

Alabama Power Company ARSN Activity for ARSN 2022 Meeting

2021 (including ongoing projects)-

- Assist USFWS Partners Program with mark/recapture project for trispot darter (*E. trisella*)- APC owned “Site 13” is one of the focus areas
- Continue collaborative partnership with USFS- Bankhead Ranger District
 - Rush darter (*E. phytophilum*)
 - Presence/absence surveys on the Forest
 - Began looking more closely at aspects of life history
 - Created informal “Rush Darter Working Group” to focus efforts and engage statewide partners
 - Flattened musk turtle (*S. depressus*)
 - Presence/absence surveys
 - Discussed potential for mark/recapture study to establish population estimates in transitional areas of Smith Lake
 - eDNA collection to compliment presence/absence surveys
 - Black Warrior waterdog (*N. alabamensis*)
 - Presence/absence surveys
 - eDNA collection to compliment presence/absence surveys
 - BWWD/FMT Working Group
 - Established in 2020 and resumed in 2021 (pandemic); APC is assisting with draft Working Group Conservation Plan that could be used by USFWS to inform BWWD Recovery Plan, etc.
- Completed 3rd and 4th rounds of biological sampling for the Weiss Bypass AMP- year 6 and 7, respectively, after regular flows were returned to bypass (2014)

2023-

- Mitchell/Lay drawdown- relocate/survey rough hornsnail and painted rocksnail at known locations and relocate/survey painted rocksnail at newly discovered location in tributary to Lake Mitchell
- Lake Logan Martin AMP- Will sample fish and mollusk