



# Rare Animals of Louisiana

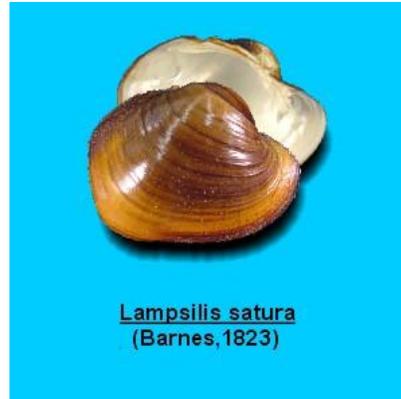
## Sandbank pocketbook

*Lampsilis satura*

**Rarity Rank:** S2/G2

**Identification:**

- Shell greatly inflated, with smokey-colored to black epidermis, with rays usually present
- Shell interior is brilliantly white
- Posterior edge of female shell is square to almost round, often indented
- Shell up to approximately 6 inches in length



Lampsilis satura  
(Barnes, 1823)

**Habitat:** Small to large rivers with moderate current, often found in gravel, gravel-sand, and sand substrate.

**Food habits:**

- Mussels are filter feeders that continuously pump water through their siphons.
- Their diet is composed of the plankton and detritus that they are able to extract during this process.

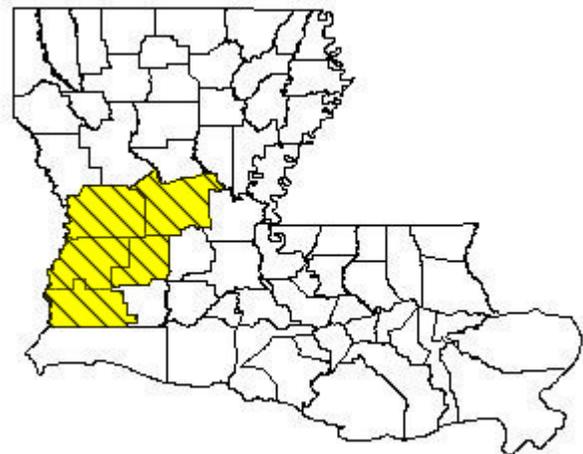
**Threats:**

- Loss of habitat as a result of siltation, and impoundments.
- The addition of pollutants to streams and rivers may also contribute to the decline of this species.

**Beneficial Management Practices:**

- Erosion prevention
- Preserve SMZ's

**U. S. Range:** AR, LA, MS, OK, TX



**References:**

Harris, J.L., and M. E. Gordon. Arkansas Mussels. Arkansas Game & Fish Commission.

NatureServe Explorer: An online encyclopedia of life [web application]. 2006. Version 6.1 . Arlington, Virginia, USA: NatureServe. Available: <http://www.natureserve.org/explorer>. (Accessed: Jan. 11, 2007 ).



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Oesch, R.D. 1984. Missouri Naiades: A Guide to the Mussels of Missouri. Missouri Department of Conservation. Jefferson City, Missouri

Vidrine, M.F. 1993. The historical distributions of freshwater mussels in Louisiana. Gail Q. Vidrine Collectables, Eunice, Louisiana.