

Yellow Sandshell *Lampsilis teres anodontoides*

Habitat Preference: Medium to large rivers in sand or fine gravel

Threats:

- Water pollution
 - Industrial discharge
 - Residential discharge
 - Siltation
 - Herbicide runoff
 - Fertilizer runoff
- Dredging is particularly detrimental in that it kills current residents while creating an inhospitable environment that will limit recolonization.
- Alteration of the natural flow of rivers through the construction of dams and levees.
- Channelization
- Invasion of non-native species, especially zebra mussels



Habitat Improvement Guidelines:

- Implement proper upland management such as contour farming and other soil erosion control methods.
 - Create buffers along water bodies to filter nutrients and sediment out of runoff before it reaches waterways.
 - 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.
- Cease channelization
- Limit further construction of impoundment structures and remove existing structures when feasible.
- Create fish passageways over existing dams.
- Limit dredging to previously disturbed areas or to areas of unsuitable habitat.