

CURRICULUM VITAE

Judith L. Greene

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PERSONAL: Born October 20, 1953, Augusta, GA
Married, 1 child

EDUCATION: B.S. in Biology, Furman University, 1975

EMPLOYMENT HISTORY:

1992-Present Research Coordinator, Savannah River Ecology Laboratory, Aiken, SC

1976-1992 Research Technician, Savannah River Ecology Laboratory, Aiken, SC

1975-1976 Research Technician, Medical College of Georgia, Augusta, GA

1973-1975 Biology Department Laboratory Assistant (in the museum and herbarium, and in freshman zoology), Furman University, Greenville, SC

MAJOR PROFESSIONAL ACCOMPLISHMENTS:

Created and maintain herpetological database comprised of over 30 years of herpetological data from the Savannah River Site and other locales

Developed the use of the x-ray technique as a non-destructive sampling technique to quantify reproductive effort in reptiles

Assisted in most aspects of the preparation of the book, *Life History and Ecology of the Slider Turtle*, including analysis of the data set mentioned above

RESEARCH PUBLICATIONS:

- 1976 Gibbons, J. Whitfield, David H. Nelson and Judith L. Greene. The reptiles and amphibians of the Savannah River Plant in west-central South Carolina. IN: Proceedings of the First South Carolina Endangered Species Symposium. D. N. Forsythe and W. B. Ezell, Jr. (Eds). pp. 79-81.
- 1978 Gibbons, J. W. and J. L. Greene. Selected aspects of the ecology of the chicken turtle, *Deirochelys reticularia* (Latreille)(Reptilia, Testudines, Emydidae). Journal of Herpetology 12(2):237-241.
- 1978 Gibbons, J. W., J. L. Greene, and J. P. Schubauer. Variability in clutch size in aquatic chelonians. British Journal of Herpetology 6:13-14.
- 1979 Gibbons, J. W., G. H. Keaton, J. P. Schubauer, J. L. Greene, J. McAuliffe and R. R. Sharitz. Unusual population size structure in freshwater turtles on barrier islands. GA Journal of Science 37:155-159.
- 1979 Gibbons, J. W. and J. L. Greene. X-ray photography: A technique to determine reproductive patterns of fresh-water turtles. Herpetologica 35(1):86-89.
- 1981 Gibbons, J. W., R. D. Semlitsch, J. L. Greene, and J. P. Schubauer. Variation in age and size at maturity of the slider turtle (*Pseudemys scripta*). Amer. Naturalist 117:841-845.
- 1982 Gibbons, J. W., J. L. Greene, and K. K. Patterson. Variation in reproductive characteristics of aquatic turtles. Copeia 1982(4):776-784.
- 1982 Congdon, J. D., J. W. Gibbons, J. L. Greene. Parental investment in the chicken turtle (*Deirochelys reticularia*). Ecology 64(3):419-425.

- 1983 Gibbons, J. W., J. L. Greene and J. D. Congdon. Drought-related responses of aquatic turtle populations. *Journal of Herpetology* 17(3):242-246.
- 1986 Congdon, J. D., J. L. Greene, and J. W. Gibbons. Biomass of freshwater turtles: A geographic comparison. *American Midland Naturalist* 115:165-173.
- 1990 Frazer, N. B., J. W. Gibbons, and J. L. Greene. Exploring Fabens' growth model with data on a long-lived vertebrate *Trachemys scripta* (Reptilia: Testudinata). *Copeia* 1990(1):112-118.
- 1991 Frazer, N. B., J. W. Gibbons and J. L. Greene. Growth, survivorship and longevity of painted turtles *Chrysemys picta* in a southwestern Michigan marsh. *American Midland Naturalist* 125: 245-258.
- 1991 Frazer, N. B., J. W. Gibbons, and J. L. Greene. Life history and demography of the common mud turtle, *Kinosternon subrubrum* (Kinosternidae), in South Carolina, USA. *Ecology* 72(6):2218-2231.
- 1993 Burke, V. J., J. W. Gibbons and J. L. Greene. Prolonged nesting forays by common mud turtles (*Kinosternon subrubrum*). *American Midland Naturalist* 131: 190-195.
- 1993 Frazer, N. B., J. L. Greene and J. W. Gibbons. Temporal variation in growth rate and age at maturity of male painted turtles, *Chrysemys picta*." *American Midland Naturalist* 130: 314-324.
- 1994 Frazer, N. B., C. J. Limpus and J. L. Greene (1994). Growth and estimated age at maturity of Queensland loggerheads. Proceedings of the 14th Annual Symposium on Sea Turtle Biology and Conservation, Hilton Head, SC, NOAA Technical Memorandum NMFS-SEFSC-351.
- 1995 Burke, V. J., J. L. Greene and J. W. Gibbons. "The effect of sample size and study duration on metapopulation estimates for slider turtles (*Trachemys scripta*)." *Herpetologica* 51: 451-456.
- 1995 Buhlmann, K. A., T. K. Lynch, J. W. Gibbons and J. L. Greene. "Prolonged egg retention in the turtle *Deirochelys reticularia* in South Carolina." *Herpetologica* 51: 457-462.
- 1996 Tuberville, T. D., J. W. Gibbons and J. L. Greene. "Invasion of new habitats by male freshwater turtles." *Copeia* 3: 713-715.
- 2000 Gibbons, J. W., D. E. Scott, T. J. Ryan, K. A. Buhlmann, T. D. Tuberville, B. S. Metts, J. L. Greene, T. Mills, Y. Leiden, S. Poppy and C. Winne. "The global decline of reptiles, DeJa Vu amphibians." *BioScience* 50: 653-666.
- 2001 Tucker, A. D., J. W. Gibbons and J. L. Greene. "Estimates of adult survival and

- migration for diamondback terrapins: conservation insight from local extirpation within a metapopulation." Canadian Journal of Zoology **79**: 2199-2209.
- 2001 Gibbons, J. W., J. E. Lovich, A. D. Tucker, N. N. FitzSimmons and J. L. Greene. "Demographic and ecological factors affecting conservation and management of the diamondback terrapin (*Malaclemys terrapin*) in South Carolina." Chelonian Conservation and Biology **4**: 66-74.
- 2005 Buhlmann, K. A., T. D. Tuberville, Y. Leiden, T. J. Ryan, S. Poppy, C. T. Winne, J. L. Greene, T. M. Mills, D. E. Scott and J. W. Gibbons. Amphibians and reptiles. Ecology and Management of a Forested Landscape: Fifty Years on the Savannah River Site. J. C. Kilgo and J. I. Blake. Washington, DC, Island Press: 203-223.
- 2006 Steen, D. A., M. J. Aresco, S. G. Beilke, B. W. Compton, E. P. Condon, C. K. Dodd, Jr., H. Forrester, J. W. Gibbons, J. L. Greene, G. Johnson, T. A. Langen, M. J. Oldham, D. N. Oxier, R. A. Saumure, F. W. Schueler, J. M. Sleeman, L. L. Smith, J. K. Tucker and J. P. Gibbs. "Relative vulnerability of female turtles to road mortality." Animal Conservation **9**: 269-273.
- 2006 Gibbons, J. W., C. T. Winne, D. E. Scott, J. D. Willson, X. Glaudas, K. M. Andrews, B. D. Todd, L. A. Fedewa, L. Wilkinson, R. N. Tsaliagos, S. J. Harper, J. L. Greene, T. D. Tuberville, B. S. Metts, M. E. Dorcas, J. P. Nestor, C. A. Young, T. Akre, R. N. Reed, K. A. Buhlmann, J. Norman, D. A. Croshaw, C. Hagen and B. B. Rothermel. "Remarkable Amphibian Biomass and Abundance in an Isolated Wetland: Implications for Wetland Conservation." Conservation Biology **20**: 1457-1465.

BOOK CHAPTERS:

- 1990 Gibbons, J. W. and J. L. Greene. Reproduction in the slider and other species of turtles. IN: *Life History and Ecology of the Slider Turtle*. J. W. Gibbons (Ed). Smithsonian Institution Press. p. 124-134.
- 1990 Frazer, N. B., J. W. Gibbons and J. L. Greene. Life tables of a slider turtle population. IN: *Life History and Ecology of the Slider Turtle*. J. W. Gibbons (Ed). Smithsonian Institution Press. p. 183-200.
- 1990 Gibbons, J. W., J. L. Greene and J. D. Congdon. Temporal and spatial movement patterns of sliders and other turtles. IN: *Life History and Ecology of the Slider Turtle*. J. W. Gibbons (Ed). Smithsonian Institution Press. p. 201-215.
- 2008 Congdon, J. D., J. L. Greene, and R. J. Brooks. Reproduction and Nesting Ecology of female common snapping turtles. IN *Biology of Snapping Turtles*. A.C. Steyermark and M.S. Finkler (Eds). Johns Hopkins Press, p 123-134.

POPULAR ARTICLE

2005 Greene, Judy and Tony Mills, "Snake Wannabes." *2005 Annual Reptiles USA*, 10th Anniversary Issue. p. 74-81.