

Acknowledgements

We thank Amber Albores and Rhonda Rothrock for their assistance in searching for Swainson's Warblers. Karen Mangan and the Cypress Creek National Wildlife Refuge provided substantial logistical support and access to infrared aerial photographs. Funding for this research was provided by a Challenge Cost-Share Grant from the United States Fish and Wildlife Service, a State Wildlife Grant from the Illinois Department of Natural Resources, Illinois Ornithological Society and the Southern Illinois Audubon Society.

Author's Note

Territorial male Swainson's Warblers returned to respective territories in both Johnson and Jackson counties during 2010. However, no nesting activity was observed in either location.

Specific Swainson's Warbler observation locations were intentionally omitted from this article in an attempt to help protect the probable nesting pair and possible future populations. Birders attempting to search for this species are asked to exercise discretion when using playback to locate this species in Illinois. The "Code of Birding Ethics" (American Birding Association) cautions birders to avoid advertising, using playback and, stressing rare and endangered birds, especially when nesting.

Literature Cited

- Anich, N.M., T.J. Benson, and J. C. Bednarz. 2009. Estimating territory and home-range sizes: Do singing locations alone provide an accurate estimate of space use? *Auk* 126:626-643.
- Benson, T. J., N. M. Anich, J. D. Brown, and J. C. Bednarz. 2010. Habitat and landscape effects on brood parasitism, nest survival, and fledgling production in Swainson's Warblers. *Journal of Wildlife Management* 74:81-93.
- Brown, J. D., T. J. Benson., and J. C. Bednarz. 2009. Vegetation characteristics of Swainson's Warblers in the White River National Wildlife Refuge. *Wetlands* 29:586-597.
- Brown, R. E., and J. G. Dickson. 1994. Swainson's Warbler (*Limnothlypis swainsonii*). In *The Birds of North America*, No. 126 (A. Poole and F. Gill, Eds.). Philadelphia: The Academy of Natural Sciences; Washington, D.C.: The American Ornithologists' Union.
- Eddleman, W. R., K. E. Evans, and W. H. Elder. 1980. Habitat characteristics and management of Swainson's Warbler in southern Illinois. *Wildlife Society Bulletin* 8:228-233.
- Graves, G. R. 2001. Factors governing the distribution of Swainson's Warbler along a hydrological gradient in Great Dismal Swamp. *Auk* 118:650-664.
- Kleen, V.M., L. Cordle, and R. A. Montgomery. 2004. *The Illinois Breeding Bird Atlas*. Illinois Natural History Survey Special Publication No. 26. Xviii + 459 pp.
- Hoover, J. P., T. H. Tear, and M. E. Baltz. 2006. Edge effects reduce the nesting success of Acadian Flycatchers in a moderately fragmented forest. *J. Field Ornithol.* 77:425-436.
- Hunter, W. C., D. N. Pashley, and R. E. F. Escano. 1993. Neotropical migratory landbird species and their habitats of special concern within the southeast region. Pages 159-171 in *Status and management of Neotropical migratory birds*. (Finch, D. M. and P. W. Stangel, Eds.) U.S. Forest Service Gen. Tech. Rept. RM-229, Fort Collins, CO.
- Robinson, W. D. 1996. *Southern Illinois birds*. Southern Illinois Press, Carbondale, IL. 432 pp.
- Thomas, B. G., E. P. Wiggers, and R. L. Clawson. 1996. Habitat selection and breeding status of Swainson's Warblers in Southern Missouri. *Journal of Wildlife Management* 60:611-616.
- Thompson, F. R., S. J. Lewis, J. Green, and D. Ewert. 1993. Status of Neotropical migrant landbirds in the Midwest: identifying species of management concern. Pages 145-158 in *Status and management of Neotropical migratory birds*. (Finch, D. M. and P. W. Stangel, Eds.) U.S. Forest Service Gen. Tech. Rept. RM-229, Fort Collins, CO.

— Matt McKim-Louder
*Institute of Natural Resource
Sustainability
Illinois Natural History Survey
and Natural Resources and
Environmental Sciences
University of Illinois,
Champaign, IL 61820
mckimlou@illinois.edu*

— Jeffrey Hoover
*Institute of Natural Resource
Sustainability
Illinois Natural History Survey
University of Illinois,
Champaign, IL 61820
jhoover@inhs.uiuc.edu*