

C. Kenneth Dodd, Jr.
Zoologist (Research)



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EDUCATION

- 1974 Ph.D., Zoology, Clemson University, Clemson, S.C. Dissertation:
Defensive mechanisms of Neotropical salamanders
(Tribe Bolitoglossini) with an experimental analysis of immobility
and the effects of temperature on immobility.
1972 M.S., Zoology, Arizona State University, Tempe, AZ.
1971 B.S., Zoology, University of Kentucky, Lexington, KY.

AREAS OF SPECIALIZATION

Life history, evolution, behavior, and conservation biology of amphibians and reptiles.
History and bibliography of herpetology.

PROFESSIONAL EXPERIENCE

- 1984 – present **Zoologist (Research)**, Florida Integrated Science Centers - U.S. Geological Survey
[position variously with U.S. Fish and Wildlife Service, National Biological Survey,
National Biological Service]
1976 – 1984 **Zoologist (Herpetologist)**, Office of Endangered Species, U.S. Fish and Wildlife
Service, Washington, DC
1975 – 1976 **Visiting Assistant Professor**, Mississippi State University

PROFESSIONAL ACTIVITIES (IN PART)

Society for the Study of Amphibians and Reptiles - Board of Directors (1998-2000), Editorial Board,
Journal of Herpetology (1993-1994), Associate Editor, Journal of Herpetology (1995-2003),
Conservation Committee (1979-Present; Chair 1994 - 1998)

Herpetologist's League - Vice-President (2000-2001), President (2002-2003), Board of Directors (2004-
2009)

Editorial Board - Herpetologica (2004-Present)

American Society of Ichthyologists and Herpetologists - Board of Governors (1990-1995), Secretary-
Treasurer, Southeast Div. (1990-1991), Vice President, Southeast Div. (1991-1992), President, Southeast
Div. (1992-1993), Editorial Board (General Herpetology), Copeia (1997- 2002)

International Society for the Study and Conservation of Amphibians - Board of Councillors (1996-2003;
President 2003-2004)

Chelonian Conservation and Biology - Editorial Board (1993-Present)

Applied Herpetology - Editorial Board (2003-Present)

Annual Symposium on Sea Turtle Biology and Conservation - Board of Governors (1993-1998)

IUCN - Freshwater Turtle and Tortoise Specialist Group (Full member), Crocodile Specialist Group (Corresponding member, 1983-1989; Full member, 1989-1997), Marine Turtle Specialist Group (Full member), Declining Amphibians Populations Task Force (1992- Present; Chair, Southeastern U.S. section, 1992-2000)

HONORS AND AWARDS

Special Achievement Award, U.S. Fish and Wildlife Service (1980, 1985, 1987, 1992); Quality Performance Award, U.S. Fish and Wildlife Service (1986); Annual Award for Conservation, Desert Tortoise Council (1985); Co-Chairman's Special Award, Gopher Tortoise Council (1990); USDI STAR Award (1998, 2003). Member of Sigma Xi.

CONTRACTS AND GRANTS

Serves as Principle Investigator on grants and cyclical funds from federal (FWS, NPS, OSM, USGS) and state (FL DOT) agencies. Serves as PI for the USGS Amphibian Research and Monitoring Initiative in the southeastern US.

ACADEMIC INVOLVEMENT

Associate Professor (Courtesy), Department of Wildlife Ecology and Conservation and Department of Interdisciplinary Ecology, University of Florida (1986-Present). Chair or have chaired 4 PhD and 4 MS graduate committees; served on additional 2 PhD and 10 MS committees. Courtesy Curator in Natural Sciences, Florida Museum of Natural History (1985 - Present); Doctoral Research Faculty, University of Florida (1991-Present).

SELECTED PUBLICATIONS

Books

Dodd, C.K., Jr. 2001. North American Box Turtles. A Natural History. Univ. Oklahoma Press, Norman.

Dodd, C.K., Jr. 2004. The Amphibians of Great Smoky Mountains National Park, Univ. Tennessee Press, Knoxville.

Research Publications - More than 160 publications including journal and popular articles, monographs, book chapters and reviews, symposium proceedings, and invited articles. Selected examples:

Dodd, C.K., Jr. 1992. Biological diversity of a temporary pond herpetofauna in north Florida sandhills. *Biodiversity and Conservation* 1:125-142.

Langtimm, C.A., **C.K. Dodd, Jr.**, and R. Franz. 1996. Estimates of abundance of box turtles (*Terrapene carolina bauri*) on a Florida island. *Herpetologica* 52(4):496-504.

Dodd, C.K., Jr. 1997. Clutch size and frequency in Florida box turtles (*Terrapene carolina bauri*): Implications for conservation. *Chelonian Conserv. & Biol.* 2(3):370-377.

Dodd, C.K., Jr. 1997. Population structure and the evolution of sexual size dimorphism and sex ratios in an insular population of Florida box turtles *Terrapene carolina bauri*. *Can. J. Zool.* 75:1495-1507.

- Dodd, C.K., Jr.** 1997 (1998). Imperiled amphibians: A historical perspective. Pp. 165- 200 In: G.W. Benz and D.E. Collins (eds.), Aquatic Fauna in Peril: The Southeastern Perspective Spec. Publ. No. 1, Southeast Aquatic Research Institute, Lenz Design and Communications, Decatur, GA.
- Dodd, C.K., Jr.** and B.A. Cade. 1998. Movement patterns and the conservation of amphibians breeding in small, temporary wetlands. *Conserv. Biol.* 12(2):331-339.
- Dodd, C.K., Jr.** 2003. Monitoring Amphibians in Great Smoky Mountains National Park. U.S. Geological Survey Circular No. 1258, 117 pp.
- Dodd, C.K., Jr.**, W.J. Barichivich and L.L. Smith. 2003. The effectiveness of a barrier wall and underpasses in reducing wildlife mortality on a heavily traveled highway in Florida. *Biol. Conserv.* 118:619-631.
- Seigel, R. and **C.K. Dodd, Jr.** 2000. Manipulation of turtle populations for conservation: Half-way technologies or viable options? Pp. 218-238 In: M. Klemens (ed.), *Turtle Conservation*, Smithsonian Inst. Press, Washington, D.C.
- Waldron, J.L., **C.K. Dodd, Jr.** and J.D. Corser. 2003. Leaf litterbags: factors affecting capture of stream-dwelling salamanders. *Applied Herpetol.* 1:23-36.
- Dodd, C.K., Jr.** and L.L. Smith. 2003. Habitat destruction and alteration. Historical trends and future prospects for amphibians. Pp. 94-112 in: R.D. Semlitsch (ed.), *Amphibian Conservation*. Smithsonian Inst. Press, Washington, D.C.
- Dodd, C.K., Jr.**, and R.M. Dorazio. 2004. Using counts to simultaneously estimate abundance and detection probabilities in a salamander community. *Herpetologica* 60: in press.