

Forest Wildlife Populations and 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: 71:574–586.
- DelGiudice, G. D.**, B. A. Sampson, M. S. Lenarz, M. W. Schrage, and A. J. Edwards. 2010. Winter body condition of moose (*Alces alces*) in a declining population in northeastern Minnesota. *Journal of Wildlife Diseases* *Accepted*.
- ***Garshelis, D.L.** 2009. Family Ursidae (Bears). Pages 448–497 in D. E. Wilson and R. A. Mittermeier, editors. *Handbook of the Mammals of the World*. Vol. 1. Carnivores. Lynx Edicions. Barcelona, Spain. .
- Hwang, M-H., **D. L. Garshelis**, Y-H. Wu, and Y. Wang. 2010. Home ranges of Asiatic black bears in the Central Mountains of Taiwan: gauging whether a reserve is big enough. *Ursus*: in press.
- *Kochanny, C. O., **G. D. DelGiudice**, and **J. R. Fieberg**. 2009. Comparing Global Positioning System and Very High Frequency telemetry home ranges of white-tailed deer. *Journal of Wildlife Management* 73:73: 779-787.
- Laske, T. G., H. J. Harlow, **D. L. Garshelis**, and P. Iaizzo. 2010. Extreme respiratory sinus arrhythmia enables hibernating black bear survival — Physiological insights and applications to human medicine. *Journal of Cardiovascular Translational Research*: in press.
- Lenarz, M. S.**, **J. Fieberg**. M. W. Schrage, and A. J. Edwards. 2010. Living on the edge: viability of moose in northeastern Minnesota. *Journal of Wildlife Management*: in press.
- *Liu, F, W. McShea, **D. L. 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*: 15: 649–659.
- Martin, D. J., B. R. McMillan, **J. D. Erb**, T. A. Gorman, and D. P. Walsh. 2010. Diel activity patterns of river otters (*Lontra Canadensis*) in southeastern Minnesota. *Journal of Mammalogy* *Accepted*.
- *Packer, C., M. Kosmala, H. 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* 4(6): e5941
- Steinmetz, R. and **D. L. Garshelis**. 2010. Estimating ages of bear claw marks in Southeast Asian tropical forests as an aid to population monitoring. *Ursus*: in press

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Wetland Wildlife Populations and Research Group Publications

- Berkman, L. K., M. J. Saltzgeber, E. J. Heist, C. K. Nielsen, **C. L. Roy**, and P. D. Scharine. 2009. Hybridization and polymorphic microsatellite markers for two lagomorph species (Genus *Sylvilagus*): implications for conservation. *Conservation Genetics Resources* 1:419-424.
- Giudice, J. H., J. R. Fieberg, **M. C. Zicus, D. P. Rave**, and R. G. Wright. 2010. Cost and Precision Functions for Aerial Quadrat Surveys: a Case Study of Ring-Necked Ducks in Minnesota. *Journal of Wildlife Management* 74:in press.
- Hanson, M. A.**, B. Palik, J. O Church, and A. T. Miller. In Review. Influences of Upland Timber Harvest on Aquatic Invertebrate Communities in Seasonal Ponds: Efficacy of Harvest Buffers. *Ecology and management of Wetlands* DOI 10.1007/s11273-009-9167-1.
- Herwig, B.R., Zimmer, K.D., **Hanson, M.A.**, Konsti, M.L., Younk, J.A., Wright, R.W., Vaughn, S.R., and Haustein, M.D. 2010. Factors influencing fish distributions and community structure in shallow lakes within prairie and prairie-parkland regions of Minnesota, USA. *Wetlands* DOI 10.1007/s13157-010-0037-7.
- 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* 12:843-852.

Farmland Wildlife Populations and Research Group Publications

- Carbaugh, J. S., D. L. Combs, and E. M. Dunton. 2010. Nest site selection and nesting ecology of giant Canada geese in central Tennessee. *Human-Wildlife Interactions*. In Press.
- Cornicelli, L, and M. D. Grund. 2011. Don't throw the baby out with the bathwater: Non-random public input data can be useful. *Human Dimensions of Wildlife* 16: in review.
- Drake, J. F., R. O. Kimmel, J. D. Smith, and G. Oejlert. 2009. Conservation reserve program grasslands and ring-necked pheasant abundance in Minnesota. Pages 302-314 in S.B. Cederbaum et al. eds. *Gamebird 2006: Quail VI and Perdix XII*. 31 May – 4 June, 2006. Warnell School of Forestry and Natural Resources, Athens, GA, USA.
- Dunton, E. M., and D. L. Combs. 2010. Movements, habitat selection, associations, and survival of giant Canada goose broods in central Tennessee. *Human-Wildlife Interactions*. In press.
- Fieberg, J., L. Cornicelli, D. C. Fulton, and M. D. Grund. 2010. Design and analysis of simple choice surveys for natural resource management. *Journal of Wildlife Management* 74: in press.
- Grund, M. D., L. Cornicelli, L. T. Carlson, and E. Butler. 2010. Bullet fragmentation and lead deposition in white-tailed deer and domestic sheep. *Human-Wildlife Interactions* 4: in press.
- Grund, M. D. 2010. Survival analysis and computer simulations of lethal and contraceptive management strategies for urban deer. *Human-Wildlife Interactions* 4: in press.
- 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. *Rural Minnesota Journal* 2009. Pages 93-105.
- Mitchell, M.D., R.O. Kimmel, and J. Snyders. In review. Reintroduction and range expansion of eastern wild turkeys (*Meleagris gallopavo sylvestris*) in Minnesota. *Geographical Review*.
- Parent, C. J., B. J. Goodwin, and E. M. Dunton. 2010. Survival of wild turkey hens transplanted beyond their current distribution in Minnesota. *Proceedings of the National Wild Turkey Symposium* 10. In Press.
- 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.
- 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. Pokra, and W.G. Hunt (eds.) *Ingestion of Spent Lead Ammunition: Implications for Wildlife and Humans*. The Peregrine Fund, Boise, Idaho, USA.

Wildlife Biometrics Publications

- Fieberg, J.**, J. Matthiopoulos, M. Hebblewhite, M.S. Boyce, J. L. Frair. In press. Correlation and studies of habitat selection: problem, red herring, or opportunity? *Philosophical Transactions of the Royal Society, Series B*.
- Frair, J. L., **J. Fieberg**, M. Hebblewhite, F. Cagnacci, N. DeCesare, and L Pedrotti. In press. Resolving issues of imprecise and habitat-biased locations in ecological analyses using GPS telemetry data. *Philosophical Transactions of the Royal Society, Series B*.
- Kie, J. G., Matthiopoulos, J., **Fieberg, J.**, Mitchell, M.S., Powell, R. A., Cagnacci, F., Gaillard, J-M., and P. Moorcroft. In Press. The home-range concept: are traditional estimators still relevant with modern telemetry technology? *Philosophical Transactions of the Royal Society, Series B*.
- Fieberg, J.** and **G. D. DelGiudice**. In press. Estimating age-specific hazards from wildlife telemetry data. *Journal of Environmental and Ecological Statistics*.
- Fieberg, J.**, **Cornicelli, L.**, Fulton, D. C., and **Grund, M. D.** 2010. Design and analysis of simple choice surveys for natural resource management. *Journal of Wildlife Management* 74:871-879.
- Giudice, J. G.**, **J. R. Fieberg**, **M. C. Zicus**, **D. P. Rave**, and **R. G. Wright**. 2010. Constructing cost and precision functions for aerial quadrat surveys: a case of ring-necked ducks in Minnesota. *Journal of Wildlife Management* 74:342–349.
- Fieberg, J.**, Rieger, R.H., **Zicus, M. C.**, Schildcrout, J. S. 2009. Regression modelling of correlated data in ecology: subject specific and population averaged response patterns. *Journal of Applied Ecology* 46:1018-1025.
- Fieberg, J.**, and **G. D. DelGiudice**. 2009. What time is it? Choice of time origin and scale in extended proportional hazards models. *Ecology* 90:1687-1697.

Other Publications

DeIudice, G. D. 2009. "Do wolf tracks and few deer on your fall hunting area mean what you think they mean?" Whitetales. Fall Issue: 12-14.