



ENDANGERED SPECIES (SECTION 6) AQUATIC STUDIES



ALABAMA WILDLIFE
AND FRESHWATER
FISHERIES DIVISION

ENDANGERED SPECIES
PROJECT COORDINATION

AQUATICS: TODD FOBIAN
WILDLIFE: CARRIE THREADGILL
DIVISION: AMY SILVANO

USFWS: SHANNON HOLBROOK

FINAL PROJECTS 2019-2021

- **PROJECT 194**, “RECRUITMENT, ABUNDANCE AND HABITAT OF JUVENILE GULF STURGEON IN THE UPPER CHOCTAWHATCHEE AND PEA RIVERS-PHASE THREE” STEVE RIDER, ADCNR (WFF)
- **PROJECT 196**, “USING ENVIRONMENTAL DNA TO DETECT ALABAMA STURGEON IN THE TOMBIGBEE AND ALABAMA RIVER” DR. JANOSIK, UNIVERSITY OF WEST FLORIDA
- **PROJECT 207**, “WARRIOR PIGTOE SURVEY IN THE LOCUST FORK OF BLACK WARRIOR RIVER, ALABAMA” DR. JOHNSON, ADCNR (WFF)
- **PROJECT 208**, “DIET ANALYSIS TO DETERMINE RELATIVE FOOD SOURCES OF *FUSCONAIA ESCAMBIA*” DR. HELMS, TROY UNIVERSITY
- **PROJECT 209**, “USING ENVIRONMENTAL DNA TO DETECT AND MONITOR ALABAMA CAVEFISH AND ALABAMA CAVE SHRIMP” DR. NEIMILLER, UNIVERSITY OF ALABAMA IN HUNTSVILLE
- **PROJECT 210**, “INVESTIGATION OF ALABAMA RED-BELLIED TURTLE NESTING IN AMERICAN ALLIGATOR NESTS” JIM GODWIN, AUBURN UNIVERSITY
- **PROJECT 212**, “CONSERVATION GENETICS AND POPULATION ASSESSMENT FOR THE FEDERALLY ENDANGERED BLACK WARRIOR WATERDOG” DR. APODDACA, TANGLED BANK CONSERVATION
- **PROJECT 215**, “USING DNA TO VERIFY THE IDENTITY OF GULF STURGEON EGGS COLLECTED FROM THE CHOCTAWHATCHEE RIVER” DR. KREISER, UNIVERSITY OF SOUTHERN MISSISSIPPI
- **PROJECT 216**, “PALE LILLIPUT (*TOXOLASMA CYLINDRELLUS*) SURVEY IN PAINT ROCK RIVER TRIBUTARIES, ALABAMA” DR. JOHNSON, ADCNR (WFF)
- **PROJECT 217**, “OBLONG ROCKSNAIL (*LEPTOXIS COMPACTA*) STATUS SURVEY, CULTURE AND REINTRODUCTION EFFORT IN THE CAHABA RIVER BASIN” DR. JOHNSON, ADCNR (WFF)
- **PROJECT 218**, “*EPIOBLASMA PENITA* DISTRIBUTION AND POTENTIAL HABITAT IN THE BUTTAHATCHEE RIVER OF ALABAMA” DR. ATKINSON, UNIVERSITY OF ALABAMA
- **PROJECT 219**, “UPDATED SURVEYS AND STATUS ASSESSMENT FOR *PTYCHOBANCHUS JONESI*, IN ADDITION TO OTHER FEDERALLY AND STATE-LISTED SPECIES, IN THE PEA RIVER WATERSHED” MR. MILLER AND DR. HELMS, TROY UNIVERSITY

FINAL & INTERIM PROJECTS 2021-2022

- **PROJECT 194**, “RECRUITMENT, ABUNDANCE AND HABITAT OF JUVENILE GULF STURGEON IN THE UPPER CHOCTAWHATCHEE AND PEA RIVERS-PHASE FOUR” STEVE RIDER, ADCNR (WFF)
- **PROJECT 210**, “INVESTIGATION OF ALABAMA RED-BELLIED TURTLE NESTING IN AMERICAN ALLIGATOR NESTS” JIM GODWIN, AUBURN UNIVERSITY
- **PROJECT 221**, “CONSERVATION GENOMIC ANALYSIS OF THE SPRING PYGMY SUNFISH (*ELASSOMA ALABAMAE*)” DR. SANDEL, UNIVERSITY OF WEST ALABAMA
- **PROJECT 222**, “STATUS OF STURGEON IN THE MOBILE RIVER BASIN” STEVE RIDER, ADCNR (WFF)
- **PROJECT 224**, “RECOVERY F ANTHONY’S RIVERSNAIL, *ATHEARNIA ANTHONYI* IN ALABAMA THROUGH PROPAGATION, REINTRODUCTION AND MONITORING” *INTERIM* DR. JOHNSON, ADCNR (WFF)
- **PROJECT 225**, “ASSESSMENT OF POTENTIAL *PLEUROBEMA TAITIANUM* HABITAT IN ALABAMA RIVER.” *INTERIM* JEFF GARNER, ADCNR (WFF)



UPCOMING PROJECTS 2022-2023

- **PROJECT 194**, “RECRUITMENT, ABUNDANCE AND HABITAT OF JUVENILE GULF STURGEON IN THE UPPER CHOCTAWHATCHEE AND PEA RIVERS-PHASE FIVE” STEVE RIDER, ADCNR (WFF)
- **PROJECT 222**, “STATUS OF STURGEON IN THE MOBILE RIVER BASIN-PHASE TWO” STEVE RIDER, ADCNR (WFF)
- **PROJECT 226**, “QUANTITATIVE ASSESSMENT OF FEDERALLY LISTED MUSSEL REINTRODUCTION EFFORTS IN THE PAINT ROCK RIVER AND TARGETED QUALITATIVE ASSESSMENT OF *LAMPSILIS VIRESCENS* (ALABAMA LAMPMUSSEL) RECRUITMENT IN THE PAINT ROCK RIVER AND BEAR CREEK” DR. JOHNSON, ADCNR (WFF)
- **PROJECT 227**, “CONECUH RIVER SURVEY FOR ROUND EBONY SHELL (*REGINAIA ROTULATA*)” JEFF GARNER, ADCNR (WFF)
- **PROJECT 228**, “ENDANGERED SPECIES SURVEYS AND MONITORING PROJECT FISHERIES” ADCNR (WFF)
 - ASSESSMENT OF *PLEUROBEMA STRODEANUM* DISTRIBUTION AND MUSSEL COMMUNITY HABITAT IN BOTTLE, BURNT CORN, AND MURDER CREEKS OF ALABAMA, DR. ATKINSON, UNIVERSITY OF ALABAMA
 - UPDATED SURVEYS AND STATUS ASSESSMENT FOR *PLEUROBEMA PEROVATUM*, *PLEUROBEMA DECISUM*, AND *HAMIOTA ALTILIS*, IN ADDITION TO OTHER RARE MUSSEL SPECIES, IN THE LOWER TALLAPOOSA RIVER WATERSHED BELOW THURLOW DAM, MR. MILLER AND DR. HELMS, TROY UNIVERSITY



UPCOMING PROJECTS 2023-2024

- **PROJECT 194**, “RECRUITMENT, ABUNDANCE AND HABITAT OF JUVENILE GULF STURGEON IN THE UPPER CHOCTAWHATCHEE AND PEA RIVERS-PHASE SIX” STEVE RIDER, ADCNR (WFF)
- **PROJECT 222**, “STATUS OF STURGEON IN THE MOBILE RIVER BASIN-PHASE THREE” STEVE RIDER, ADCNR (WFF)
- **PROJECT 228**, “ENDANGERED SPECIES SURVEYS AND MONITORING PROJECT FISHERIES-PHASE TWO” ADCNR (WFF)
- **PROJECT 229**, “COOSA RIVER BASIN SURVEY FOR COOSA CREEKSHELL (*LEAUNIO UMBRANS*)” DR. JOHNSON, ADCNR (WFF)
- **PROJECT 230**, “ALABAMA RIVER ASSESSMENT OF TULOTOMA SNAIL (*TULOTOMA MAGNIFICA*) AND SPOTTED ROCKSNAIL (*LEPTOXIS PICTA*)” JEFF GARNER, ADCNR (WFF)
- **PROJECT 231**, “FLATTENED MUSK TURTLE AND BLACK WARRIOR WATERDOG POPULATION MONITORING” JIM GODWIN, AUBURN UNIVERSITY
- **PROJECT 232**, “BLACK WARRIOR WATERDOG CONSERVATION GENOMICS TO DELINEATE POPULATIONS” DR. APODDACA, TANGLED BANK CONSERVATION



Formal proposals and reports prepared by the investigators were sent to the appropriate agencies. Please reach out to todd.fobian@dcnr.alabama.gov or carrie.threadgill@dcnr.alabama.gov for additional information.

(Note: reports include sensitive species location information which may require indemnity agreements)

NONGAME SYMPOSIUM UPDATE

- FEDERALLY MANDATED 10-YEAR SWAP REVIEW AND REVISION
- UPDATED ALABAMA SWAP TO BE PUBLISHED IN 2025
- SEAFWA WDC COMMITTEE DEVELOPED A SOUTHEASTERN SGCN DATABASE TO DOCUMENT AND STANDARDIZE CRITERIA FOR RANKING SPECIES OF GREATEST CONSERVATION NEED (SGCN)
- ADCNR GOAL OF MERGING THE SPECIES STATUS ASSESSMENT EFFORTS WITH THE SGCN RANKING AND SWAP REVISIONS
- NONGAME SYMPOSIUM TO BE HELD IN THE FALL OF 2023 (SEPT., OCT. AND NOV.)- FINAL DATES AND MEETING LOCATION PENDING
 - 3-DAY MEETING FOR EACH TAXA GROUP (BIRD, MAMMAL, AMPHIBIAN/REPTILE, FISH, CRAYFISH, MOLLUSK AND PLANT*)
 - TAXA TEAM LEADERS, COMMITTEE MEMBERS (EXPERT INPUT, DATABASE ENTRY, VIRTUAL TRAINING/MEETING PREPARATION)
 - GENERAL PUBLIC WELCOME TO ATTEND SYMPOSIA EVENTS

