



**MISSISSIPPI
DEPARTMENT OF WILDLIFE, FISHERIES, AND PARKS**

**Sam Polles, Ph.D.
Executive Director**

16 July 2019

ADMINISTRATIVE SCIENTIFIC COLLECTION PERMITS NUMBER 0716193

TO WHOM IT MAY CONCERN:

Permission is granted to:

Michael E. Colvin
Mississippi State University
P.O. Box 9690
Mississippi State, MS 39762,

assisted by Victoria Starnes, Kacy Chapman, Rick Campbell, and Brandon Sorel, to collect non-listed (federal or state, see attached list) fishes from Oktoc and Loakafoama creeks Bluff and Loakafoama larkes, and the Noxubee River in Oktibbeha, Winston, and Noxubee counties, Mississippi.

This permit is valid from 16 July 2019 to 15 July 2020.

SPECIFIC CONDITIONS AND RESTRICTIONS

1. Fishes may be collected using hoop nets, gill nets, seines, trotlines, and electrofishing.
2. MDWFP Law Enforcement must be notified at least 48 hours in advance of any electrofishing, use of hoop nets, or gill nets.
3. Any collecting gear left unattended must be labeled with the collector's name, institution, and collecting permit number.

GENERAL CONDITIONS AND RESTRICTIONS:

- 1) Specimens retained after collection must be placed in a public museum or collection where they will be available for examination by the scientific community. The Mississippi Museum of Natural Science (MMNS), 2148 Riverside Drive, Jackson, MS 39202-1353, ph: (601) 576-6000, is the principal repository of terrestrial and freshwater vertebrates, freshwater mollusks, and crayfish collected in Mississippi, and welcomes additional specimens. **Unless alternative arrangements are made with the MMNS Collections manager (Scott Peyton, 601-576-6000) or curatorial staff at the MMNS, all collections of federally listed and state listed species will be deposited at the Mississippi Museum of Natural Science.**
- 2) **This permit does not authorize the taking of any federally threatened or endangered species or any state endangered species (list attached), unless otherwise specified in this permit.**
- 3) All wildlife, including fish and invertebrates, collected under the permit are considered to be a natural resource of the State of Mississippi. Collected specimens should be handled humanely, and live, uninjured specimens not needed for permanent collections should be returned to appropriate habitat at the capture locality when no longer required. Specimens that die incidental to collection activities or which are intentionally preserved must be maintained in a scientifically acceptable fashion in a study/research collection where they will be available for examination by the general scientific community, or should be offered to a museum. The intent of the scientific collecting permit is to encourage meaningful study and to discourage the loss of specimens and information.
- 4) The issuance of a permit does not authorize trespass by the permittee. Permit is also void if permittee has not obtained other necessary permissions/permits for collection activities on public lands.
- 5) Collection of migratory birds, their nests, or eggs, collection of federally listed endangered species, and collection of federally listed threatened species (when the collector is not an agent of the State of Mississippi) requires a federal permit in addition to a state permit.
- 6) Copies of publications, survey reports, and other printed materials produced as a result of this collection should be sent to the Mississippi Museum of Natural Science (Attn: Scientific Collection Permit Review Committee.) 2148 Riverside Dr., Jackson, MS 39202.

REQUIRED COLLECTING PERMIT REPORTS

- 1) **A collecting permit report using format described below must be filed within 15 days of the expiration of the permit. A new permit will not be issued until the report has been received. Collection reports should list taxa collected, number of individuals of each, exact collection locality and date of collection. Locality information must include the county of collection, and it is preferred that precise locality information be provided in latitude/longitude (GPS) or in the township, range, and section (TRS) system. If the TRS system is used, precise location within a section should be indicated (e.g.: NW4 of SE4 of Sec 11), if possible. If GPS or TRS information is not provided, include instead a clear and precise description of the location of the collection site relative to the nearest named or numbered road, town, intersection, and/or other feature(s) likely to be mapped on a USGS quad map. For aquatic species, provide the name of the stream in which collections were made.**

Instructions for completing Scientific Collections Report

Below is a list of information that should be included in scientific collecting reports, if it applies to the activities covered by the collecting permit. Because of the broad spectrum of activities covered by collecting permits, individual reports may require an altered format or other information not described below. If possible, reports should be submitted electronically in a spreadsheet format (preferably in Excel or Access). A blank spreadsheet with the requested fields can be provided to you by Email. Please include the following fields in the spreadsheet, if they apply to the work conducted under the permit. If you cannot provide an electronic version of the collections report, a blank hard copy of a collections report form can be provided to you. If you have any questions, please contact Scott Peyton at 601-576-6000 or collections.manager@mmns.state.ms.us.

- A. SPECIES - species name (scientific name), or lowest taxonomic description possible, for each collected taxon.
- B. SACRIFICED - If specimens were killed for vouchers or other scientific purposes, indicate the number taken.
- C. NUMBER – total number of each species collected or handled. Include both the number taken and the number released in this total.
- D. DATE – specific date of each collection.
- E. COUNTY – county where each collection occurred.
- F. COORDINATES (X) - latitude/longitude, UTM coordinates
- G. COORDINATES (Y) - latitude/longitude, UTM coordinates
- H. UTM ZONE – UTM coordinates only
- I. TRS - Township, Range and Section (optional, but please include if possible)
- J. LOCALITY - brief description of locality, e.g. Chickasawhay River 100m upstream from HWY 84 bridge.
- K. COLLECTOR(S) – person or persons who made the collection.
- L. TISSUE - Indicate the number of specimens from which tissue samples were taken for genetic analysis or other purposes. If no tissue samples were taken, this column can be omitted.

- M. DISPOSITION - For sacrificed specimens or tissue samples, list institution(s) where specimens/samples were deposited. For specimens released, indicate where the specimens were released.
 - N. TEMP EXP or TEMP PROP - If specimens are held in captivity temporarily for experimental purposes or for propagation and later released, a field should be included to capture this information.
 - O. TAGGED - If specimens are marked or tagged and released, a field should be included to capture this information.
- 2) **Those collecting federally listed species specified in this permit must submit an additional report to the state, due the first week of October, detailing collections of listed species made between 1 October of the previous year and 30 September of the current year.**



Charles Knight, Director
Mississippi Museum of Natural Science
Mississippi Department of Wildlife, Fisheries, & Parks

CK:nh, conservation biology section

Enclosure