

# Age and Growth of Long-lived Catostomids

- Ages determined from prepared hard parts
- Pectoral fin ray sections provide non-lethal method of aging endangered Lost River and shortnose suckers
- Growth analyses can evaluate effects of poor water quality
- Population age composition documents frequency and magnitude of recruitment
  - Complements capture-recapture monitoring program
  - Has shown decades-long periods of recruitment failure for Lost River and shortnose suckers

