

Freckled Madtom *Noturus nocturnus*

Status: State endangered

Iowa Range: Scattered locations in the eastern 1/3 of Iowa

Habitat Preference: Prefer riffle areas in moderate to large-sized streams. Often found in undercut banks near debris or tree roots.

Threats:

- Channelization
- Siltation
- Water pollution
 - Agricultural discharge
 - Urban discharge

Habitat Improvement Guidelines

- Cease channelization.
- Implement proper upland management such as contour farming and other soil erosion control methods.
- Create buffers along water bodies to filter sediment and nutrient runoff.



Photograph by: Daryl Howell

