

TEXAS

PARKS &

WILDLIFE

TPWD Northeast Texas River Bioassessment Update

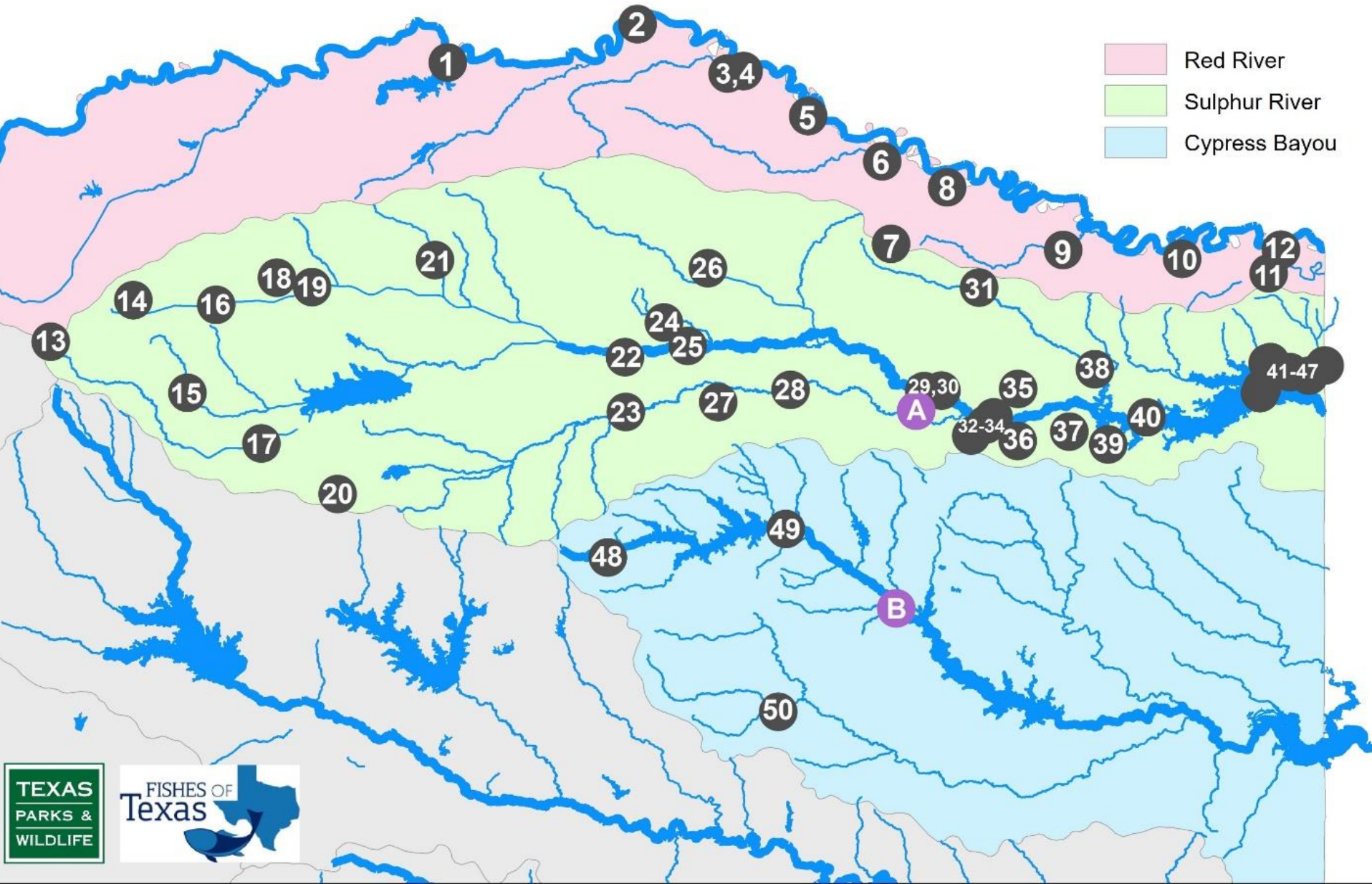


Northeast Texas BioBlitz

- 2019 – 2020
- Partnership with Fishes of Texas at UT Austin
- WQ, fish, mussels, benthic macroinvertebrates and riparian assessment
- Red, Sulphur and Cypress basins
- White Oak Creek at White Oak Creek WMA (US 259)
- Big Cypress Bayou at Couch Mountain Ranch
- 50 supplemental sites for fish and crayfish

Northeast Texas Bioassessment

2019-2020



Fish

- 14,239 individuals
- 80 species
- 17 families
- Species richness (1 – 32)
- Seven Species of Greatest Conservation Need: Pallid Shiner, Silver Chub, Blackspot Shiner, Suckermouth Minnow, Spotted Sucker, Orangebelly Darter, and River Darter
- One state threatened – Blackside Darter
- Several species that provide angling opportunities

Uses of Data

- Updated fish occurrences for 52 sites in Northeast Texas
- Conservation planning for TPWD Native Fish Conservation Areas
- Final report summarizing this effort will be published
- Photographs of fish vouchers can be found on iNaturalist



Blackside Darter *Percina maculata*



Black Crappie *Pomoxis nigromaculatus*



Blackspot Shiner *Notropis atrocaudalis*



Spotted Sucker *Minytrema melanops*

Current Activities

- Biennial monitoring with The Nature Conservancy at four sites in the Cypress Basin – TNC's Sustainable Rivers Program
- State Wildlife Grants with UT Tyler for crayfish research
- State Wildlife Grant with SFA for SGCN fish species in the Cypress Basin

2022 TNC Sustainable Rivers Sampling

