

## **Blacknose Shiner** *Notropis heterolepis*

**Habitat Preference:** Small creeks in weedy shallow areas

### **Threats:**

- Loss of habitat
  - Stream channelization.
  - Levee construction and impoundments change water flow.
  - Water quality
  - Impoundments also change the local hydrology which can result in higher numbers of fish species that prey on blacknose shiner.
  - The removal of riparian vegetation also degrades stream habitat.
- Animal confinement areas
- Urban Development



### **Practice Guidelines:**

- The blacknose shiner needs clean, clear, cool water. Planting native tall grass buffers will filter runoff before it reaches the stream and will create shade to cool the water.
- Exclude cattle from streams, creeks, and rivers. Fencing out cattle will reduce bank erosion and allow for better establishment of grass buffer areas.