

# FRESHWATER MUSSELS - WATER QUALITY COORDINATION VERMILION RIVER SYSTEM

Other federally listed mussel species historically found in the Vermilion River:  
 Other locations for clubshell shown as open circles (<1980)  
 Northern riffleshell (x)

Federal candidate species historically found in the Vermilion River system:  
 Sheepnose  
 See Mississippi River  
 Ohio River  
 Wabash River  
 Kankakee River  
 Rayed bean (x)

x = state extirpated (<1986)

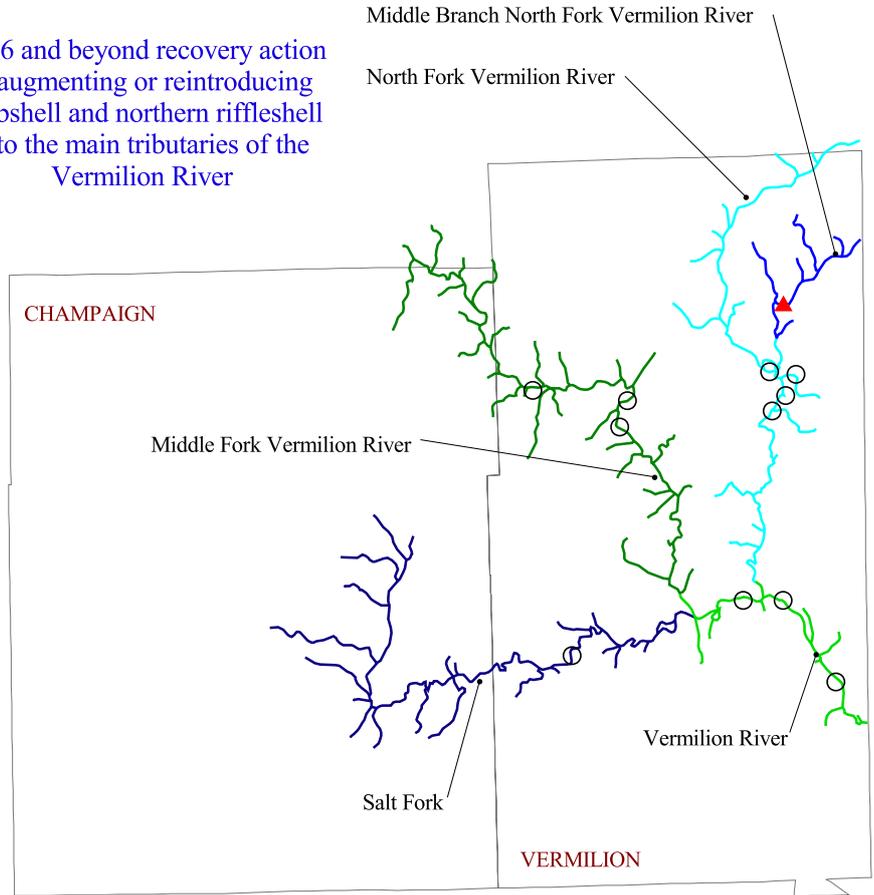
## Vermilion River System Illinois general location of extant (after 1986) clubshell mussel populations

Data from:

Cummings, K.S., C.A. Mayer and R.E. Szafoni. 1997. Endangered freshwater mussels (Mollusca: Unionidae) in the North Fork Vermilion River, IL with comments on the federally endangered clubshell, *Pleurobema clava* (Lamarck, 1819). Transactions of the Illinois State Academy of Science. 91(1&2):91-102

Szafoni, R.E. 2000. Freshwater mussels (Mollusca: Unionidae) of the Middle Branch, North Fork Vermilion River, Illinois/Indiana. Transactions of the Illinois State Academy of Science. 93(3):229-237

2006 and beyond recovery action is augmenting or reintroducing clubshell and northern riffleshell into the main tributaries of the Vermilion River



Map by  
 U.S. Fish and Wildlife Service  
 Rock Island, IL Ecological Services Field Office  
 September 09, 2005

NOTES: