

# Status Assessment and Conservation Action Plan for *Lampsilis radiata*

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## **Abstract**

IUCN categories and criteria were used to assess the conservation status of *Lampsilis radiata*, a North American unionid (Mollusca: Bivalvia). Unionids are most diverse in North America. They are the most imperilled animal group in North America, being threatened by habitat degradation and, recently, invasion by *Dreissena polymorpha*. *L. radiata* was assessed as Endangered with a projected population decline of approximately 50% over three generations, or 27 years (IUCN criteria A2ace). Proposed management include: 1) limit the spread of *D. polymorpha* outside the Great Lakes, 2) identify areas less susceptible to *D. polymorpha* invasion, 3) protect populations less susceptible to *D. polymorpha* invasion from anthropogenic sources of threat, and 4) consider *L. radiata* relocation programs.