	yellow sandshell
<i>Lampsilis cardium</i>	<i>Lampsilis ventricosa</i>	L	Troubled	<i>Lampsilis cardium</i>	x	x				plain pocketbook
<i>Lasmigona c. complanata</i>	<i>Lasmigona complanata</i>	L	Troubled	<i>Lasmigona complanata</i>	x	x				white heelsplitter
<i>Lasmigona compressa</i>	<i>Lasmigona compressa</i>	D	Extralimital	<i>Lasmigona compressa</i>	x	x			SC	creek heelsplitter
<i>Lasmigona costata</i>	<i>Lasmigona costata</i>	D	Extralimital or apparently extirpated	<i>Lasmigona costata</i>		x			T	flutedshell
<i>Leptodea fragilis</i>	<i>Leptodea fragilis</i>	L	Healthy below New Ulm. troubled above?	<i>Leptodea fragilis</i>	x	x				fragile papershell
<i>Ligumia recta</i>	<i>Ligumia recta</i>	L	Jeopardized	<i>Ligumia recta</i>	x	x			SC	black sandshell
<i>Megaloniais nervosa</i>	<i>Megaloniais gigantea</i>	D	Apparently extirpated	<i>Megaloniais nervosa</i>		x			E	washboard
<i>Obliquaria reflexa</i>	<i>Obliquaria reflexa</i>	L	Troubled- jeopardized	<i>Obliquaria reflexa</i>	x	x				threehorn wartyback
<i>Obovaria olivaria</i>	<i>Obovaria olivaria</i>	D	Apparently extirpated	<i>Obovaria olivaria</i>		x				hickorynut
<i>Plethobasus cyphus</i>	<i>Plethobasus cyphus</i>	?	Apparently extirpated	<i>Plethobasus cyphus</i>		x		E	E	sheepnose
<i>Pleurobema sintoxia</i>	<i>Pleurobema sintoxia</i>	D	Jeopardized at best	<i>Pleurobema sintoxia</i>		x			SC	round pigtoe
<i>Potamilus alatus</i>	<i>Potamilus alatus</i>	L	Troubled at best	<i>Potamilus alatus</i>	x	x				pink heelsplitter
<i>Potamilus ohioensis</i>	<i>Potamilus ohioensis</i>	L	Healthy below New Ulm	<i>Potamilus ohioensis</i>	x	x				pink papershell
<i>Quadrula fragosa</i>	<i>Quadrula fragosa (?)</i>	D	Apparently extirpated	<i>Quadrula fragosa</i>		x		E	E	winged mapleleaf
<i>Quadrula metanevra</i>	<i>Quadrula metanevra</i>	D	Apparently extirpated	<i>Quadrula metanevra</i>		x			T	monkeyface
		D		<i>Quadrula nobilis</i>		x				
<i>Quadrula nodulata</i>	<i>Quadrula nodulata</i>	L	Troubled ?	<i>Quadrula nodulata</i>	x	x			T	wartyback
<i>Quadrula p. pustulosa</i>	<i>Quadrula pustulosa</i>	L	Troubled below New Ulm	<i>Quadrula pustulosa</i>	x	x				pimpleback
<i>Quadrula quadrula</i>	<i>Quadrula quadrula</i>	L	Troubled below New Ulm	<i>Quadrula quadrula</i>	x	x				mapleleaf
<i>Simpsonia ambigua</i>	<i>Simpsonia ambigua</i>	D	Apparently extirpated?	<i>Simpsonia ambigua</i>		x			E	salamander mussel
<i>Strophitus undulatus</i>	<i>Strophitus undulatus</i>	L	Jeopardized or extralimital	<i>Strophitus undulatus</i>	x	x				creeper
<i>Toxolasma parvus</i>	<i>Toxolasma parvus</i>	L	Jeopardized?	<i>Toxolasma parvus</i>	x	x				lilliput
<i>Tritogonia verrucosa</i>	<i>Tritogonia verrucosa</i>	D	Apparently extirpated	<i>Tritogonia verrucosa</i>		x			E	pistolgrip
<i>Truncilla donaciformis</i>	<i>Truncilla donaciformis</i>	L	Jeopardized	<i>Truncilla donaciformis</i>		x			T	fawnsfoot
<i>Truncilla truncata</i>	<i>Truncilla truncata</i>	L	Healthy	<i>Truncilla truncata</i>	x	x				deerto

MN DNR 23 live species
 Baker's Report 21 live species
 Historical Reports 40 confirmed maybe 41 with *Leptodea leptodon*

Literature cited

Bright, R. C., C. Gatenby, D. Olson, and E. Plummer. 1990. A survey of the mussels of the Minnesota River, 1989. Report to the Minnesota Department of Natural Resources, St. Paul, MN. 106 pp.

Turgeon, D. D., J. F. Quinn, Jr., A. E. Bogan, E. V. Coan, F. G. Hochberg, W. G. Lyons, P. M. Mikkelsen, R. J. Neves, C. F. E. Roper, G. Rosenberg, B. Roth, A. Scheltema, F. G. Thompson, M. Vecchione, and J. D. Williams. 1998. Common and scientific names of aquatic invertebrates from the United States and Canada: mollusks, 2nd edition. American Fisheries Society, Special Publication 26, Bethesda, Maryland. 526 pp.