

**BRUCE A. KINGSBURY**

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Concise Vita January 2008

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**Education:**

1992 Betz Postdoctoral Fellow: with Dr. James R. Spotila, Drexel University, Philadelphia, PA  
1991 Ph.D., Biology: with Dr. Vaughan H. Shoemaker, University of California, Riverside, CA  
1987 M.S., Biology: with C. O'Neil Krekorian, San Diego State University, San Diego, CA  
1981 B.A., Biology: Pomona College, Claremont, CA

**Synopsis of Research/Service Activities:**

I have combined my expertise in reptile ecology with an interest in the environment to develop a well-funded program that focuses on the conservation of endangered reptiles. I am one of the leaders in this field in the Midwest, and my research group is involved in numerous empirical and applied studies throughout the region. At the "Herp Center," we are developing and providing a variety of conservation materials in hard copy and for the Internet, and also assist with computer and GIS-related projects.

**Selected Recent Publications:**

**Kingsbury, B. A.** and O. Attum. *Accepted with revision*. Conservation Strategies: Captive breeding, translocation, and repatriation. In: Snakes: Ecology and Conservation. (Eds.) S. Mullin and R. Seigel. To be published by Cornell University Press in 2008.

Jenkins, C., C. R., Peterson and **B. A. Kingsbury**. *Accepted with revision*. Modeling Snake Distribution and Habitat. In: Snakes: Ecology and Conservation. (Eds.) S. Mullin and R. Seigel. To be published by Cornell University Press in 2008.

Habitats and Communities of Indiana: Pre-settlement to Present. *Accepted with revision*. John O. Whitaker, Jr., George R. Parker, Charles J. Amlaner, and Susan M. Berta, eds. Indiana University Press, Bloomington, Indiana. I am the herpetologist on the development team.

Cooper, W. E., O. Attum, and **B. Kingsbury**. *In press*. Escape behaviors and flight initiation distance in the common water snake *Nerodia sipedon*. Journal of Herpetology.

**Kingsbury, B. A.** and O. Attum. *In press*. Conservation Strategies: Captive breeding, translocation, and repatriation. In: Snakes: Ecology and Conservation. S. Mullen and R. Seigel, eds. To be published by Cornell University Press.

Attum, O., B. Rabea, S. Osman, S. Habinan, S. Baha El Din, **B. Kingsbury**. *In press*. Conserving and tracking tortoises: A local community or telemetry approach? Biological Conservation.

Attum, O., M. Esawy, W. Farag, A. Gad, S. Baha El Din, **B. Kingsbury**. *In press*. Returning them back to the wild: Movement patterns of repatriated Egyptian tortoises. Zoology in the Middle East.

Gibson, S. E., Z. J. Walker, and **B. A. Kingsbury**. *In press*. Microhabitat preferences of the Timber Rattlesnake (*Crotalus horridus*) in the Hardwood Forests of Southern Indiana.

*In: Biology of the Rattlesnakes*, K. R. Beaman, S. P. Bush, M. D. Cardwell, and W. K. Hayes, eds.

- Kingsbury, B. A.** and C. A. Tansy. 2007 (Draft). Copperbelly Water Snake (*Nerodia erythrogaster neglecta*) Recovery Plan. US Fish and Wildlife Service. 58 pp. + appendices.
- Attum, O., S. Baha El Din, S. Carranza, R. Earley, E.N. Arnold, and **B. Kingsbury**. 2007. An evaluation of the taxonomic validity of *Testudo wernerii*. *Amphibia-Reptilia* 28: 393-401.
- Attum, O., Y. M. Lee, J. H. Roe and **B. A. Kingsbury**. 2007. Upland–wetland linkages: relationship of upland and wetland characteristics with watersnake abundance. *Journal of Zoology* 271: 134–139.
- Williams, R. N., B. MacGowan, **B. A. Kingsbury**, and Z. J. Walker. 2006. "Salamanders of Indiana." Purdue University Extension and the Indiana Department of Natural Resources.
- Roe, J. H., J. K. Gibson, and **B. A. Kingsbury**. 2006. Beyond the wetland border: estimating the impact of roads for two species of watersnakes. *Biological Conservation* 130: 161-168.
- Marshall, J. C., Jr., J. M. Manning, and **B. A. Kingsbury**. 2006. Movement and macrohabitat selection of the Eastern Massasauga in a fen habitat. *Herpetologica* 62: 141-150.
- MacGowan, B., **B. A. Kingsbury**, and R. N. Williams. 2005. "Turtles of Indiana" Purdue University Extension and the Indiana Department of Natural Resources. 63 pp.
- Roe, J. H., **B. A. Kingsbury**, and M. A. Myers. 2005. *Nerodia erythrogaster neglecta* (Copper-bellied Watersnake) foraging behavior. *Herpetological Review* 36: 70.
- MacGowan, B. and **B. A. Kingsbury**. 2004. "Snakes of the Midwest." An interactive CD published by Purdue University Extension and the Center for Reptile and Amphibian Conservation and Management.
- Roe, J. H., **B. A. Kingsbury**, N. R. Herbert. 2004. Comparative water snake ecology: conservation of mobile animals that use temporally dynamic resources. *Biological Conservation* 118: 79-89.
- Gibson, J. K. and **B. A. Kingsbury**. 2004. Conservation Assessment for Kirtland's Snake (*Clonophis kirtlandii*). USDA Forest Service. 29 pp. Released in 2005.
- Roe, J. H., **B. A. Kingsbury**, N. R. Herbert. 2003. Wetland and upland use patterns in the semi-aquatic snakes: implications for wetland conservation. *Wetlands* 23(4): 1003-1014.
- Laurent, E. J., and **B. A. Kingsbury**. 2003. Habitat separation between three species of water snake in northwestern Kentucky, including the endangered copperbelly water snake. *Journal of Herpetology* 37 (2): 229-235.
- Kingsbury, B. A.**, J. Gibson, and contributors. 2002. "Habitat Management Guidelines for Amphibians and Reptiles of the Midwest." A PARC Publication. 57 pp.

### **Presentations:**

My students and I have presented more than fifty times over the last five years at national and regional meetings. Topics included:

- ecological requirements of copperbelly water snakes, eastern massasaugas, timber rattlesnakes, Blanding's and spotted turtles;
- conservation of reptiles and other nongame species on public and private lands; and conservation issues in Indiana and the Midwest.

We also provide a variety of presentations to nonprofessional groups and schools as part of our outreach efforts.