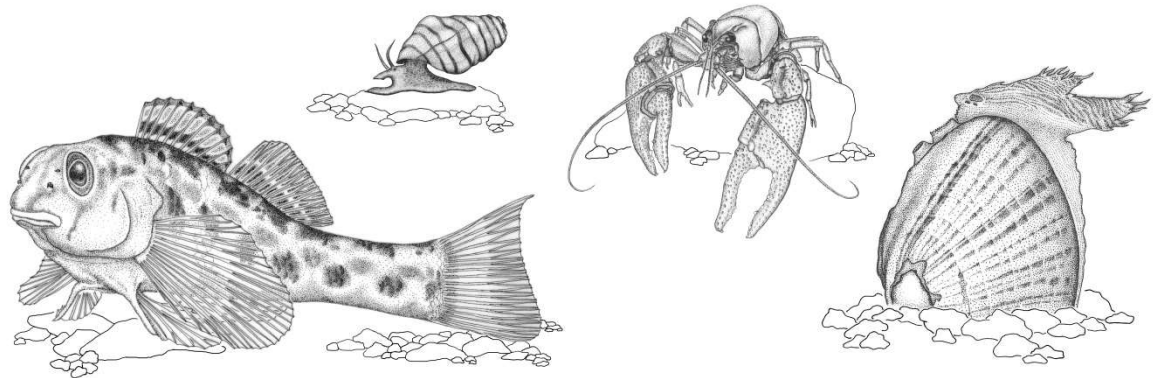




Alabama Aquatic Biodiversity Center



Cahaba River, Shelby Co., AL

- Alabama Aquatic Biodiversity Center (AABC)
- Established October 2005
- Division of Wildlife and Freshwater Fisheries
- Department of Conservation and Natural Resources
- Primary funding state wildlife grants and other external funds
- <http://www.outdooralabama.com>

Mission Statement:

The mission of the Wildlife and Freshwater Fisheries Division is to manage, protect, conserve, and enhance the wildlife and aquatic resources of Alabama for the sustainable benefit of the people of Alabama

Alabama Freshwater Species Summary



*Blue Shiner – T
Coosa Basin*

308 Species
2 Extinctions
17 federally listed



*Coosa Mocassinshell - E
Conasauga River*

184 Species
26 Extinctions
63 federally listed



*Speckled Burrowing Crayfish
Alabama & Mississippi*

➤ **98 Species**
1 Extinctions ?
0 federally listed

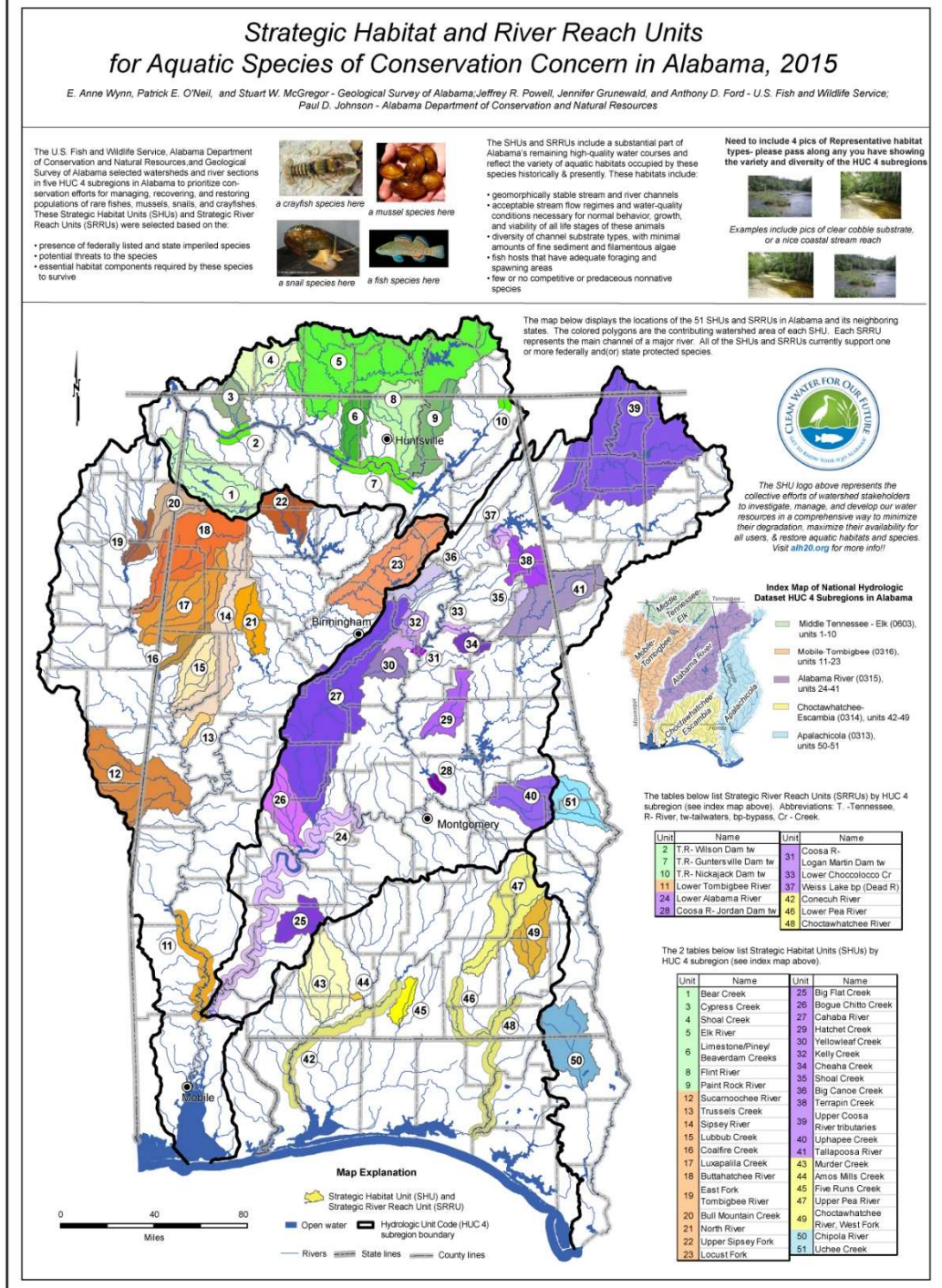


*Cylindrical Lioplax - E
Cahaba River*

202 Historical
36 Extinctions
13 federally listed

Strategic Habitat Units (SHU)

- Critical Habitat segments remaining
- Many drainages considered state channel bottom
- Prioritize watershed recovery efforts with multiple partners
- Additional T&E species don't change regulatory burden
- SHU mapper operational <http://alh2o.org>



AABC 2019 Activities

Alabama Gastropod Inventory – Jeff Garner

- 1,331 sites sampled
- 6,302 lots entered (228,148 specimens)
- 12 Families, 35 Genera, 127 Species

Mussel Reintroduction Efforts – Buntin & Fobian

- 11 Species (7 T&E, 3 GCN), 5,347 animals released
- 7 different SHU's (Bear Creek, Paint Rock, Shoal Creek, Duck River, Little River, Cahaba River, Locust Fork)
- TWRA, VA-DGIF, University, State & Federal Partners

Canoe Creek Clubshell - Host Fish – Buntin & Fobian

- 5 Families, 13 Genera, 22 Species
- *Cyprinella callistia*, *C. trichloistia*

Margaritifera marrianae Site Selection – Todd Fobian & Andy Ford

- Evaluation of potential *M. marrianae* reintroduction streams
- Geist protocol to predict juvenile survivorship (Geist & Auerswald, Freshwater Biology, 2007)
- Contrast 10 Reintroduction and 7 Control Sites

