

# rainbow smelt

## *Osmerus mordax*

Kingdom: Animalia  
Phylum: Chordata  
Class: Actinopterygii  
Order: Salmoniformes  
Family: Osmeridae

### ILLINOIS STATUS

common, nonnative

### FEATURES

The rainbow smelt has a very large mouth with jaws that reach to the back edge of each eye. Big teeth are present on the tongue and the roof of the mouth. The body is long and slender, and an adipose fin is present. The back is dark green. The sides are silver to blue. The front edge of the pelvic fins is in line with or slightly behind the front edge of the dorsal fin. Mature rainbow smelt are seven to 10 inches long.

### BEHAVIORS

Rainbow smelt live in water 15 to 200 feet deep and often within a mile of shore. They migrate in groups into tributary streams to spawn in late winter and spring when the correct water temperature occurs. This species eats crustaceans, insect larvae and small fishes.

### ILLINOIS RANGE





**Aquatic Habitats**

Lake Michigan

**Woodland Habitats**

none

**Prairie and Edge Habitats**

none