

JAMES B. JOHNSON

Doctoral Candidate
Texas A&M University
Department of Biology

EDUCATION

B.S. Biology, minor in Chemistry, Spring 2002. Stephen F. Austin State University, Nacogdoches, Texas.

M.S. Biology, Fall 2004. Stephen F. Austin State University, Nacogdoches, Texas.

Ph.D. Zoology, *in progress*. Texas A&M University, College Station, Texas.

WORK EXPERIENCE

4/01/01 to 8/01/04 Student Biological Technician, Southern Research Station, U.S. Forest Service, Nacogdoches, Texas. Duties: Assisted with research focusing on endangered species ecology, including the red-cockaded woodpecker (*Picoides borealis*) and the Louisiana pine snake (*Pituophis ruthveni*) as well as anuran larval (tadpole) ecology.

8/01/02 to 8/01/03 Museum of Herpetology Assistant Curator, Stephen F. Austin State University. Duties: Preservation, organization and data entry of all specimens currently in or added to the SFA herpetology collection.

1/01/03 to 8/01/04 Teaching Assistant, Stephen F. Austin State University, Dept. of Biology. Duties: Instruct undergraduate labs (human biology, comparative vertebrate zoology; herpetology).

8/01/04 to 1/01/07 Research Assistant, Texas A&M University, Dept. of Wildlife and Fisheries Science. P.I. Dr. T. J. DeWitt.

1/01/07 to current Teaching Assistant, Texas A&M University, Dept. of Biology. Duties: Instruct undergraduate labs (Biol 112) and Ecology (Biol 357).

PUBLICATIONS

Johnson J. B., D. Saenz, D. B. Burt, and R. N. Conner 2002. An Automated Technique for Monitoring Nocturnal Avian Vocalizations. *Bulletin of the Texas Ornithological Society* 35(2): 8-13.

Saenz D., **J. B. Johnson**, C. K. Adams, and G. H. Dayton 2003. Accelerated hatching response of *Rana Sphenocephala* eggs to the presence of a crayfish predator. *Copeia* 3:646-649.

Johnson J. B., D. Saenz, C. K. Adams, and R. N. Conner 2003. The influence of predator threat on the timing of a life history switch point: predator-induced hatching in the southern leopard frog (*Rana sphenocephala*). *Canadian Journal of Zoology* 81:1608-1613.

Johnson J. B., L. D. McBrayer and D. Saenz. 2005. Allometry, sexual size dimorphism and niche partitioning in the Mediterranean gecko (*Hemidactylus turcicus*). *The Southwestern Naturalist* 50:435-439.

Johnson, J. B., D. B. Burt, and T. J. DeWitt 2008. Morphology, performance and fitness-Pathways to survival. *Evolution* 62:1243-1251.

COUNTY RECORDS

Saenz, D., C. K. Adams, and **J. B. Johnson**. 2002. *Ambystoma talpoideum*, Houston County, TX. *Herpetological Review* 33(2): 143.

PRESENTATIONS AT SCIENTIFIC MEETINGS

2001 An Automated Technique for Monitoring Nocturnal Avian Vocalizations. Annual Meeting of the Wilson Ornithological Society, Fayetteville, Arkansas. J.

B. Johnson, D. Saenz, D. B. Burt, and R. N. Conner. (Presented by Johnson).

2001 A New Technique For Monitoring Nocturnal Avian Vocalizations. Annual Meeting of the American Ornithologist Union, Seattle, Washington. J. B.

Johnson, D. Saenz, D. B. Burt, and R. N. Conner. (Presented by Johnson).

2002 Accelerated Hatching in *Rana sphenocephala*: the Relationship Between Predator Threat and Prey Response. The 6th Annual Department of Wildlife and Fisheries Student Symposium Texas A+M, College Station, Texas. J. B. Johnson, D. Saenz, C. K. Adams, and R. N. Conner. (Presented by Johnson).

Winner: Best Presentation Given by an Undergraduate.

- 2002 Variable hatching response in *Rana sphenoccephala* eggs: Does increased predation risk accelerate hatching rate? The Joint Meeting of American Ichthyologist and Herpetologists, Kansas City, Missouri. J. B. Johnson, D. Saenz, C. K. Adams, and R. N. Conner. (Presented by Johnson).
- 2003 A tale of a tadpole's tail: Selection and functional morphology of *Hyla cinerea* larvae. The Big Thicket Conference, Beaumont, Texas. J. B. Johnson.
- 2005 Selection on morphology and performance in a larval anuran. Annual meeting of the Southwestern Association of Naturalists, Huntsville, Texas A&M University. J. B. Johnson. **Winner: Wilks Award (best student presentation).**
- 2005 Selection on morphology and performance in a larval anuran: An evaluation of morphology performance and fitness paradigm. Student Research Symposium, Texas A&M University, College Station, Texas. J.B. Johnson. **Winner: 1st Place for best presentation.**