

GSARP – Alabama Report 2020

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Highlights during CY 2020:

- ADCNR hired its first ANS coordinator to work within the ADWFF office in Tanner, Alabama, during November, 2020. This is a statewide appointment, though focus will be on Asian carp monitoring and control-eradication in the Tennessee River valley.
- ADWFF staff implemented staff field collections, reconnaissance and assistance to cooperators (194 man-days) targeting Asian Carp during CY 2020 (using gillnets and EF) to determine abundance and distribution using standard methods in Alabama waters of the Tennessee River. Collections and surveys were made in four reservoir pools (Pickwick, Wilson, Wheeler and Guntersville). Silver Carp, *Hypophthalmichthys molitrix* ($n = 50$; length range = 735-1065 mm; mean weight = 7.30 kg; age range = 3-6 years) were captured during two fall collections at two tributaries, only within Pickwick Reservoir. Plans for 2021 include expansion of sampling program and staff.
- Steve Rider and other ADWFF staff have been updating portions of the Alabama ANS statewide plan since fall 2020. A final draft copy should be ready for submission to the National Aquatic Nuisance Species Task Force for a re-review in spring, 2021.
- The infestation and control of Island Apple Snails (aka Giant Apple Snails), *Pomacea maculata* in Threemile Creek (Mobile, AL) are being led by the Mobile Bay National Estuary Program (MBNEP). Recently, a contractor was selected to implement control measures within Langan Municipal Lake ASAP. Previously, the ADWFF led or assisted control efforts from 2008-2016, consulting with cooperating NGO's, including MBNEP, Mobile Bay Keepers, Student Conservation Association staff and numerous volunteers.
- Zebra mussels were documented in Holt Reservoir within the Black Warrior River watershed. ADWFF Malacologists have discussed reconnaissance surveys in Holt pool and adjoining areas downstream.
- Japanese Mysterysnail, *Cipangopaludina japonica* have recently been documented in the Black Warrior River watershed (Ryan Creek, eastern Cullman County). These snails were previously documented in Mobile County at Pierce Creek (Spring Hill Lake) in 2003.