

## SUMMARY CURRICULUM VITAE

### Jonathan M. Stober Conservation Biologist



Mr. Stober's interests range from endangered species restoration, long term ecological monitoring of natural resources, and land management of southeastern landscapes. In cooperation with the GA DNR Jonathan has managed the most successful restoration of a Red-cockaded Woodpecker population to date with a highest rate of increase with the least number of translocated birds. Since arriving at Ichauway Jonathan has established a comprehensive long-term monitoring program for the 11,500 ha Ichauway land base. Including but not limited too: site wide forest inventory, white-tailed deer management, all species of concern and game species, data management, land management summary, analysis of monitoring

data sets, GIS management and invasive plant and animal removal. Lately projects have included developing methods using Distance sampling to monitor Gopher tortoise populations, examining methods to restore Southeastern American Kestrels, and developing techniques to genetically sample nestling woodpeckers. Recently Jonathan also participated as an Enviropreneur camp fellow with Property and Environment Research Center examining how markets, property rights and contracts can address environmental problems.

#### Education:

MS Forest Resources: Wildlife Ecology and Management, Warnell School of Forest Resources, University of Georgia, Athens, Georgia. 1996.

BS Biology, University of Georgia, Athens, Georgia. 1992.

Berry College, Rome, Georgia. 1987-89

### Professional Experience:

1999-present: Conservation Biologist, J.W. Jones Ecological Research Center at Ichauway

1998-1999: Wildlife Biologist, Georgia Department of Natural Resources, Wildlife Resources Division, Game Management Section, Private land Initiative, South Georgia Region.

1996-1998: Farmer, H&S Farm, Carrollton, Georgia

1994-1996: Graduate Research Assistant and Teaching Assistant, Warnell School of Forest Resources, University of Georgia, Athens, Georgia

### Professional Affiliations:

The Wildlife Society

Longleaf Alliance

Property and Environment Research Center (PERC)

Swamp Gravy cast (2005-2010)

Colquitt Miller Arts Council Board of Directors (2008-2010)

Leadership Miller County 2006 – Fanning Institute of Government University of Georgia

### Recent Research Publications:

Stober, J. M., and L. L. Smith. (in press). Estimating abundance of small gopher tortoise populations: total counts versus line transect distance sampling. *Journal of Wildlife Management*.

Alstad, T.I., B. M. Shamblin, R. J. Warren, J. M. Stober, L. M. Conner, R. J. Cooper, and C. J. Nairn. 2009. Novel tetranucleotide and pentanucleotide microsatellite loci in the red-cockaded woodpecker (*Picoides borealis*). *Conservation Genetics Resources* 1:213-215.

Smith, L. L., J. M. Linehan, J. M. Stober, M. J. Elliott, and J. B. Jensen. 2009. An evaluation of distance sampling for large-scale gopher tortoise surveys in Georgia, USA. *Applied Herpetology* 6:355-368.

Stober, J. M., and L. M. Conner. 2007. [Scent deterrence to reduce southern flying squirrel kleptoparasitism of red-cockaded woodpecker cavities.](#) *Human-Wildlife Conflicts* 1:45-48.

- Smith, L. L., D. A. Steen, J. M. Stober, M. C. Freeman, S. W. Golladay, L. M. Conner, and J. C. Cochran. 2006. [The vertebrate fauna of Ichauway, Baker County, GA.](#) Southeastern Naturalist 5:599-620.
- Stober, J. M., and D. G. Krementz. 2006. [Variation in Bachman's Sparrow home range-size at the Savannah River Site, South Carolina.](#) The Wilson Journal of Ornithology 118:138-144.
- Stober, J., and B. Bass. 2005. [Quality whitetail deer management in the longleaf pine woodlands of Ichauway.](#) Page 128 in J. S. Kush (ed.). Longleaf Pine: Making Dollars and Sense; Hattiesburg, Mississippi, October 12-15, 2004. Proceedings of the Fifth Longleaf Alliance Regional Conference, Longleaf Alliance Report no. 8. The Longleaf Alliance, Solon Dixon Forestry Center, Andalusia, Alabama.
- Stober, J. M. S. B. Jack, and B. D. Yahn. 2003. [Vegetation inventory and monitoring for adaptive management at Ichauway.](#) Page 150 in J. S. Kush (ed.). Longleaf Pine: A Southern Legacy Rising from the Ashes; Southern Pines, North Carolina, November 17-20, 2002. Proceedings of the Fourth Longleaf Alliance Regional Conference, Longleaf Alliance Report No. 6. The Longleaf Alliance, Solon Dixon Forestry Center, Andalusia, Alabama.
- Jack, S. B., C. G. Parks, J. M. Stober, and R. T. Engstrom. 2003. [Inoculating red heart fungus \(\*Phellinus pini\*\) to create nesting habitat for the red-cockaded woodpecker.](#) Pp 447-452 in R. Costa and S.J. Daniels, eds. Red-cockaded woodpecker: road to recovery. Hancock House Publishers, Blaine, WA.
- Stober, J. M., and S. B. Jack. 2003. [Down for the Count: Red-cockaded Woodpecker restoration on Ichauway.](#) Pp 347-354 in R. Costa and S.J. Daniels, eds. Red-cockaded woodpecker: road to recovery. Hancock House Publishers, Blaine, WA.
- Stober, J. M., and D. G. Krementz. 2000. [Survival and reproductive biology of the Bachman's sparrow.](#) Proceedings of the Southeastern Association of Fish and Wildlife Agencies 54:383-390.

#### Outreach Publications and Reports:

- Smith, L. L., J. M. Stober, and J. M. Linehan. 2008. Gopher Tortoise Survey, Population Evaluation, and Habitat Suitability Final Report. Submitted to Georgia DNR Natural Heritage Program, Social Circle, Georgia.

Stober, J. M. 2010. [White-tailed deer management summary 1993-2009](#).  
Conservation Program: J.W. Jones Ecological Research Center Whitepaper.

Stober, J. M. 2010. [Evaluation of the Prescribed fire Management Program at Ichauway 1994-2009](#). Conservation Program: J.W. Jones Ecological Research Center Whitepaper.

Stober, J. M. 1996. Territory dynamics and basic biology of the Bachman's Sparrow (*Aimophila aestivalis*) at the Savannah River Site, South Carolina. M.S. thesis University of Georgia. Athens, GA.

#### Grants and Contracts:

Stober, J. M. Red-cockaded Woodpecker Restoration on Ichauway 1999-present.  
Over \$200,000+ towards RCW land management activities

Smith, L. L., and J. M. Stober. Gopher tortoise population monitoring handbook.  
SERDP, 2007. \$25,000 Co- PI.

Stober, J. M. Georgia Ornithological Society Bill Terrell Avian Conservation Grant.  
2009. \$14,000 RCW translocation and restoration.