

Round Pigtoe *Pleurobema sintoxia*

Habitat Preference: Found in medium to large rivers in mixed mud, sand, and gravel.

Threats:

- Invasion of non-native species.
- Water pollution
 - Industrial discharge
 - Residential discharge
 - Siltation
 - Herbicide runoff
 - Fertilizer runoff
- Alterations to the natural flow of rivers through impoundment structures.
- Channelization
- Warmer water temperatures
- Use of chemicals to kill undesirable fish to increase sport fishing.



Habitat Improvement Guidelines:

- Create buffers along water bodies to filter nutrients and sediment out of runoff before it reaches the waterways. Buffers will also cool water temperatures.
 - Establish large shade trees such as oaks and cottonwoods along stream corridors.
 - Limit grazing, cows and pigs can destabilize banks and directly crush mussels.
- Install riffles or other fish habitat components.
- Limit the use of chemicals to control undesirable species.
- Limit new construction or remove dams whenever possible.
- Create fish passageways over existing dams.
- Cease channelization.