

COUNTY RECORDS OF TESTUDINATA COLLECTED IN GEORGIA

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During the period 1951-53 I have attempted to obtain records of Georgia turtles from various museums, private collections and by actual collecting in the field. This is a report of the data accumulated, thus far, from these sources.

Records of turtle specimens in the major museum collections were received from the following: (the initials in parenthesis will be used to denote the museum or individual in the county record list) American Museum of Natural History (AMNH); Carnegie Museum (CM); Chicago Natural History Museum (CNHM); Department of Biology, University of Georgia (DBUG); Florida State Museum (FSM); Museum of Comparative Biology (MCZ); University of Michigan Museum of Zoology (UMMZ); and the United States National Museum (USNM). Specimens of Georgia turtles in the private collection of Robert L. Humphries (RLH) were identified and their county records are included in this report. Thirty-three species were found to exist in Georgia during this study.

The writer is indebted to the following who have aided by making available lists of Georgia Testudinata that are in their custody: C. M. Bogert (AMNH), Neil D. Richmond (CM), C. C. Gregg (CNHM), Bernard Martof (DBUG), Robert Hellman (FSM), Arthur Loveridge (MCZ), Norman Hartweg (UMMZ), and Doris M. Cochran (USNM). Material in several museum collections were reexamined for subspecific determination. I am grateful to Bessie M. Hecht (AMNH), George B. Rabb (UMMZ), and Hymen Marx (CNHM) for doing this task.

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The annotated list which follows gives the counties from which each particular species of turtle is recorded. It is thought not necessary to give the museum or private collection number for each county record if the record lies within the known range of the species. This policy is adhered to in this paper. However, the museum or private collection number is given in special cases; such as, questionable identification or record, outside of known range, etc. The classification for categories above that of genus is according to Williams (1950) and for genera and below it is according to Carr (1952).

Family CHELYDRIDAE

Subfamily Chelydrinae

- Macrochelys temminckii* (Troost). Alligator snapper. Charlton (AMNH 69731 skull), Meriwether, and Muscogee.
- Chelydra serpentina osceola* Stejneger. Florida snapper. Thomas (CNHM 34741).
- Chelydra s. serpentina* (Linne). Common snapper. Berrien, Bibb, Chatham, Lanier, McIntosh, Oconee, Rabun, Richmond, Thomas, and Ware.

Subfamily Kinosterninae

- Sternotherus carinatus minor* (Agassiz). Loggerhead musk turtle. Bacon, Baker, Floyd, Lee, Monroe, Muscogee (MCZ 1571, 2 cotypes), Pulaski, Randolph, Taylor, Turner, Ware, Whitfield, and Wilcox.
- Sternotherus c. peltifer* Smith and Glass. Tennessee musk turtle. Decatur (FSM), Emanuel (FSM), and Wilcox (RLH).
- Sternotherus odoratus* (Latreille). Common musk turtle. Aiken, Berrien, Bibb, Burke, Clarke, Dekalb, Emanuel, Gwinnett, Jones, Lanier, Liberty, Lincoln, Lowndes, Meriweather, Thomas, and Whitfield.
- Kinosternon b. bairii* (Garman). Stripped mud turtle. Lanier (AMNH 42813). In a correspondence Bessie M. Hecht (Scientific assistant, AMNH) states that this specimen "was collected by G. K. Noble in February, 1930. . . . I checked the identification and found it to be correct. . . . There is no field tag attached to the specimen. Until another specimen was found in Georgia, I would question the validity of the data that is listed in the catalog for this specimen."
- Kinosternon subrubrum hippocrepis* Gray. Mississippi mud turtle. Wilcox (JCK 211) and Bibb (JCK 220).
- Kinosternon s. subrubrum* (Lacepede). Common mud turtle. Bibb, Burke, Bryan, Candler, Chatham, Clinch, Cobb, Dekalb, Dougherty, Emanuel, Forsythe, Fulton, Grady, Houston, Johnson, Lee, Lowndes, McIntosh, Polk, Spalding, Telfair, Thomas, Walker, Ware, Wilcox.

Family TESTUDINIDAE

Subfamily Emydinae

- Glemmys guttata* (Schneider). Spotted turtle. Berrien, Lanier, and Liberty.
- Terrapene carolina bairi* Taylor. Florida box turtle. Brantley, Grady, Lowndes, Thomas.
- Terrapene c. carolina* (Linne). Common box turtle. Bibb, Burke, Clarke, Cobb, Effingham, Emanuel, Floyd, Gilmer, Houston, Jasper, Jones, Lumpkin, Marion, Monroe, Richmond, Stephens, Thomas, Whitfield.
- Terrapene c. major* (Agassiz). Gulf coast box turtle. Bibb, Charlton, Emanuel, Grady, Lowndes, Meriweather, Thomas.
- Terrapene c. triunguis* (Agassiz). Three-toed box turtle. Baker, Ben Hill, Bibb, Chatham, Cook, Dooly, Early, Emanuel, Grady, Lanier, Pulaski, Thomas, Turner, Ware, Wayne, Worth.
- Terrapene ornata* (Agassiz). Ornate box turtle. Grady (CNHM 8214).
- Malaclemys terrapin centrata* (Latreille). Southern diamond-back terrapin. Chatham, Glynn, McIntosh.
- Graptemys barbouri* Carr and Marchand. Barbour's Sawback turtle. Baker.
- Chrysemys picta dorsalis* Agassiz. Western painted turtle. Bibb (JCK 200).
- Chrysemys p. picta* (Schneider). Eastern painted turtle. Bibb, Clarke, DeKalb, McDuffie, Oglethorpe, Spalding, Whitfield.
- Pseudemys floridana coucinna* (Le Conte). River turtle. Bibb, Burke, and Muscogee.

- Pseudemys f. floridana* (Le Conte). Coastal Plain turtle. Baker, Bibb, Bryan, Charlton, Coffee, Emanuel, Grady, Lowndes, Screven, Thomas.
- Pseudemys f. heiroglyphica* (Holbrook). Hieroglyphic turtle. Charlton (UMMZ 90009).
- Pseudemys f. mobiliensis* (Holbrook). Mobile turtle. Baker, Chatham (MCZ 1642), and Lincoln (USNM).
- Pseudemys scripta elegans* (Wied). Red-eared turtle. Grady.
- Pseudemys s. scripta* (Schoepff). Yellow-bellied turtle. Baker, Bibb, Bryan, Chatham, Cook, Emanuel, Grady, Gwinnett, McDuffie, McIntosh, Richmond, Seminole, Thomas, and Toombs.
- Pseudemys s. troostii* (Holbrook). Cumberland turtle. Chatham (MCZ 1694).
- Dierochelys reticularia* (Latreille). Chicken turtle. Baker, Berrien, Chatham, Clinch, Colquitt, Effingham, Irwin, Lowndes, Thomas, Ware, Wayne, Wilcox.

Subfamily Testudininae

- Gopherus polyphemus* (Daudin). Gopher tortoise. Brantley, Charlton, Glynn, Grady, Irwin, Marion, Thomas, Wilcox, Worth.

Family CHELONIIDAE

- Caretta c. caretta* (Linne). Atlantic loggerhead turtle. Chatham.
- Lepidochelys kempii* (Garman). Atlantic ridley. Chatham, Glynn, McIntosh.

Family TRIONYCHIDAE

Subfamily Trionychinae

- Trionyx ferox agassizi* (Baur). Agassiz' soft-shelled turtle. Baldwin, Baker, Berrien, Gwinnett (UMMZ 53037), Irwin, Murray (UMMZ 59196), and Whitfield (UMMZ 74209).
- Trionyx f. aspera* (Agassiz). Southern spiny soft-shelled turtle. Baker (RLH T-39), Chatham (MCZ 1598-1603), Gwinnett (MCZ 1607), and Muscogee (MCZ 1604-1606).
- Trionyx f. ferox* (Schneider). Southern soft-shelled turtle. Charlton and Lowndes.

LITERATURE CITED

- Carr, Archie. 1952. *Handbook of Turtles*. Ithaca: Comstock Publ. Co. xv, 542 p., 82 pl., 23 maps.
- Williams, Ernest E. 1950. Variation and selection in the cervical central articulations of living turtles. *Bull. Amer. Mus. Nat. Hist.*, vol. 94, art. 9, p. 505-562, March 24.

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Dr. J. Ives Townsend, of the U-T department of zoology and entomology, attended the First International Congress of Human Genetics in Copenhagen and visited several laboratories in northern Europe in August.

Dr. J. Gordon Carlson, head of the U-T department of zoology and entomology, was one of 25 scientists to be invited to participate in a conference on physiological development of insects at Montreal, Canada, August 14-16. The conference was sponsored by the National Academy of Sciences and the National Research Council.