



## mottled sculpin

*Cottus bairdi*

Kingdom:	Animalia
Division/Phylum:	Chordata
Class:	Osteichthyes
Order:	Scorpaeniformes
Family:	Cottidae

### FEATURES

The mottled sculpin may attain a length of two and one-half to three and one-half inches. The male is larger than the female. The stout body has a large head and an incomplete lateral line. The back and sides are brown with dark mottling. Body color tends to match that of the substrate, as this fish can change colors readily. The belly is white, but the chin is speckled. Two or three dark bars are present on the body under the dorsal fin. Black spots can be seen at the front and back edges of the first dorsal fin. The breeding male is dark. His dorsal fin is black with an orange or yellow band.

### BEHAVIORS

The mottled sculpin may be found in the northern one-fourth of Illinois. This fish lives in creeks, rivers and lakes. It is often found in cold water habitats, such as streams that receive water from springs. The mottled sculpin spawns in spring. The male prepares a nest under a rock and stays with the eggs and young until they leave the nest. The female turns upside down to lay eggs on the roof of the

nest chamber. More than one female may lay eggs in the same nest. The eggs hatch after three or four weeks. The mottled sculpin feeds on the bottom, eating aquatic invertebrates and small fishes. It may eat members of its own species.

### HABITATS

- bottomland forests
- coniferous forest
- southern Illinois lowlands
- upland deciduous forest

### ILLINOIS STATUS

- common
- endangered
- threatened
- native
- exotic

### ILLINOIS RANGE

Permanent resident: northern 1/4

Summer resident:

Migrant:

Winter resident:

### BIBLIOGRAPHY

Illinois Department of Natural Resources. 1999.

Biodiversity of Illinois, Volume 2: Woodland Habitats CD-ROM.