

Farmland Research Group Publications

- Dingman, K.L., **R.O. Kimmel**, J.D. Krenz, B.R. McMillan. 2007. Factors affecting spring wild turkey hunting quality in Minnesota. National Wild Turkey Symposium 9:319-324.
- Drake, J. F., **R. O. Kimmel**, J. D. Smith, G. Oejlert. 2007. Conservation reserve program grasslands and ring-necked pheasant abundance in Minnesota. *Gamebird* 2006. In Press.
- Ermer, J. R., **K. J. Haroldson**, **R. O. Kimmel**, C. D. Dieter, P. D. Evenson, and B. D. Berg. 2007. Characteristics of winter roost and activity sites of wild turkeys in Minnesota. National Wild Turkey Symposium 9: 281-287.
- Giudice, J. G.**, and **K. J. Haroldson**. 2007. Using regional wildlife surveys to assess the CRP: scale and data-quality issues. *Journal of Field Ornithology* 78: 140-151.
- Grund, M. D.**, E. Wiggers, and J. B. McAninch. 2008. Daily movement patterns and seasonal survival rates of white-tailed deer associated with a large urban park. *Urban Deer Management and Ecology, The Wildlife Society*. *In press*.
- Kane, D. F., **R. O. Kimmel**, and W. E. Faber. 2007. Winter Survival of wild turkey hens in central Minnesota. *Journal of Wildlife Management* 71(6):1800-1807.
- Kimmel, R.O., and W.J. Krueger. 2007. Northern wild turkeys: issues or opportunities. National Wild Turkey Symposium 9:263-272.
- LaRue, M. A., C. K. Nielsen, and **M. D. Grund**. 2008. Using distance sampling to estimate white-tailed deer density in south-central Minnesota. *Prairie Naturalist*: *In press*.
- Mitchell, M.D. and, **R.O. Kimmel**. 2007. Landowner attitudes and perceptions regarding wildlife benefits of the Conservation Reserve Program (CRP). *Prairie Naturalist*. In review.
- Restani, M., **R. O. Kimmel**, **J. Fieberg**, and S. Goetz. 2008. Effects of supplemental food and experience on winter survival of transplanted wild turkeys. *Wilson Journal of Ornithology*. In review.
- Riggs, M. R., **K. J. Haroldson**, and **M. A. Hanson**. 2008. Analysis of covariance models for data from observational field studies. *Journal of Wildlife Management* 72: 34-43.
- Tranel, M.A.** and **R.O. Kimmel**. 2008. Impacts of lead ammunition on wildlife, the environment, and human health – a literature review and implications for Minnesota. *In* Proceedings of the Ingestion of Spent Lead Ammunition: Implications for Wildlife and Humans Conference. The Peregrine Fund, 12-15 May 2008, Boise, Idaho, USA.

Forest Research Group Publications

- Barrett, M. A., S. Morano, G. D. DelGiudice, and J. Fieberg.** 2008. Translating bait preference to capture success of northern white-tailed deer. *Journal of Wildlife Management* 72:555-560.
- *Carstensen Powell, M., G. D. DelGiudice, B. A. Sampson, and D. W. Kuehn.** 2007. Understanding survival, birth characteristics, and cause-specific mortality of northern white-tailed deer neonates. *Journal of Wildlife Management*. In review.
- *DelGiudice, G. D., M. S. Lenarz, and M. Carstensen Powell.** 2007. Age-specific fertility and fecundity in northern free-ranging white-tailed deer: evidence for reproductive senescence? *Journal of Mammalogy*. 88: 427-435.
- DelGiudice, G. D., K. R. McCaffery, D. E. Beyer, Jr., and M. E. Nelson.** 2008. Prey of wolves in the Great Lakes region. Pages XX–XX. *in* A. P. Wydeven, E. J. Heske, and T. R. Van Deelen, editors. *Recovery of gray wolves in the Great Lakes Region of the United States: an endangered species success story*. Springer Publishing. In press.
- Fieberg, J., and G. D. DelGiudice.** 2008. What time is it? Importance of time origin and scale in applications of extended proportional hazards models. *Ecology*. In review.
- Fieberg, J., and G. D. DelGiudice.** 2008. Exploring migration data using interval-censored time-to-event models. *Journal Wildlife Management* 72: In press.
- Fieberg, J., D. W. Kuehn, and G. D. DelGiudice.** 2008. Understanding variations in autumn migration of northern white-tailed deer by long-term study. *Journal of Mammalogy* 89: In press.
- Erb, J. D., and M. DonCarlos.** 2008. An overview of the legal history and population status of wolves in Minnesota. Pages XX–XX. *in* A. P. Wydevan, E. J. Heske, and T. R. Van Deelen, editors. *Recovery of gray wolves in the Great Lakes region of the United States: an endangered species success story*. Springer Publishing. In press.
- Garshelis, D. L.** 2008. Assessing the status of the world's bears – what can we tell from the trade in bear parts? Pages 6–20 *in* D. Williamson, editor. *Fourth International Symposium on the Trade in Bear Parts*. TRAFFIC East Asia-Japan, Tokyo.
- Garshelis, D. L., H. WANG, D. WANG, X. ZHU, AND W. MCSHEA.** Do revised giant panda population estimates aid in their conservation? *Ursus*: In press.
- Garshelis, D. L., and K. V. Noyce.** 2008. Seeing the world through the nose of a bear — diversity of foods fosters behavioral and demographic stability. Pages 139-163 *in* T. E. Fulbright and D.G. Hewitt, editors. *Wildlife Science: Linking ecological theory and management applications*. CRC Press, Boca Raton, Florida.
- *Gorman, T. A., B. R. McMillan, J. D. Erb, C. S. Deperno, and D. J. Martin.** 2008. Survival and cause-specific mortality of a protected population of river otters in Minnesota. *American Midland Naturalist* 159: 98-109.

Larson, M. A., J. J. Millspaugh, and F. R. Thompson, III. 2008. A review of methods for quantifying habitat in large landscapes. Pages XX–XX (Chapter 9) *in* J. J. Millspaugh and F. R. Thompson, III, editors. Models for planning wildlife conservation in large landscapes. Elsevier Science. In Press.

Lenarz, M. S., M. E. Nelson, M. W. Schrage, and A. J. Edwards. 2008. Temperature mediated survival in northeastern Minnesota Moose. *Journal of Wildlife Management*. In review.

Millspaugh, J. J., R. A. Gitzen, D. R. Larsen, **M. A. Larson**, and F. R. Thompson, III. 2008. General principles for developing landscape models for wildlife conservation. Pages XX–XX (Chapter 1) *in* J. J. Millspaugh and F. R. Thompson, III, editors. Models for planning wildlife conservation in large landscapes. Elsevier Science. In press.

Powell, M. G. D. DelGiudice, B. A. Sampson, and D. W. Kuehn. 2008. Understanding survival, birth characteristics, and cause-specific mortality of northern white-tailed deer neonates. *Journal of Wildlife Management* In press.

Steinmetz, R., and **D. L. Garshelis**. 2008. Distinguishing Asiatic black bears and sun bears by their claw marks on climbed trees. *Journal of Wildlife Management* 72: 814-821.

Other Publications:

***DelGiudice, G. D.** 2008. Understanding winter severity and the forces of mortality for white-tailed deer. Potlatch Corporation Newsletter Spring Issue.

DelGiudice, G. D., **M. DonCarlos**, and **J. Erb**. 2008. An incidental take plan for Canada lynx for Minnesota's trapping program. Submitted to U. S. Department of Interior, Fish and Wildlife Service. Minnesota Department of Natural Resources, St. Paul, Minnesota. 173pp.

DelGiudice, G. D. 2007. White-tailed deer and winter survival. In white-tailed deer education materials. Minnesota Department of Natural Resources, St. Paul. In press.

*Listed in previous summary as in press or in review.

Wetlands Research Group Publications

Miller, A. T., **M. A. Hanson**, J. O. Church, B. Palik, S. E. Bowe, and M. G. Butler. 2008. Invertebrate community variation in seasonal forest wetlands: Implications for sampling and analyses. In Press. WETLANDS.

Potthoff, A. J., B. R. Herwig, **M. A. Hanson**, K. D. Zimmer, M. G. Butler, J. R. Reed, B. G. Parsons, and M. C. Ward. 2008. Effects of piscivore introductions to shallow lakes: exploiting trophic interactions to induce clear water shifts. In Press. *Journal of Applied Ecology*.

Roy Nielsen, C., and R. J. Gates. 2007. Reduced nest predation of cavity-nesting Wood Ducks during flooding in a bottomland hardwood forest. *The Condor* 109(1): 210-215.

Roy Nielsen, C., R. J. Gates, and E. Zwicker. 2007. Projected availability of natural cavities for wood ducks in southern Illinois. *Journal of Wildlife Management* 71(3): 875-883.

- Roy Nielsen, C.**, and C. K. Nielsen. 2007. Multiple paternity and relatedness in southern Illinois raccoons, *Procyon lotor*. *Journal of Mammalogy* 88(2): 441-447.
- Roy Nielsen, C.**, P. G. Parker, and R. J. Gates. 2008. Partial clutch predation, dilution of predation risk, and the evolution of intraspecific nest parasitism. *The Auk*: In press.
- Roy Nielsen, C. L.**, S. M. Wakamiya, and C. K. Nielsen. 2008. Viability and patch occupancy of the state-endangered swamp rabbit metapopulation in southwestern Indiana. *Biological Conservation*: 141(4):1043-1054.