

Farmland Research Group Publications

- Drake, J. F., **R. O. Kimmel**, J. D. Smith, G. Oejlert. 2009. Conservation reserve program grasslands and ring-necked pheasant abundance in Minnesota. *Gamebird* 2006. In press.
- Dunton, E. M.**, and D. L. Combs. 2009. Movements, habitat selection, associations, and survival of giant Canada goose broods in central Tennessee. *Human-Wildlife Conflicts*. In press.
- LaRue, M. A., C. K. Nielsen, and **M. D. Grund**. 2008. Using distance sampling to estimate white-tailed deer density in south-central Minnesota. *The Prairie Naturalist* 39:57-68.
- Mitchell, M. D., and **R. O. Kimmel**. 2009. Landowner attitudes and perceptions regarding wildlife benefits of the Conservation Reserve Program (CRP) in south central Minnesota, 1997 & 2006. In review.
- Restani, M., **R.O. Kimmel**, **J.R. Fieberg**, and S.L. Goetz. 2009. Effects of supplemental food and experience on winter survival of transplanted wild turkeys. *Wilson Journal of Ornithology* 121 (2): 366-377.
- 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**. 2009. Impacts of lead ammunition on wildlife, the environment, and human health-A literature review and implications for Minnesota. In R. T. Watson, M. Fuller, M. Pokras, and W. G. Hunt (Eds.). *Ingestion of Lead from Spent Ammunition: Implications for Wildlife and Humans*. The Peregrine Fund, Boise, Idaho, USA.

Forest Research Group Publications

- Baker, L. R., A. A. Tanimola, O. S. Olubode, and **D. L. Garshelis**. 2009. Distribution and abundance of sacred monkeys in Igboland, southern Nigeria. *American Journal of Primatology* 71: in press.
- ***Carstensen Powell, G. D. DelGiudice, B. A. Sampson, and D. W. Kuehn**. 2009. Understanding survival, birth characteristics, and cause-specific mortality of northern white-tailed deer neonates. *Journal of Wildlife Management*. 73:175-183.
- DelGiudice, G. D., B. A. Sampson, M. S. Lenarz, M. W. Schrage, and A. J. Edwards**. 2009. Assessing winter body condition of moose (*Alces alces*) in a declining population in northeastern Minnesota. *Journal of Mammalogy*. *Submitted*.
- * **DelGiudice, G. D.**, K. R. McCaffery, D. E. Beyer, Jr., and M. E. Nelson. 2009. Prey of wolves in the Great Lakes region. Pages 155-173 *in* A. P. Wydeven, T. R. Van Deelen, and E. J. Heske, editors. *Recovery of Gray Wolves in the Great Lakes Region of the United States: An Endangered Species Success Story*. Springer. New York, New York.
- Erb, J.**, and J. C. Ray. 2008. Interagency cooperative scent station survey. Pages 106-109 in R. A. Long, P. MacKay, W. J. Zielinski, and J. C. Ray, editors. *Noninvasive survey methods for carnivores*. Island Press, Washington, D.C.
- ***Erb, J. D.**, and **M. DonCarlos**. 2009. An overview of the legal history and population status of wolves in Minnesota. Pages 49–64. *in* A. P. Wydeven, T. R. Van Deelen, and E. J. Heske, editors. *Recovery of gray wolves in the Great Lakes region of the United States: an endangered species success story*. Springer New York, New York.
- ***Fieberg, J.**, and **G. D. DelGiudice**. 2008. Exploring migration data using interval-censored time-to-event models. *Journal Wildlife Management* 72:1211-1219.
- ***Fieberg, J.**, and **G. D. DelGiudice**. 2009. What time is it? Importance of time origin and scale in applications of extended proportional hazards models. *Ecology*: In press.
- Fieberg, J.**, and **G. D. DelGiudice**. 2009. Estimating age-specific hazards from wildlife telemetry data. *Environmental and Ecological Statistics*. *Submitted*.
- ***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: 1529-1539.
- ***Garshelis, D.L.**, H. Wang, D. Wang. X. Zhu, and W. McShea. 2008. Do revised giant panda population estimates aid in their conservation? *Ursus*: 168-176.
- Garshelis, D. L.** 2009. Family Ursidae (Bears). *in* D. E. Wilson and R. A. Mittermeier, editors. *Handbook of the Mammals of the World*. Vol. 1. Carnivores. Lynx Edicions. In press.
- Kochanny, C. O., and **G. D. DelGiudice**. 2009. Understanding diel winter movements of northern white-tailed deer. *Journal of Mammalogy*. In review.
- Kochanny, C. O., **G. D. DelGiudice**, and **J. Fieberg**. 2009. Comparing Global Positioning System and Very High Frequency telemetry home ranges of white-tailed deer. *Journal of Wildlife Management* 73:In press.

- Lacy, R., S. Hedges, D. Mallon, P. McGowan, P. Miller, E. Sanderson, C. Sillero-Zubiri, K. Svadlenak-Gomez, R. Woodroffe, J. Blanc, U. Breitenmoser, D. Cator, P. Chardonnet, H. Dublin, R. Emslie, **D. Garshelis**, J. Haslett, M. Kinnaird, S. Lieberman, M. Maunder, P. Medici, R. Mittermeier, D. Procter, J. Robinson, and P. Soorae. 2008. Strategic Planning for Species Conservation: A Handbook. The Species Conservation Planning Task Force, Species Survival Commission, IUCN Version 1.0. 104pp.
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- ***Larson, M. A.**, J. J. Millspaugh, and F. R. Thompson, III. 2009. A review of methods for quantifying habitat in large landscapes. Pages 225-250 *in* J. J. Millspaugh and F. R. Thompson, III, editors. Models for planning wildlife conservation in large landscapes. Elsevier Science
- ***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*. 73:503-510.
- Lenarz, M. S.**, **J. Fieberg**, M. W. Schrage, and A. E. Edwards. 2009. Dynamics of a Minnesota moose population in a warming climate. *Journal of Animal Ecology*: in review.
- Liu, F., W. McShea, **D. Garshelis**, X. Zhu, D. Wang, J. Gong, and Y. Chen. 2009. Spatial distribution as a measure of conservation needs: an example with Asiatic black bears in south-western China. *Diversity and Distributions*: in press.
- Martin, D. J., B. R. McMillan, **J. D. Erb**, D. P. Walsh, and T. A. Gorman. 2009. Diel activity patterns of river otters in southeastern Minnesota. *Journal of Mammalogy*. in review.
- *Millspaugh, J. J., R. A. Gitzen, D. R. Larsen, **M. A. Larson**, and F. R. Thompson, III. 2009. General principles for developing landscape models for wildlife conservation. Pages 1-31 *in* J. J. Millspaugh and F. R. Thompson, III, editors. Models for planning wildlife conservation in large landscapes. Elsevier Science.
- Packer, C., M. Kosmala, H. S. Cooley, H. Brink, L. Pintea, **D. Garshelis**, G. Purchase, M. Strauss, A. Swanson, G. Balme, L. Hunter, and K. Nowell. 2009. Sport hunting, predator control and conservation of large carnivores. *PLoS ONE*: in press
- Schipper, J., J. S. Chanson, F. Chiozza, N. A. Cox, M. Hoffmann, V. Katariya, J. Lamoreux, A. S. L. Rodrigues, S. N. Stuart, H. J. Temple, J. Baillie, L. Boitani, T. E. Lacher Jr., R. A. Mittermeier, A. T. Smith, D. Absolon, J. M. Aguiar, G. Amori, Noura Bakkour, R. Baldi, R. J. Berridge, J. Bielby, P. A. Black, J. J. Blanc, T. M. Brooks, J. A. Burton, T. M. Butynski, G. Catullo, R. Chapman, Z. Cokeliss, B. Collen, J. Conroy, J. G. Cooke, G. A. B. da Fonseca, A. E. Derocher, H. T. Dublin, J. W. Duckworth, L. Emmons, R. H. Emslie, M. Festa-Bianchet, M. Foster, S. Foster, **D. L. Garshelis**, C. Gates, M. Gimenez-Dixon, et. al. 2008. The status of the world's land and marine mammals: diversity, threat, and knowledge. *Science* 322: 225–230 (plus Supplement).

Wetland Research Group Publications

- Berdeen, J. B.** Rapid Change in the Defense of Flightless Offspring by a Mourning Dove Parent. *Wilson Journal of Ornithology*. In review.
- Hanson, M. A.,** S.E. Bove, F.J. Ossman, **J. Fieberg,** M.G. Butler, R. Koch. 2009. Influences of forest harvest and environmental gradients on aquatic invertebrate communities of seasonal ponds. *Wetlands* 29: In Press
- Maxson, S. J., J. R Fieberg, M. R. Riggs.** 2008. Sandhill crane nest habitat selection and factors affecting nest success in northwestern Minnesota. *Proceedings of the North American Crane Workshop* 10:90–97
- Miller, A. T., **M. A. Hanson,** J. O. Church, B. Palik, S. E. Bove, and M. G. Butler. 2008. Invertebrate community variation in seasonal forest wetlands: Implications for sampling and analyses. *Wetlands* 28:874-881.
- Rave, D. P., M. C. Zicus, and J. R. Fieberg.** Eggshell thickness in Minnesota Common Goldeneye and Hooded Merganser Eggs: a followup. *Bulletin of Environmental Toxicology*. In Review.
- Roy, C.,** J. M. Eadie, E. M. Schaubert, N. S. Odell, E. Berg, and T. Moore. 2009. Public information and conspecific nest parasitism: does nest density affect information quality? *Animal Behaviour* 77: 1367-1373.
- Roy, C. L.,** P. G. Parker, and R. J. Gates. 2009. Egg morphology is an unreliable indicator of intraspecific nest parasitism in wood ducks. *The Condor* 111(2): 377-381.
- 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* 125(3):679-686.
- 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.
- Sousa, C. M.,** R. A. Malecki; A. J. Lembo, Jr., and L. J. Hindman. 2008. Monitoring Habitat Use by Male Mute Swans in the Chesapeake Bay. *Proceedings of the Annual Conference of the Southeast Association of Fish & Wildlife Agencies* 62: 88-93.
- Wakamiya, S. M., and **C. L. Roy.** 2009. Use of monitoring data and population viability analysis to inform reintroduction decisions: peregrine falcons in the midwestern United States. *Biological Conservation* 142:1767-1776.
- Zicus, M.C., D. P. Rave, J. R. Fieberg, J. H. Giudice, and R. G. Wright.** 2008. Distribution and abundance of Minnesota-breeding Ring-necked Ducks *Aythya collaris*. *Wildfowl* 58:31-45.
- Zimmer, K.D., **M.A. Hanson,** B.R. Herwig, and M.L. Konsti. 2009. Thresholds and stability of alternative regimes in shallow prairie-parkland lakes of central North America. *Ecosystems* 12: In Press.

Other Publications

Berdeen, J. B., and P. Jodice. 2008. An analytical framework for classifying old growth status of forest stands in northwestern Montana. Final Report submitted to the USDA Forest Service, Kootenai National Forest, Libby, Montana.

Berdeen, J. B., P. Jodice, R. Noel, and M. Purcell. 2008. Optimizing field management for the wintering grassland bird community in the Coastal Plain of South Carolina (Phases I and II). Final Report submitted to the USDI Fish and Wildlife Service and USGS Biological Resources Division.

Schroeder, S. A., D. C. Fulton, **J.S. Lawrence, and S. D. Cordts.** (2008). The 2007 Waterfowl Hunting Season in Minnesota: A Study of Hunters' Opinions and Activities. University of Minnesota, Minnesota Cooperative Fish and Wildlife Research Unit, Dept. of Fisheries, Wildlife, and Conservation Biology. 30 pp.

