

## Education

**Ph.D. Ecology** – University of Georgia – Odum School of Ecology, Athens, GA. Dissertation title: Integrative approaches to exploring functional roles of clandestine species: a case study of aquatic snakes within isolated wetland ecosystems. Advisor: Dr. J. Whitfield Gibbons. May 2009.

**B.S. Biology**. Honors. Davidson College, Davidson, NC. Thesis title: The effects of habitat disturbance on stream salamanders: implications for buffer zones and watershed management. Thesis advisor: Dr. Michael E. Dorcas. May 2002.

## Research Interests

- Understanding the functional roles of herpetofauna (particularly snakes) in ecosystems, especially their roles as predators and prey.
- Snake population dynamics: causes and consequences.
- Conservation biology and the effects of anthropogenic habitat modification on herpetofauna.
- Development of field and analytical methods for effective monitoring of herpetofaunal population monitoring.

## Peer-Reviewed Publications – (\*) denotes student co-authors

**Willson, J. D.**, C. T. Winne, and B. T. Todd. *In review*. Ecological and Methodological Factors Affecting Detectability and Population Estimation in ‘Uncatchable’ Species. *Journal of Wildlife Management*.

**Willson, J. D.**, and M. E. Dorcas. *In review*. Herpetofaunal survey of Tortuguero, Costa Rica and its environs. *Herpetological Conservation and Biology*.

**Willson, J. D.**, and P. Rohani. *In review*. The role of ectothermy in vertebrate predator-prey dynamics: a theoretical investigation of snakes as predators in rodent predator-prey systems: *Proceedings of the Royal Society of London, B*.

**Willson, J.D.** and W. A. Hopkins. *In review*. Prey morphology constrains feeding ecology of an aquatic generalist predator: implications for wetland conservation. *Journal of Animal Ecology*.

- Willson, J. D.**, C. T. Winne, M. A. Pilgrim, C. S. Romanek, and J. W. Gibbons. *In press*. Effects of terrestrial resource pulses on trophic niche overlap between two sympatric aquatic snake species: a stable isotope approach. *Oikos*.
- Winne, C. T., **J. D. Willson**, and J. W. Gibbons. *In press*. Drought survival and reproduction impose contrasting selection pressures on maximum body size and sexual size dimorphism in a snake, *Seminatrix pygaea*. *Oecologia*.
- Eskew, E. A\*, **J. D. Willson**, and C. T. Winne. 2009. Ambush site selection and ontogenetic shifts in foraging strategy in a semi-aquatic pit viper, the Eastern Cottonmouth. *Journal of Zoology, London* 277:179-186.
- Willson, J. D.**, C. T. Winne, and M. B. Keck. 2008. Empirical tests of biased body size distributions in aquatic snake captures. *Copeia* 2008:401-408.
- Todd, B. D., **J. D. Willson**, C. T. Winne, R. D. Semlitsch, and J. W. Gibbons. 2008. Ecology of the Southeastern Crowned Snake, *Tantilla coronata*, in the Upper Coastal Plain. *Copeia* 2008:388-394.
- Todd, B. D., **J. D. Willson**, C. T. Winne, and J. W. Gibbons. 2008. Aspects of the ecology of the earth snakes (*Virginia valeriae* and *V. striatula*) in the Upper Coastal Plain of South Carolina. *Southeastern Naturalist* 7:349-358.
- Dorcas, M. E., **J. D. Willson**, and J. W. Gibbons. 2007. Population decline and demographic changes of a diamondback terrapin population over three decades. *Biological Conservation* 137:334-340.
- Todd, B. D., C. T. Winne, **J. D. Willson**, and J. W. Gibbons. 2007. Getting the drift: examining the effects of timing, trap type, and taxon on herpetofaunal drift fence surveys. *American Midland Naturalist* 158:292-305.
- Winne, C. T., **J. D. Willson**, B. D. Todd, K. M. Andrews, and J. W. Gibbons. 2007. Enigmatic decline of a protected population of eastern kingsnakes, *Lampropeltis getula*. *Copeia* 2007:507-519.
- Glaudas, X. A., K. M. Andrews, **J. D. Willson**, and J. W. Gibbons. 2007. Migration patterns in a population of cottonmouths (*Agkistrodon piscivorus*) inhabiting an isolated wetland. *Journal of Zoology, London* 271:119-124. **(Cover Photo)**
- Willson, J. D.**, C. T. Winne, M. E. Dorcas, and J. W. Gibbons. 2006. Post-drought responses of semi-aquatic snakes inhabiting an isolated wetland: Insights on different strategies for persistence in a dynamic habitat. *Wetlands* 26:1071-1078.

Winne, C. T., **J. D. Willson**, and J. W. Gibbons. 2006. Income breeding allows an aquatic snake (*Seminatrix pygaea*) to reproduce normally following prolonged drought-induced aestivation. *Journal of Animal Ecology* 75:1352-1360.

Price, S. J., M. E. Dorcas, A. L. Gallant, R. W. Klaver, and **J. D. Willson**. 2006. Three Decades of Urbanization: Estimating the Impact of Land Cover Change on Stream Salamander Populations. *Biological Conservation* 133:436-441.

Gibbons, J. W., C. T. Winne, D. E. Scott, **J. D. Willson**, et al. (4<sup>th</sup> of 28 authors). 2006. Remarkable amphibian biomass and abundance in an isolated wetland, with implications for wetland conservation. *Conservation Biology* 20:1457-1465.

Winne, C. T., **J. D. Willson**, K. M. Andrews, and R. N. Reed. 2006. Efficacy of marking snakes with disposable ophthalmic cautery units. *Herpetological Review* 37:52-54.

**Willson, J. D.**, C. T. Winne, and L. A. Fedewa. 2005. Unveiling escape and capture rates of aquatic snakes and salamanders (*Siren spp.* and *Amphiuma means*) in commercially available funnel traps. *Journal of Freshwater Ecology* 20:397-403.

Tuberville, T. D., **J. D. Willson**, M. E. Dorcas, and J. W. Gibbons. 2005. Herpetofaunal diversity of southeastern National Parks. *Southeastern Naturalist* 4:537-569. **(Cover Photo)**

**Willson, J. D.**, and M. E. Dorcas. 2004. Comparison of aquatic drift fences with traditional funnel trapping as a quantitative technique for sampling amphibians. *Herpetological Review* 35:148-150.

**Willson, J. D.**, and M. E. Dorcas. 2004. Aspects of the ecology of small fossorial snakes in the western Piedmont of North Carolina. *Southeastern Naturalist* 3:1-12.

**Willson, J. D.**, and M. E. Dorcas. 2003. The effects of habitat disturbance on stream dwelling salamander populations: implications for buffer zones and watershed management. *Conservation Biology* 17:763-771.

**Willson, J. D.**, and M. E. Dorcas. 2003. Quantitative sampling of stream salamanders: a comparison of dipnetting and funnel trapping techniques. *Herpetological Review* 34:128-130.

### **Book Contributions & Other Literature**

Todd, B. T., **J. D. Willson**, and J. W. Gibbons. *In press*. The global status of reptiles and causes of their decline. In: *Ecotoxicology of Reptiles and Amphibians*, 2 edition, D. W. Sparling, G. Linder, and C. A. Bishop (Eds.). SETAC Press, Pensacola, FL.

Akre, T. S. B., **J. D. Willson**, and T. P. Wilson. *In press*. Alternative methods for sampling aquatic habitats: turtles and squamates. In *Measuring and Monitoring Biological Diversity: Standard Methods for Reptiles*. University of California Press.

**Willson, J. D.**, and J. W. Gibbons. 2009. Drift fences, coverboards, and other traps. In: *Amphibian Ecology and Conservation: A Handbook of Techniques*, C. K. Dodd, Jr., (Ed.), pp. 229-245. Oxford University Press, Oxford, UK.

Dorcas, M. E., and **J. D. Willson**. 2009. Innovative methods for studies of snake ecology and conservation. In: *Snakes: Ecology and Conservation*, S. J. Mullin and R. A. Seigel (Eds.), pp. 5-37. Ithaca, NY: Cornell University Press. (cover photo)

**Willson, J. D.** *in press*. Automated recording devices. In Graeter, Gabrielle J., Kurt A. Buhlmann, Lucas R. Wilkinson, and J. Whitfield Gibbons (Eds.), *Inventory and Monitoring: Recommended Techniques for Amphibians and Reptiles*, Partners in Amphibian and Reptile Conservation Technical Publication Series, Aiken, SC.

**Willson, J. D.** *in press*. Aquatic and terrestrial funnel trapping. In Graeter, Gabrielle J., Kurt A. Buhlmann, Lucas R. Wilkinson, and J. Whitfield Gibbons (Eds.), *Inventory and Monitoring: Recommended Techniques for Amphibians and Reptiles*, Partners in Amphibian and Reptile Conservation Technical Publication Series, Aiken, SC.

**Willson, J. D.** 2008. Eastern Fence Lizard, *Sceloporus undulatus*. In J. Jensen, C. D. Camp, J. W. Gibbons, and M. Elliott, (eds.). *The Amphibians and Reptiles of Georgia*. University of Georgia Press. Athens, GA.

**Willson, J. D.** and K. M. Andrews. 2008. Copperhead, *Agkistrodon contortrix*. In J. Jensen, C. D. Camp, J. W. Gibbons, and M. Elliott, (eds.). *The Amphibians and Reptiles of Georgia*. University of Georgia Press. Athens, GA.

**Willson, J. D.** and J. W. Gibbons. 2008. Plain-bellied watersnake, *Nerodia erythrogaster*. In J. Jensen, C. D. Camp, J. W. Gibbons, and M. Elliott, (eds.). *The Amphibians and Reptiles of Georgia*. University of Georgia Press. Athens, GA.

Dorcas, M. E. and **J. D. Willson**. 2008. Queen Snake, *Regina septemvittata*. In J. Jensen, C. D. Camp, J. W. Gibbons, and M. Elliott, (eds.). *The Amphibians and Reptiles of Georgia*. University of Georgia Press. Athens, GA.

## Natural History Notes

Luhring, T M., **J. D. Willson**, and C. T. Winne. *In press*. *Nerodia fasciata fasciata* (Banded Watersnake). Inter-wetland Movement. Herpetological Review.

## Manuscripts in Preparation

Winne, C. T., J.D. Willson, M. A. Pilgrim, C. S. Romanek, and J. W. Gibbons. Income breeding in a snake, *Seminatrix pygaea*: evidence from maternal transfer of stable isotopes. Proposed journal: *Journal of Experimental Biology*.

Durso, A. M.,\* J. D. Willson, C. T. Winne, and J. W. Gibbons. Needle in a haystack: estimating detection probability of aquatic snakes in the Southeastern United States. Proposed journal: *Biological Conservation*.

## Platform Presentations

2009. J. D. Willson, P. Rohani, & J.W. Gibbons: “The role of ectothermy in vertebrate predator-prey dynamics: does increasing metabolic efficiency alter the stability of predator-prey interactions?”

- 5<sup>th</sup> meeting of the Snake Ecology Group, Donnelley, Idaho.

2009. J. D. Willson, C. T. Winne, and B. D. Todd: “Trap-happiness, temporary emigration, and other factors affecting detectability in two aquatic snake species.” **\*Award Winner**

- Joint Meeting of Ichthyologists and Herpetologists, Portland, Oregon.

2008. J. D. Willson, W. A. Hopkins, & J. W. Gibbons: “Effects of prey type on prey handling, digestive metabolism, and post-prandial locomotor performance in the banded watersnake, *Nerodia fasciata*.”

- Joint Meeting of Ichthyologists and Herpetologists, Montreal, Quebec.

2007. J. D. Willson, C. T. Winne, M. A. Pilgrim, C. S. Romanek, & J. W. Gibbons: “Effects of terrestrial resource pulses on trophic niche overlap between two sympatric aquatic snake species: a stable isotope approach.” **\*Winner of two awards.**

- Association of Southeastern Biologists, Columbia, SC.
- Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.
- Ecological Society of America, San Jose, CA.

2007. M.E. Dorcas, J.D. Willson, & J.W. Gibbons.: “Crab Trapping Causes Population Decline and Demographic Changes in Diamondback Terrapins over Two Decades.”

- Association of Southeastern Biologists, Columbia, SC.

2007. M.A. Pilgrim, C.T. Winne, J.D. Wilson , C.A. Romanek & J.W. Gibbons: “Expression of maternal isotopes in offspring: implications for interpreting ontogenetic shifts in isotopic composition of consumer tissues.”

- Association of Southeastern Biologists, Columbia, SC.

2007. C.T. Winne, **J.D. Wilson**, M.A. Pilgrim, C.A. Romanek & J.W. Gibbons: “Experimental evidence for income breeding in an aquatic snake, *Seminatrix pygaea*, from maternal transfer of stable isotopes”

- Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.
- Ecological Society of America, San Jose, CA.

2007. C.T. Winne, **J.D. Wilson** & J.W. Gibbons: “Rapid recovery of an aquatic snake community following prolonged drought.” Association of Southeastern Biologists, Columbia, SC.

2006. **J. D. Willson** & C. T. Winne: “Evaluation of trap response in two aquatic snake species using mark recapture and an experimental release study.” **\*Winner of two awards.**

- Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.
- 3<sup>rd</sup> Annual SREL Graduate Student Symposium, Aiken, SC.

2006. C.T. Winne, **J.D. Wilson** & J.W. Gibbons: “Rapid recovery of an aquatic snake community following prolonged drought.”

- Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.
- 3<sup>rd</sup> Annual SREL Graduate Student Symposium, Aiken, SC.

2005. S. J. Price, M. E. Dorcas, A. L. Gallant, R. W. Klaver & **J. D. Willson**: Three decades of urbanization: Estimating the impact of landscape change on stream salamander populations.”

- Joint Meeting of Ichthyologists and Herpetologists, Tampa, FL.
- Association of Southeastern Biologists, Florence, AL.

2005. **J. D. Willson**, C. T. Winne, M. E. Dorcas, & J. W. Gibbons: “Post-drought responses of semi-aquatic snakes inhabiting an isolated wetland: Insights on different strategies for persistence in a dynamic habitat.”

- Joint Meeting of Ichthyologists and Herpetologists, Tampa, FL.
- 2<sup>nd</sup> Annual SREL Graduate Student Symposium, Aiken, SC.
- Association of Southeastern Biologists, Florence, AL.
- 28<sup>th</sup> Annual Graduate Student Symposium, Institute of Ecology, University of Georgia, Athens, GA.

2005. **J. D. Willson**, M. E. Dorcas, & J. W. Gibbons: “Population Decline and Demographic changes of a diamondback terrapin population over three decades: causes and potential solutions.” Southeastern Ecology and Evolution Conference, Athens, GA.

2004. J. W. Gibbons, M. E. Dorcas, **J. D. Willson** & J. L. Greene: “Lessons from Two Decades of Tracking Terrapins in Tidal Creeks: Kiawah Island, South Carolina.” 3<sup>rd</sup> Workshop on the Ecology, Status, and Conservation of Diamondback Terrapins. Jacksonville, FL.

**2004. J. D. Willson**, T. D. Tuberville, M. E. Dorcas & J. W. Gibbons. “How much is enough: Evaluating herpetological Inventories in the Southeast using island biogeography.” 1<sup>st</sup> Annual SREL Graduate Student Symposium, Aiken, SC.

**2004. J. W. Gibbons, J. D. Willson**, T. D. Tuberville & M. E. Dorcas. “Evaluating Amphibian and Reptile Diversity: Herpetological Inventories of the Southeast Coastal Network National Parks.” Joint Meeting of Ichthyologists and Herpetologists, Manaus, Brazil.

**2003. J. D. Willson** & M. E. Dorcas: “Aspects of the ecology of small fossorial snakes in the western Piedmont of North Carolina.” Association of Southeastern Biologists, Washington D.C.

**2002. J. D. Willson** & M. E. Dorcas: “The effects of habitat disturbance on stream salamanders: implications for buffer zones and watershed management.” Association of Southeastern Biologists, Boone, NC. **\*Award Winner**

### **Poster Presentations**

**2004. J. D. Willson**, C. T. Winne & M. E. Dorcas: “Post-Drought Movement Patterns and Demography of Semi-Aquatic Snakes Inhabiting an Isolated Wetland: Different Strategies for Survival in a Dynamic Habitat.” Snake Ecology Group IV Conference, Carbondale, IL.

**2002. J. D. Willson** & M. E. Dorcas: “The effects of habitat disturbance on stream salamanders: implications for buffer zones and watershed management.” Joint Meeting of Ichthyologists and Herpetologists, Kansas City, MO.

**2002. J. D. Willson**, D. Stroupe, K. Grayson, L. Halpin & M. E. Dorcas: “Long term assessment of box turtle (*Terrapene carolina*) populations in Davidson, North Carolina.” Association of Southeastern Biologists, Boone, NC.

### **Other Presentations**

**2009. J. D. Willson**: “Long-term snake population and community dynamics within an isolated wetland ecosystem: the roles of environmental variation and prey availability”. Invited Seminar for the University of Georgia Herpetological Society, Athens, GA.

**2009. J. D. Willson**: “Exploring functional roles of secretive species: a case study of aquatic snakes within isolated wetland ecosystems.” Invited Seminar at University of Georgia, Athens, GA.

**2009. J. D. Willson**: “Exploring functional roles of secretive species: a case study of aquatic snakes within isolated wetland ecosystems.” Invited Seminar at Davidson College, Davidson, NC.

**2008. J. D. Willson:** “Effects of prey type on prey handling, digestive metabolism, and post-prandial locomotor performance in the banded watersnake, *Nerodia fasciata*.” Invited Seminar at Davidson College, Davidson, NC.

**2008. J. D. Willson:** “Exploring the role of clandestine species within ecosystems: a case study of aquatic snakes within an isolated wetland in South Carolina.” Invited Seminar at the University of South Carolina, Upstate, Spartanburg, SC.

**2006. J. D. Willson:** “Challenges and rewards of long-term snake population monitoring: a case study from an isolated Carolina bay wetland.” Invited Seminar at Davidson College, Davidson, NC.

**2004. J. D. Willson, T. D. Tuberville, M. E. Dorcas & J. W. Gibbons:** “How much is enough: Evaluating herpetological Inventories in the Southeast using island biogeography.” Invited Seminar at Davidson College, Davidson, NC.

**2004. J. W. Gibbons & J. D. Willson:** "Conserving Hidden Biodiversity: Reptiles and Amphibians of Georgia" University of Georgia Student Biology Society, Athens, GA.

**2003. J. D. Willson & M. E. Dorcas:** “The effects of habitat disturbance on stream salamanders: implications for buffer zones and watershed management.” Invited Seminar at Davidson College, Davidson, NC.

**2002. J. D. Willson & M. E. Dorcas:** “The effects of habitat disturbance on stream salamanders: implications for buffer zones and watershed management.” Annual Meeting of the North Carolina Herpetological Society, Davidson, NC.

## **Grants Awarded**

**2003 - 2007. National Science Foundation - Graduate Research Fellowship.**

**2007. Potomac Conservancy.** “Inventory of Salamanders of Passage Creek, Virginia” – J. D. Willson and S. E. DuRant - \$1533

**2006. The Society for Integrative and Comparative Biology – Grant-in-Aid of Research.** “Effects of snake predation on the expression of alternative life history strategies: does snake density influence propensity to metamorphose in the salamander *Ambystoma talpoideum*?” - \$1000

**2002. Associated Colleges of the South.** “Initiation of a Community-Based Conservation Effort: The Effects of Urbanization on Box Turtles” - \$2980

**2001. Robert Stone Environmental Fund** - “Habitat enhancement and community education about the Davidson College Ecological Preserve” - D. Stroup, J. D. Willson, and K. Grayson. - \$1550

**2001. Davidson College Biology Dept** - “The effect of pollution and runoff on populations of stream-dwelling salamanders (*Desmognathus* and *Eurycea*) in the Piedmont region of North Carolina” - \$275

## **Honors and Awards**

**2007. SSAR Siebert Award - Ecology.** Awarded by the Society for the Study of Amphibians and Reptiles to attend the Joint Meeting of Ichthyologists and Herpetologists, Portland, OR.

**2007. Student Travel Award.** Awarded by the Society for the Study of Amphibians and Reptiles to attend the Joint Meeting of Ichthyologists and Herpetologists, St. Louis, MO.

**2007. Student Research Award.** Association of Southeastern Biologists, Columbia, SC.

**2007. Best Student Paper in Aquatic Biology.** Association of Southeastern Biologists, Columbia, SC.

**2006. Outstanding Student Paper in Herpetology.** Awarded by the American Society of Ichthyologists and Herpetologists, Southeastern Division at the Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.

**2006. Platform Presentation 2<sup>nd</sup> place.** 3<sup>rd</sup> Annual Savannah River Ecology Laboratory Annual Graduate Research Symposium. Aiken, SC.

**2005. Platform Presentation Honorable Mention.** 2<sup>nd</sup> Annual Savannah River Ecology Laboratory Annual Graduate Research Symposium. Aiken, SC.

**2005. Student Travel Award.** Awarded by the Society of Wetland Scientists to attend the Association of Southeastern Biologists Meeting, Florence, AL.

**2005. Graduate Student Travel Award.** Awarded by the University of Georgia 's Institute of Ecology to attend the Joint Meeting of Ichthyologists and Herpetologists in Tampa, FL.

**2002. Tom Daggy Biology Award** for outstanding academic achievement, leadership, service, and a love of exploring the secrets of life. Davidson College, Davidson, NC.

**2002. Best Student Paper in Aquatic Biology.** Association of Southeastern Biologists, Boone, NC.

**1998 – 2002. Belmont (MA) Garden Club Scholarship.** (\$1000/yr - for undergraduate education).

## **Professional Experience**

**Post-doctoral Research Associate.** May 2009-present  
Savannah River Ecology Laboratory.

Supervisor: Dr. J. Whitfield Gibbons.

**Section Editor – Natural History Notes.** June 2009-present  
Herpetological Review

**Information Manager.** May 2008-present  
Partners in Amphibian and Reptile Conservation (PARC)  
Manage digital operations including website and electronic list-serve.

**Science Consultant.** May 2008-present  
USGS North American Reporting Center for Amphibian Malformations (NARCAM)  
Review and approve all malformation reports as well as coordinate with USGS NBII program to enhance effectiveness and functionality of NARCAM site.

**Visiting Student.** Spring 2007.  
Virginia Tech – Wildlife Ecotoxicology and Physiological Ecology Program.  
Project: Effects of prey type on digestive metabolism in the banded watersnake, *Nerodia fasciata*.  
Supervisor: Dr. William Hopkins.

**Ecology Teaching Assistant.** August 2003 – May 2004.  
University of Georgia, Institute of Ecology.

**Research Technician III.** May 2002 – July 2003.  
Savannah River Ecology Laboratory.  
Project: Herpetological Inventories of the Southeast Coastal Network National Parks.  
Supervisor: Dr. J. Whitfield Gibbons.

**Environmental Intern.** 2001 – 2002.  
Associated Colleges of the South.

**Summer Intern.** July – August 2001.  
School for Field Studies, Center for Coastal Studies, San Carlos, B.C.S. Mexico.

**Research Technician.** Summer 2000.  
Harvard Medical School – Center for Blood Research.  
Project: Characterization of novel proteins in RAS signaling pathways.  
Supervisor: Dr. Fred Alt and Dr. Worjciech Swat.

## **Teaching Experience**

**General Ecology Laboratory Instructor.** Spring 2004. University of Georgia, Institute of Ecology.

**General Ecology Laboratory Instructor.** Fall 2003. University of Georgia, Institute of Ecology.

### **Students Mentored**

**Evan A. Eskew. 2006.** High School Senior Thesis. Governor's School of Science and Mathematics, South Carolina. Project title: Ambush site microhabitat selection by Cottonmouths, *Agkistrodon piscivorus*.

**Andrew M. Durso. 2006.** SREL National Science Foundation Research Experience for Undergraduates (REU) participant. University of Georgia, Athens, GA. Project title: Needle in a haystack: estimating detection probability of aquatic snakes in the Southeastern United States.

### **Professional Affiliations**

Ecological Society of America (ESA)

Society for Integrative and Comparative Biology (SICB)

The Wildlife Society (TWS)

Society for the Study of Amphibians and Reptiles (SSAR)

Herpetologists' League (HL)

American Society of Ichthyologists and Herpetologists (ASIH)

Association of Southeastern Biologists (ASB)

Partners in Amphibian and Reptile Conservation (PARC)

### **Reviewer**

Animal Biodiversity and Conservation

Journal of Herpetology

The Natural Areas Journal

Canadian Journal of Zoology

Hydrobiologia

Copeia

Herpetological Review

Herpetologica

Journal of Arid Environments

Southeastern Naturalist

Northeastern Naturalist

National Parks Service

Journal of Wildlife Management

Florida Scientist

African Journal of Ecology

Herpetological Conservation and Biology

### **Photography Featured In:**

BioScience

- Journal of Zoology, London (cover photo)
- Southeastern Naturalist (2 cover photos)
- Herpetological Conservation and Biology (cover photo)
- PLoS Biology
- Reptiles Magazine
- Charleston Magazine
- National Wildlife Magazine
- Alabama Wildlife Magazine
- North Carolina ALIVE Magazine
- Wildlife in North Carolina Magazine
- S. J. Mullin and R. A. Seigel (Eds.). Snakes: Ecology and Conservation, Columbia University Press, New York. (cover photo)
- J. Jensen, C. D. Camp, J. W. Gibbons, and M. Elliott, editors. 2008. The Amphibians and Reptiles of Georgia. University of Georgia Press.
- Dorcas, M. E., S. J. Price, J. C. Beane, and S. S. Cross. 2007. The Frogs and Toads of North Carolina. North Carolina Wildlife Resources Commission, Raleigh, NC.
- Dorcas, M. E. 2004. A Guide to the Snakes of North Carolina. Belk Printing Technologies, Charlotte, NC.
- Gibbons, J. W. and M. E. Dorcas. 2005. Snakes of the Southeast. University of Georgia Press, Athens, GA.
- Dorcas, M. E. and J. W. Gibbons. 2008. Frogs and Toads of the Southeast. University of Georgia Press, Athens, GA.
- K. Buhlmann, T. Tuberville, and J. W. Gibbons. 2008. Turtles of the Southeast. University of Georgia Press, Athens, GA. (Including cover photo).
- Gibbons, J. W., J. L. Greene, and T. M. Mills. 2009. Lizards and Crocodilians of the Southeast. University of Georgia Press, Athens, GA.
- Gibbons, J. W. and J. L. Greene. In press. The turtle answer book. Johns Hopkins University Press. (cover photo)
- Deal, K. *in press*. Wildlife and Natural Resource Management, 3<sup>rd</sup> Ed. Cengage Learning, Delmar, Clifton Park, NY.
- Losos, J. B. 2009. Lizards in an Evolutionary Tree: Ecology and Adaptive Radiation of Anoles. University of California Press, Berkely, CA.
- Dodd, C. K., Jr. 2009. Amphibian Ecology and Conservation: A Handbook of Techniques. Oxford University Press, Oxford, UK.