

Publications

Farmland Wildlife Populations and Research Group Publications list: 2011

Cornicelli, L., D. C. Fulton, **M. D. Grund**, and J. Fieberg. 2011. Hunter perceptions and acceptance of alternative deer management regulations. *Wildlife Society Bulletin*: 35:323-329.

Forestry Wildlife Populations and Research Group Publication List: 2011

- *Baker, L.R., T. W. Arnold, O. S. Olubode, and **D.L. Garshelis**. 2011. Considerations for using occupancy surveys to monitor forest primates: a case study with Sclater's monkey (*Cercopithecus sclateri*). *Population Ecology* 53:549–56.
- Blumenthal, S., R. Morgan-Boyd, R. Nelson, **D.L. Garshelis**, and T. Unterman. 2011. Seasonal regulation of the growth hormone/insulin-like factor-I axis in the American black bear (*Ursus americanus*). *American Journal of Physiology-Endocrinology and Metabolism* 301: E628–E636.
- *Laske, T. G., **D.L. Garshelis**, and P. Iaizzo. 2011. Monitoring the wild black bear's reaction to human and environmental stressors. *BMC Physiology* 11:13 doi:10.1186/1472-6793-11-13
- *Peacock, E., K. Titus, **D.L. Garshelis**, M.M. Peacock, and M. Kuc. 2011. Mark-recapture using tetracycline and genetics reveals record-high bear density. *Journal of Wildlife Management* 75:1513-1520.

*In press last year.

Biometrics Wildlife Populations and Research Group Publication List: 2011

Accepted & Published Papers (Post July 1, 2010):

Aarts, G., **J. Fieberg**, and J. Matthiopoulos. 2012. Comparative interpretation of count, presence-absence and point methods for species distribution models. *Methods in Ecology and Evolution* 3:177-187.

Aing, C., S. Halls, K. Oken, R. Dobrow, and **J. Fieberg**. 2011. A Bayesian hierarchical occupancy model for track surveys conducted in a series of linear, spatially correlated sites. *Journal of Applied Ecology* 48:1058-1517.

Cornicelli, L., D.C. Fulton, **M.D. Grund**, and **J. Fieberg**. 2011. Hunter perceptions and acceptance of alternative deer management regulations. *Wildlife Society Bulletin* 35:323-329.

Fieberg, J. R. and **M.S. Lenarz**. 2012. Comparing stratification schemes for aerial moose surveys. *Alces*.

Fieberg, J. and **L. Börger**. 2012. Could you please phrase home range as a question? *Journal of Mammalogy*.

Fieberg, J. and M. Ditmer. In press. Understanding the causes and consequences of animal movement: a cautionary note on fitting and interpreting regression models with time-dependent covariates. *Methods in Ecology and Evolution*.

Giudice, J., **J. Fieberg**, and **M. Lenarz**. 2012. Spending degrees of freedom in a poor economy: a case study of building a sightability model for Moose in northeastern Minnesota. *Journal of Wildlife Management* 76:75-87.

Kurt J. Jenkins, Patricia J. Happe, Katherine F. Beirne, Roger A. Hoffman, Paul C. Griffin, William T. Baccus, and **John R. Fieberg**. In Press. Recent Population Trends of Mountain Goats in the Olympic Mountains, Washington. *Northwest Science*.

Wetland Wildlife Populations and Research Group Publication list: 2011

- Berdeen, J. B.**, and D. L. Otis. 2011. An observation of a partially albinistic *Zenaida macroura* (mourning dove). *Southeastern Naturalist* 10:185-188.
- Berdeen, J. B.**, and D. L. Otis. 2011. Rapid change in the defense of flightless offspring by a mourning dove parent. *Southeastern Naturalist*. 10:374-377.
- Denton, J. C., **C. L. Roy**, G. Soulliere, and B. Potter. 2012. Change in density of duck nest cavities at forests in the North Central United States. *Journal of Fish and Wildlife Management: In press*
- Denton, J. C., **C. L. Roy**, G. Soulliere, and B. Potter. 2012. Current and Projected Abundance of Potential Nest Sites for Cavity-nesting Ducks in Hardwoods of the North Central United States. *Journal of Wildlife Management* 76(2): 422-432.
- Hanson, M.A.**, B. R. Herwig, K. D. Zimmer, J. Fieberg, S. R. Vaughn, R. G. Wright, and J. A. Younk. 2012. Comparing effects of lake- and watershed-scale influences on communities of aquatic invertebrates in shallow lakes. *PLoS ONE: In Review*.
- Heinrich, K., M. Whiles, and **C. L. Roy**. 2012. Cascading Ecological Responses to an In-stream Restoration Project in a Midwestern River. *Restoration Ecology: In Review*.
- Herwig, B. R., L. W. Schroeder, K. D. Zimmer, **M. A. Hanson**, D. F. Staples, R. W. Wright, and J. A. Younk. 2012. Fish Influences on Amphibian Presence and Abundance in Prairie and Parkland Landscapes of Minnesota, U.S.A. *Journal of Herpetology: in press*.
- Hobbs, W.O., J. M. Ramstack Hobbs, T. LaFrancois, K. D. Zimmer, K. B. Theissen, M. B. Edlund, N. Michelutti, M. G. Butler, **M. A. Hanson**, and T. J. Carlson. 2012. A 200-year perspective on alternative stable state theory and lake management from a biomanipulated shallow lake. *Ecological Applications: In Press*.
- Roy, C. L.**, **C. M. Herwig**, W. L. Hohman, and **R. T. Eberhardt**. 2012. The Ring-necked Duck (*Aythya collaris*), *The Birds of North America* online. (A. Poole, ed.) Ithaca Cornell Lab of Ornithology: *In press*
- Roy, C.**, **C. Herwig**, J. Kennedy, E. Rave. 2011. Vital rates of nesting ring-necked ducks in the boreal forest of northern Minnesota. Final Report to the Upper Mississippi River and Great Lakes Region Joint Venture, USFWS. 68 pp.
- Schroeder, S. A., D. C. Fulton, **J.S. Lawrence**, and **S. D. Cordts**. An Application and Extension of the Constraints-Effects-Mitigation Model to Minnesota Waterfowl Hunting. *Human Dimensions of Wildlife: An International Journal. In review*
- Schroeder, S. A., **J. S. Lawrence**, and **S. D. Cordts**. 2011. Waterfowl hunting in Minnesota: A study of lapsed waterfowl hunters. University of Minnesota, Minnesota Cooperative Fish and Wildlife Research Unit, Department of Fisheries, Wildlife, and Conservation Biology. 55 pp.

Wilcox, B. R., G. A. Knutsen, **J. Berdeen**, V. Goekjian, R. Poulson, S. Goyal, S. Sreevatsan, C. Cardona, R. D. Berghaus, D. E. Swayne, M. J. Yabsley, and D. E. Stallknecht. 2011. Influenza-A viruses in northwestern Minnesota: fine scale spatial and temporal variation in prevalence and subtype diversity. PLoS ONE 6:e24010.