GUADALUPE BASS RESTORATION INITIATIVE

THREE DECADES OF CONCERTED EFFORTS TO CONSERVE THE STATE FISH OF TEXAS

TEXAS PARKS & WILDLIFE


ROSS REELS
USA

Guadalupe Bass Restoration Initiative

- Watershed-based approach
- Partner with other agencies, conservation groups and particularly private landowners
- Implement Projects that are habitat-focused and promote:
  - Natural land cover
  - Intact riparian buffers
  - Natural river flow patterns
  - Instream connectivity

Llano River Watershed

2010 – Present

- > 700,000 Guadalupe Bass stocked to support genetic restoration of a hybrid population
- Technical guidance to 750+ landowners
- 7,754 acres of spring and riparian habitats restored
- > 25 miles of riparian corridor restored or preserved

Blanco River

2011 – Present

- Removal of SMB and hybrids
- GLB repatriation
- 48 ranches (2,211 acres) engaged in watershed conservation
- 350 acres of riparian restoration
  - 15,000 riparian sedges and grasses
  - 3,300 trees
- 23 riverscape conservation workshops attended by 877 riparian landowners and other local stakeholders

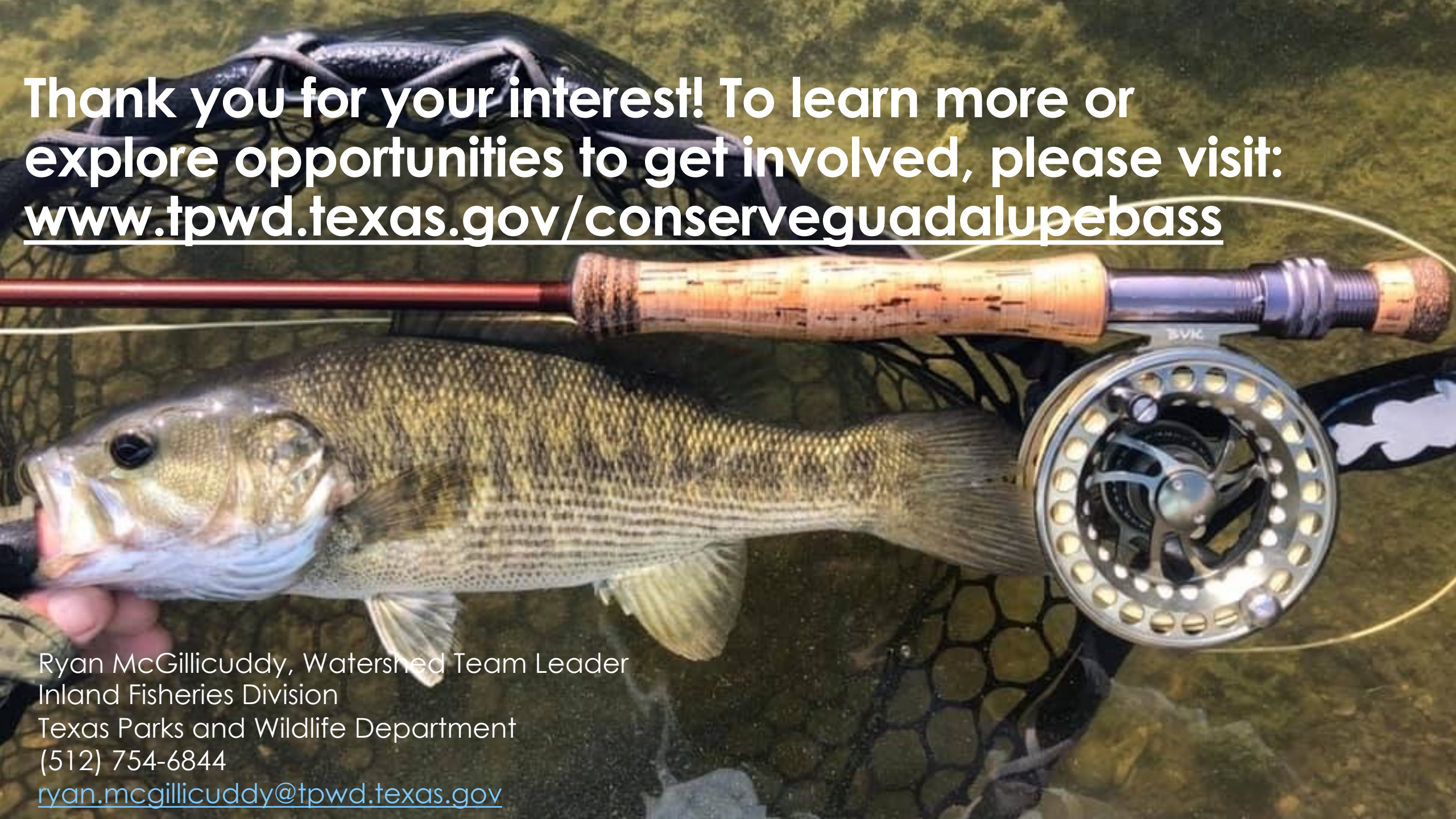
Pedernales River Watershed

2012 – Present

- Conservation of a genetically-pure, self-sustaining population of GLB
- Large-scale control of giant reed (*Arundo donax*)
- 22 watershed conservation workshops for 1,075 landowners
- Watershed conservation on 9,032 acres (16 ranches, 10.4 miles of river)
- Restoration of 993 acres of springs, creeks, and riparian buffers

GBRI Outcomes (1991-2021)

- 15 Guadalupe Bass populations restored or conserved
- 2.4 million Guadalupe Bass stocked to support restoration
- Successful repatriation of Guadalupe Bass to the Blanco River, reintroduction to the Mission Reach of the San Antonio River; genetic restoration on the South Llano River
- > 40 habitat restoration projects
- 8 conservation easements preserved 6,116 acres
- 8 watershed-scale riparian invasive species control projects
- 25 public fishing access areas for Guadalupe Bass
- Collaborative research
  - extent of hybridization with Smallmouth Bass
  - flow-recruitment relationships
  - landscape-scale habitat associations
  - movement
  - population dynamics
  - population status in priority rivers
  - economic value of Guadalupe Bass fisheries
- Successfully developed and implemented a 10-year $30M conservation campaign to restore endemic basses in southern U.S. rivers



Thank you for your interest! To learn more or explore opportunities to get involved, please visit: www.tpwd.texas.gov/conserveguadalupebass

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