

Table 1. Aquatic species at risk in the Thames River watershed, their conservation ranks and priorities.

Common Name	Scientific Name	Global (Gx), COSEWIC and Subnational (Sx) Ranks*	Conservation Priority*
<b>Freshwater Mussels:</b>			
snuffbox	<i>Epioblasma triquetra</i>	G3, Endangered, S1	Possibly Extirpated
wavy-rayed lampmussel	<i>Lampsilis fasciola</i>	G4, Endangered, S1	High
round hickorynut	<i>Obovaria subrotunda</i>	G4, Endangered, S1	Possibly Extirpated
round pigtoe	<i>Pleurobema sintoxia</i>	G4, Endangered, S2	High
kidneyshell	<i>Ptychobranthus fasciolaris</i>	G4G5, Endangered, S1	Possibly Extirpated
mudpuppy mussel	<i>Simpsonaias ambigua</i>	G3, Endangered, S1	High
rayed bean	<i>Villosa fabalis</i>	G1G2, Endangered, S1	High
<b>Reptiles:</b>			
spotted turtle	<i>Clemmys guttata</i>	G5, Endangered, S3	High
spiny softshell	<i>Apalone spinifera</i>	G5, Threatened, S3	High
stinkpot turtle	<i>Sternotherus odoratus</i>	G5, Threatened, S4	Possibly Extirpated
queen snake	<i>Regina septemvittata</i>	G5, Threatened, S2	High
northern map turtle	<i>Graptemys geographica</i>	G5, Special Concern, S3	Low
eastern ribbonsnake	<i>Thamnophis sauritus septentrionalis</i>	T5, Special Concern, S3	Medium
<b>Fishes:</b>			
gravel chub	<i>Erimystax x-punctatus</i>	G4, Extirpated, SX	Possibly Extirpated
northern madtom	<i>Noturus stigmosus</i>	G3, Endangered, S1S2	High
eastern sand darter	<i>Ammocrypta pellucida</i>	G3, Threatened, S2	High
black redhorse	<i>Moxostoma duquesnei</i>	G5, Threatened, S2	High
lake chubsucker	<i>Erimyzon sucetta</i>	G5, Threatened, S2	Possibly Extirpated
northern brook lamprey	<i>Ichthyomyzon fossor</i>	G4, Special Concern, S3	Medium
greenside darter	<i>Etheostoma blennioides</i>	G4, Special Concern, S4	Low
bigmouth buffalo	<i>Ictiobus cyprinellus</i>	G5, Special Concern, SU	Medium
silver shiner	<i>Notropis photogenis</i>	G5, Special Concern, S2S3	Medium
pugnose minnow	<i>Opsopoeodus emiliae</i>	G5, Special Concern, S2	Medium
river redhorse	<i>Moxostoma carinatum</i>	G4, Special Concern, S2	Medium
spotted sucker	<i>Minytrema melanops</i>	G5, Special Concern, S2	Medium

\* see Appendix A for rank and conservation priority definitions