

## Appendix 9. List of Iowa Mussels Evaluated by the IWAP.

**Taxonomic order derived from:** DD Turgeon, JF Quinn Jr., AE Bogan, EV Coan, FG Hochberg Jr., WG Lyons, PM Mikkelsen, RJ Neves, CFE Roper, G Rosenberg, B Roth, A Scheltema, FG Thompson, M Vecchione & JD Williams. 1998. *Common and scientific names of aquatic invertebrates from the United States and Canada: Mollusks. 2<sup>nd</sup> Edition.* American Fisheries Society, Special Publication 26, Bethesda, Maryland. ix + 526 pp

**SGCN** refers to Species of Greatest Conservation Need (SGCN) status as determined through IWAP species conservation status assessments. Y: Yes, species is SGCN. Blank: No, species is not SGCN.

**T/E Status:** Refers to whether a species is federally listed as Endangered, Threatened, or Candidate at the time of this plan's publication. It also refers to those species proposed for Endangered, Threatened or Delisting status at the state level. For up-to-date state of Iowa listing information, please see the Threatened and Endangered Species Program page on the [DNR website](#).

- I-P-E/T/D: Proposed Endangered, Proposed Threatened, Proposed Delisted
- I-E: State-listed as Endangered in Iowa (from Iowa Code Chapter 77)
- I-T: State-listed as Threatened in Iowa
- F-E: Federally listed as Endangered in the United States
- F-E: Federally listed as Threatened in the United States
- F-C: Federally listed as a Candidate in the United States
- F-P: Proposed for federal listing as an Endangered or Threatened species.

**Regional SGCN:** To access more information about this effort and for the updated list of [Regional SGCN](#).

- R: Species is considered a Regional Species of Greatest Conservation Need in the Midwest.
- W: Watchlist. This is a list of species for which there was concern but insufficient information or differing trends across the region (WA: Watchlist - Assessment Priority). For some species this is because there is a different region of the country that is more important to the species than the Midwest (WD: Watchlist - Defer to adjacent region).
- PR: R: Species is proposed as a Regional Species of Greatest Conservation Need in the Midwest, if a Midwest state lists the species as SGCN.

Assessments of species conservation status undertaken as part of the IWAP are used to determine SGCN status. Other information is provided as a reference. Updates to State Wildlife Action Plans, Regional SGCN lists, Federal T&E Status, etc., are each independent processes, undertaken by different entities with differing timeframes. As such, the various listings or status ranks for a given species at a given point in time may not always appear to be in accord. Please visit the links above for updated information.

	Common Name	Scientific Name	SGCN	T/E Status	Regional SGCN
<b>Order: Unionoida</b>					
	<b>Family: Unionidae</b>				
1	Mucket	<i>Actinonaias ligamentina</i>	Y	I-PT	
2	Elktoe	<i>Alasmodonta marginata</i>	Y		R
3	Slippershell	<i>Alasmodonta viridis</i>	Y	I-PE	WA
4	Three ridge	<i>Amblema plicata</i>	Y		
5	Cylinder (Cylindrical papershell)	<i>Anodontoides ferussacianus</i>	Y		
6	Rock pocketbook	<i>Arcidens confragosus</i>	Y		WA
7	Spectaclecase	<i>Cumberlandia monodonta</i>	Y	I-PE, F-E	R
8	Wartyback	<i>Cyclonaias nodulata</i>	Y		
9	Pimpleback	<i>Cyclonaias pustulosa</i>	Y		

	Common Name	Scientific Name	SGCN	T/E Status	Regional SGCN
10	Purple wartyback	<i>Cyclonaias tuberculata</i>	Y	I-PE	R
11	Butterfly	<i>Ellipsaria lineolata</i>	Y		R
12	Elephant ear	<i>Elliptio crassidens</i>	Y		R
13	Snuffbox	<i>Epioblasma triquetra</i>	Y		R
14	Spike	<i>Eurynia dilatata</i>	Y	I-PE	
15	Wabash pigtoe	<i>Fusconaia flava</i>	Y		
16	Plain pocketbook	<i>Lampsilis cardium</i>			
17	Higgins' eye pearlymussel	<i>Lampsilis higginsii</i>	Y	I-PT, F-E	R
18	Canary kingshell	<i>Lampsilis sietmani</i>	Y		PW
19	Fatmucket	<i>Lampsilis siliquoidea</i>	Y		
20	Yellow sandshell	<i>Lampsilis teres anodontoides</i>	Y	I-PT	R
21	White heelsplitter	<i>Lasmigona camplanata</i>	Y		
22	Creek heelsplitter	<i>Lasmigona compressa</i>	Y		R
23	Flutedshell	<i>Lasmigona costata</i>	Y		
24	Black sandshell	<i>Ligumia recta</i>	Y		R
25	Washboard	<i>Megaloniais nervosa</i>	Y		
26	Threehorn wartyback	<i>Obliquaria reflexa</i>	Y		
27	Hickorynut	<i>Obovaria olivaria</i>	Y		
28	Sheepnose	<i>Plethobasus cyphus</i>	Y	I-PE, F-E	R
29	Round pigtoe	<i>Pleurobema sintoxia</i>	Y	I-PE	WA
30	Pink heelsplitter	<i>Potamilus alatus</i>	Y		
31	Fat pocketbook	<i>Potamilus capax</i>	Y	F-E	
32	Fragile papershell	<i>Potamilus fragilis</i>			
33	Scaleshell	<i>Potamilus leptodon</i>	Y		
34	Pink papershell	<i>Potamilus ohioensis</i>			
35	Giant floater	<i>Pyganodon grandis</i>			
36	Lake Floater	<i>Pyganodon lacustris</i>	Y		
37	Winged mapleleaf	<i>Quadrula fragosa</i>	Y		
38	Mapleleaf	<i>Quadrula quadrula</i>	Y		
39	Ebonyshele	<i>Reginaia ebena</i>	Y		
40	Pondmussel	<i>Sagittunio subrostratus</i>	Y		
41	Salamander mussel	<i>Simpsonaias ambigua</i>	Y	I-PE	R
42	Creeper (formerly Strange Floater)	<i>Strophitus undulatus</i>			
43	Monkeyface	<i>Theliderma metanevra</i>	Y	I-PT	
44	Lilliput	<i>Toxolasma parvum</i>			
45	Gulf mapleleaf	<i>Tritogonia nobilis</i>	Y		
46	Pistolgrip	<i>Tritogonia verrucosa</i>	Y	I-PT	
47	Fawnsfoot	<i>Truncilla donaciformis</i>	Y		WA
48	Deertoe	<i>Truncilla truncata</i>	Y		
49	Pondhorn	<i>Uniomerus tetralasmus</i>	Y		
50	Paper pondshell	<i>Utterbackia imbecillis</i>			

	Common Name	Scientific Name	SGCN	T/E Status	Regional SGCN
51	Flat floater	<i>Utterbackiana suborbiculata</i>	Y		
52	Ellipse	<i>Venustaconcha ellipsiformis</i>	Y		R

**Data Deficient Species** - Species evaluated by mussel subcommittee for which insufficient information was available to conduct a conservation status assessment

	Common Name	Scientific Name	SGCN	Explanation
1	Canary kingshell	<i>Lampsilis sietmani</i>	Y	This species was described within the past 10 years. It was formerly considered a subspecies of Slough Sandshell.
2	Pondhorn	<i>Unio merus tetralasmus</i>	Y	Only a few records for the state. Iowa may just be on the northern edge of the species range.

#### Presumed Extirpated Species

	Common Name	Scientific Name	Explanation
1	Elephant Ear	<i>Elliptio crassidens</i>	Formerly common in Mississippi River, now not found above the dam at Keokuk.
2	Snuffbox	<i>Epioblasma triquetra</i>	Considered extirpated from Iowa. Federally endangered.
3	Fat pocketbook	<i>Potamilus capax</i>	
4	Scaleshell	<i>Potamilus leptodon</i>	
5	Lake floater	<i>Pygandon lacustris</i>	Recorded from Iowa in 1912 in Clear Lake
6	Winged mapleleaf	<i>Quadrula fragosa</i>	Presumed extirpated, but a fresh dead specimen was recorded near Lansing in 2024.
7	Gulf mapleleaf	<i>Tritogonia nobilis</i>	Presumed to occur in Iowa historically, based on relic shells in the Mississippi.

#### Other species or groups of clams/mussels not evaluated

	Common Name	Scientific Name	Explanation
1	Ozark pigtoe	<i>Fusconaia ozarkensis</i>	Single known specimen was misidentified
2	Slough sandshell	<i>Lampsilis teres teres</i>	Formerly separate from Yellow Sandshell - now considered to be same species
3	Fingernail clams	-	Includes multiple species of clams

**Exotic Species** - Species evaluated by mussel subcommittee for which a conservation status assessment was not conducted due to non-native status in Iowa

	Common Name	Scientific Name
1	Asiatic clam	<i>Corbicula fluminea</i>
2	Zebra mussel	<i>Dreissena polymorpha</i>