

Quagga mussel *Dreissena bugensis*

QUICK FACTS:

- ▶ Classification: A small bivalve mollusk (family Dreissenidae)
- ▶ Origin: Ukraine
- ▶ First validated occurrence in the Great Lakes basin: Port Colborne, Lake Erie, September, 1989 (Mills *et al.*, 1996)
- ▶ Means of introduction: Ballast water discharge from transoceanic ships
- ▶ Key impacts: Biofouling, dramatically change water turbidity/clarity, displace native clams, reduce food sources for zooplankton



Photo courtesy of United States Geological Service

LITERATURE CITED

Mills, E. L., Rosenberg, G., Spidle, A. P., Ludyanskiy, M., Pligin, Y., and May, B. 1996. A review of the biology and ecology of the quagga mussel (*Dreissena bugensis*), a second species of freshwater Dreissenid introduced to North America. *Amer. Zool.* 36:271-286.