

**Mississippi Museum of Natural Science Technical
Report Series**

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- BUSACK CA. The status of *Procambarus lylei* Fitzpatrick and Hobbs, a rare endemic crayfish of northern Mississippi, with notes on its genetic relationship to other species of the subgenus *Pennides* of genus *Procambarus*.
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- No. 3 Mississippi Wildlife Heritage Fund Research Grant Committee, Compiler. 1989. 1988 Wildlife Heritage fund research grant reports.
- DUNCAN JE. Final progress report submitted to the Mississippi Natural Heritage Program concerning the floristic survey of Clay County, Mississippi for 'special plants'.
 - KEISER ED. A study of amphibian and reptile winter habitats and activity levels in northern Mississippi.
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- No. 7 Gordon KL, Wiseman JB Jr. 1989. Bienville National Forest prairie survey, final report.
- No. 8 Mississippi Wildlife Heritage Fund Research Grant Committee, Compiler. 1990. 1989 Wildlife Heritage fund research grant reports.
- CLIBURN W. Status of Mississippi populations of *Eurycea lucifuga*, *Gryinophilus porphyriticus* and *Pseudacris brachyphona* in northeastern Mississippi.
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 - ROSS ST, WILKINS SD. Reproductive behavior and habitat selection of the bayou darter.
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- No. 9 Hartfield P, Jones R. 1990. Population status of endangered mussels in the Buttahatchee River, Mississippi and Alabama, Segment 1, 1989.
- No. 10 Jones RL, Hartfield PD. 1990. Density and population structure of the Ringed Sawback Turtle *Graptemys oculifera* (Baur), Year 2 (June, 1989 - June, 1990).

- No. 11 (NUMBER NOT USED)
- No. 12 Stevens MP. 1991. The Botanical Literature of Mississippi: A Taxonomic, Geographic, and Subject Guide, 1854 - 1984.
- No. 13 Pierson M. 1991. Status Survey of the Southern Clubshell, *Pleurobema decisum*, (Lea, 1831). Funded by USFWS.
- No. 14 Jones RL. 1991. Population status survey of endangered mussels in the Buttahatchee River, Alabama and Mississippi. Segment 2, 1990. Funded by USFWS, Project E-1, Segment 6.
- No. 15 Lazell J. 1996. A new salamander of the genus *Plethodon* from Mississippi. Jamestown, RI. The Conservation Agency; 1996. Funded by The Conservation Agency and the Mississippi Natural Heritage Program Research Grant.
- No. 16 Gordon KL, Wieland RG, Eakes CB. 1991. Biological surveys for section 3P Natchez Trace Parkway. Funded by the National Park Service.
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- No. 18 Patrick DM, Mao L, Ross ST. 1991. The impact of geomorphic changes on the distribution of Bayou Darters in the Bayou Pierre System. Funded by USFWS, Project No. E-1, Segment 6.
- No. 19 Jones CA. 1992. Mammalian use of gopher tortoise burrows in Mississippi: A preliminary survey.
- No. 20 Jones CA, McDearman WW. 1992. Gopher Tortoise recovery plan: Information and education on management of Longleaf Pine and private lands. Submitted to USFWS, Section 6.
- No. 21 Eakes CB. 1992. Endangered plant survey of Meridian NAS, Bomb target, and OLF Bravo. Final report submitted to US Navy.
- No. 22 Gordon KL, Smith JA. 1992. Rare plant survey of Homochitto National Forest. Funded by USDA Forest Service.
- No. 23 Jones RL. 1993. Density, population structure, and movements of the Yellow-blotched Map Turtle (*Graptemys flavemaculata*). Year ONE report. Funded by USFWS, Project No. E-1, Segment 7.
- No. 24 Mann TM. 1993. Gopher tortoise densities and burrow occupancy rates on selected sites in Mississippi. Submitted to USFWS, Section 6.
- No. 25 Wieland RG. 1994. Marine and estuarine habitat types and associated ecological communities of Mississippi Coast.
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- No. 27 Seigel RA, Brauman RJ. 1994. Reproduction and nesting of the Yellow-blotched Map Turtle (*Graptemys flavimaculata*). Funded by USFWS, Mississippi Endangered Species Project E-1, Segment 8.
- No. 28 Seigel RA, Brauman RJ. 1994. Food habits of the Yellow-blotched Map Turtle (*Graptemys flavimaculata*). Funded by USFWS, Mississippi Endangered Species Project E-1.

- No. 29 Murphy MJ, Skaines J. 1994. Habitat and movement of the Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) in the Pascagoula River, Mississippi. Funded by USFWS, Mississippi Endangered Species Project E-1, Segment 8.
- No. 30 Jones RL. 1994. Density, population structure and movements of the Yellow-blotched Map Turtle *Graptemys flavimaculata*. Final Report. Funded by USFWS, Mississippi Endangered Species Project, E-1; Segment 8.
- No. 31 Jones RL. 1994. Surveys of East Fork Tombigbee and Buttahatchee Rivers for listed species of freshwater mussels. Funded by USFWS, Mississippi Endangered Species Project, E-1, Segment 9.
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- No. 33 Seigel RA, Brauman RJ. 1995. Reproduction and nesting of the Yellow-blotched Map Turtle, *Graptemys flavimaculata*. Funded by USFWS, Mississippi Endangered Species Project, E-1, Segment 9.
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- No. 38 Tuma MW. 1995. Life history of the Gopher Tortoise (*Gopherus polyphemus*) on Camp Shelby, Mississippi. Project No. 460, Gopher Tortoise Research, Year-end Report for the 1994 season.
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- FLOYD PS. Study of the nesting Biology of the Mississippi Red-bellied Turtle.
 - FLOYD PS, FLOYD JD. Estimation of population density of the Gulf Salt Marsh Snake in the Bayou Rosa Marsh in Pascagoula, MS.
 - HUNEYCUTT MB. Vascular plants on the Pontotoc Ridge.

- JOHNSTON C, FIGIEL C. Population estimates, microhabitat parameters and life history characteristics of *Fallicambarus burrisi* and *Fallicambarus gordonia*, two crayfishes associated with Pitcher Plant bogs in Southern Mississippi.
- MARSHALL JL. The amazing Brook-side Salamanders.
- MARSHALL JL, KEISER ED. A species richness analysis of spring dwelling salamanders with life history and migration patterns of the Southern Two-lined Salamander (*Eurycea cirrigera*).
- MILLER P, MILLER G. Distribution of the Obligate Burrowing Wolf Spiders in Mississippi. Jackson:
- MORRIS MW. A floristic survey of Beech-Magnolia Forests for special plants and communities in Central Mississippi.
- MUELLER A, BURRIS JW. The 1995 colonial waterbird count, final technical report.
- O'CONNELL M, ROSS S, EWING J. Survey for the Blackmouth Shiner, *Notropis melanostomus* (Teleostei: Cyprinidae), in lakes and streams of the upper Pascagoula River Drainage.
- PARSONS G. Life history of the Northern Madtom, *Noturus stigmosus* in the Wolf, Hatchie, Tallahatchie, Cold Water and Big Black River Drainages.
- PETERSON M, CREGO G. Distribution and habitat characteristics of the bluespotted sunfish, *Enneacanthus gloriosus* (Holbrook) III.

- No. 43 Estes T, Mann TM. 1996. State land 16th section Gopher Tortoise Survey. Funded by USFWS, E1; Segment 10.
- No. 44 Woodrey MS, Szell CC. 1996. Reproductive success of the interior population of Least Terns nesting on the Mississippi River from Memphis, TN to Rosedale, MS: Year One. Funded by USFWS, E-1; Segment 10.
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- No. 54 Seigel RA, Horne BD. 1997. Management of the Ward Bayou Wildlife Management Area to promote the recovery of the Yellow-blotched Map Turtle, *Graptemys flavimaculata*. (Tennessee Tombigbee Waterway Wildlife Mitigation Project). Annual Report. Submitted to Corps of Engineers, Mobile District.
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- ADAMS SR, PARSONS G. Fishes of Indian Creek, Wolf River Drainage.
 - CASH WB. Population Status of the Hellbender, *Cryptobranchus alleganiensis*, in Bear Creek, Tishomingo, County, Mississippi.
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 - MCCOOK L, GARRISON WJ. Distribution and Status of Turtleheads, *Chelone glabra*, *C. obliqua* and *C. lyonii*, in Mississippi.
 - PETERSON M, FULLING G, CREGO G. Distribution and Habitat Characteristics of the Saltmarsh Topminnow, *Fundulus jenkinsi* (Everman).
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- No. 58 Richter SC, Seigel RA. 1998. Demography and reproduction of Gopher Frogs in Mississippi. Funded by USFWS, Project E-1, Segment 12.
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- No. 63 Slack WT, Ross ST, Ewing JA III. 1998. Relative abundance and the ecology of early life history stages of the Bayou Darter: Critical habitat and downstream transport. Funded by USFWS, Project No.E-1, Segment 12.
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- No. 65 Jones RL, Majure TC. 1999. Endangered mussels of Tombigbee River tributaries: Bull Mountain Creek. Funded by USFWS, Project No. E-1, Segment 13.
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- No. 67 Richter SC, Seigel RA. 1999. Demography and reproduction of Gopher Frogs in Mississippi. Funded by USFWS, Project No. E-1, Segment 13.
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- No. 69 Wieland RG. 1999. Old Fort Bayou mitigation bank land, Jackson, County, Mississippi: Rare plant and ecological communities inventory. Vol. 1 and 2 in one volume. Funded by the Mississippi Nature Conservancy.
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- No. 78 Seigel RA, Kennedy CK. 1999. Demography and reproduction of Gopher Frogs in Mississippi. Funded by USFWS, Project No. E-1 Segment 14.
- No. 79 Seigel RA, Anderson NJ. 1999. Effects of habitat manipulation on Gopher Tortoises in Mississippi. Funded by USFWS, Project No. E-1, Segment 14.
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- No. 83 Mississippi Wildlife Heritage Checkoff Fund, Compiler. 1999. Wildlife Heritage Checkoff Fund Research Grant Reports.
- BREWER JS, AQUILANI SM. The effects of current fire management practices on forestobligate bird species of concern and their associated tree communities in Holly Springs National Forest.
 - BROWN RL, SCHIEFER TL, COLLISON C, MACGOWN J. Survey of insects in the Tombigbee District of the Tombigbee National Forest with emphasis on moths, longhorn beetles, and sap beetles.
 - COULSON J. Breeding status of Swallow-tailed Kites in Mississippi: Final Report.
 - HAYS, JOHN. A botanical survey for rare species of *Agalinis* (Scrophulariaceae) in Mississippi.
 - JOHNSTON CE, PHILLIPS B. Fishes and mussels of the Bear Creek drainage, Mississippi.
 - PILLER KR, TIPTON JA, BART HL. Status survey of the frecklebelly madtom, *Noturus munitus*, in the Pearl and Upper Tombigbee River systems, MS.
 - TROUSDALE AW, BECKETT DC. Survey for three species of bats, *Lasiurus cinereus*, *Lasiurus intermedius*, and *Corynorhinus rafinesquii* (Chiroptera: Vespertilionidae) in Southern Mississippi.
 - WAITE TA, IBARGUEN S. Using isotopic, genetic, and bioacoustic markers to identify the breeding origins of Henslow's sparrows.
- No. 84 Ross ST, Heise RJ, Slack WT, Ewing JA III, Dugo M. 2000. Movement and habitat use of the Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) in the Pascagoula Drainage of Mississippi: Year IV. Funded by USFWS, Project No. E-1; Segment 15.
- No. 85 Ross ST, Cashner MF, Darden R. 2000. Conservation of the Pearl Darter, *Percina aurora*: Survey of the Upper Pascagoula Drainage. Funded by USFWS, Project No. E-1, Segment 15.
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- AQUILANI SM, BREWER JS. A landscape-scale approach to determining the effects of forest fragmentation on forest obligate migrant bird species of concern in Little Tallahatchie Experimental Forest and adjacent Holly Springs National Forest.
 - BECKETT DC, TROUSDALE AW. Survey of bats (Mammalia: Chiroptera) in caves of Mississippi. Jackson, MS.
 - BRITSON CA. Status survey of the Alligator Snapping Turtle (*Macroclmys temminckii*) in the Little Tallahatchie River Basin.
 - HIMES JG, BECKETT DC. Survey for salamanders in bottomland forests in central and southern Mississippi, with an emphasis on *Hemidactylum scutatum* (Four-toed Salamander) and *Pseudotriton montanus* (Mud Salamander).
 - MORRIS MW. A floristic survey of the Pascagoula River Wildlife Management Area for special plants and communities.
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 - TROUSDALE AW, BECKETT DC. Ecological investigations of colonies of Rafinesque's bigeared bats (*Corynorhinus rafinesquii*) in Southern Mississippi: Use of bridges as dayroosts, phenological development, and roost fidelity.
- No. 90 Ross ST, Heise RJ, Dugo MA, Slack WT. 2001. Movement and habitat use of the Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) in the Pascagoula Drainage of Mississippi: Year V. Funded by USFWS, Project E-1, Segment 16.
- No. 91 Woodrey MS, Woltmann S. 2001. An ornithological inventory of the Charles M. Deaton Preserve in George and Greene Counties, Mississippi. Funded by The Nature Conservancy.
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- No. 94 Mississippi Wildlife Heritage Checkoff Fund, Compiler. 2002. Wildlife Heritage Fund Research Grant Reports, 2001.
- BREWER JS, HOHMAN DS, AQUILANI SM. An investigation of bird species of concern in three climax upland communities in northern Mississippi: Implications for fire management.
 - DARDEN RL, KREISER BR, DARDEN TL, ALFORD JB. Survey of the mussel fauna and associated fish community of the Strong River, with emphasis on *Elliptio arctata* and *Ligumia recta*.
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 - HIMES JG, BECKETT DC. Survey of salamanders in the Vicksburg geologic group of southeast-central Mississippi.
 - KREISER BR, DARDEN RL. A population genetic survey of Mississippi southern redbelly dace (*Phoxinus erythrogaster*): Biogeographic hypotheses and the description of evolutionarily significant units.
 - SHELTON DN. A survey of the freshwater gastropods of the state of Mississippi.
- No. 95 Slack WT, Heise R, Dugo M, Ewing JA. 2002. Status of the Pearl Darter (Percidae: *Percina aurora*) in the Pascagoula River, MS. Funded by USFWS, Jackson Field Office.

- No. 96 Slack WT, Ross S. 2002. A survey of Lower Bayou Pierre for Bayou Darters (*Etheostoma rubrum*). Funded by Federal Highway Administration, Sterling, VA.
- No. 97 Keiser ED. 2002. Survey to locate populations and to determine the range and habitat preferences of the rare one-toed Amphiuma in Mississippi. Funded by USFWS, Project No. E-1, Section 6, Segment 17.
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- BEST T. Distribution and abundance of the Northern Myotis (*Myotis septentrionalis*) in Mississippi.
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 - DOBIE JL. A status survey of an undescribed (new) species of *Pseudemys* turtle from Mississippi .
 - ELEUTERIUS LN. A floristic and ecological survey of Indian Shell Middens and habitation sites in the salt marshes and adjacent uplands on the Mississippi Coast.
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