

### **Wetlands Research Group Publications**

- \***MAXSON, S. J., J. R. FIEBERG**, and M. R. RIGGS. 2007. Black tern nest habitat selection and factors affecting nest success in northwestern Minnesota. *Waterbirds* 30:1-9.
- MILLER, A. T., **M. A. HANSON**, J. O. CHURCH, B. PALIK, S. E. BOWE, and M. G. BUTLER. Invertebrate Community Variation in Seasonal Forest Wetlands: Implications for Sampling. *Wetlands*. Submitted.
- RIGGS, M. R., **K. J. HAROLDSON**, and **M. A. HANSON**. Analysis of covariance models for data from observational field studies. *Journal of Wildlife Management*. Submitted.
- \*SCHROEDER, S., D. C. FULTON, and **J. S. LAWRENCE**. 2006. Managing for preferred hunting experiences: A typology of Minnesota waterfowl hunts. *Wildlife Society Bulletin*. 34:380-387.
- WARD, M. C., D. W. WILLIS, **B. R. HERWIG**, S. R. CHIPPS, **B. G. PARSONS**, **J. R. REED**, and **M. A. HANSON**. Consumption Estimates of Walleye Stocked as Fry to Suppress Fathead Minnow Populations in West-Central Minnesota Wetlands. *Ecology of Freshwater Fishes*. Accepted.
- \***Zicus, M. C., D. P. Rave**, and **J. R. Fieberg**. 2006. Cost-effectiveness of single- versus double-cylinder over-water nest structures. *Wildlife Society Bulletin*, 34: 647-655.
- \***Zicus, M. C., D. P. Rave**, A. Das, M. R. Riggs, and **M. L. Buitenwerf**. 2006. Influence of land use on mallard nest-structure occupancy. *Journal of Wildlife Management*, 70: 1325-1333.

### **Farmland Research Group Publications**

- ALT, G. L., **M. D. GRUND**, and B. P. SHISSLER. 2006. Challenges of white-tailed deer management. *Transactions of the 71st North American Wildlife and Natural Resources Conference*: In press.
- DINGMAN, K. L., **R. O. KIMMEL**, J. D. KRENZ, AND B. R. MCMILLAN. 2007. Factors affecting spring wild turkey hunting quality in Minnesota. *National Wild Turkey Symposium 9*: In press.
- DRAKE, J. F., **R. O. KIMMEL**, J. DAVID SMITH, G. OEHLERT. 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*: In press.
- 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: In press.

- GOETZ, S. L., AND W. F. PORTER.** 2007. Statewide assessment of wild turkey habitat in Arkansas using satellite imagery. National Wild Turkey Symposium 9: In press.
- HAROLDSON, K. J., R. O. KIMMEL, M. R. RIGGS, and A. H. BERNER.** 2006. Association of ring-necked pheasant, gray partridge, and meadowlark abundance to CRP grasslands. *Journal of Wildlife Management* 70:1276-1284.
- 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: In press.
- KIMMEL, R. O., AND W. J. KRUEGER.** 2006. Northern wild turkeys: issues or opportunities. National Wild Turkey Symposium 9: In Press.
- LARUE, M. A., C. K. NIELSEN, and M. D. GRUND.** 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
- RIGGS, M. R., K. J. HAROLDSON, and M. A. HANSON.** Submitted. Analysis of covariance models for data from observational field studies. *Journal of Wildlife Management*: In review.
- WOLF, K. N., C. S. DEPERNO, J. A. JEMLS, M. K. STOSKOPH, S. KENNEDY-STOSKOPH, B. S. HAROLDSON, J. W. MARCINO, C. S. SWANSON, T. J. BRINKMAN, R. G. OSBORN, J. A. TARDIFF, and T. R. KELLY.** 2007. Serologic survey of selected infectious diseases and selenium status of white-tailed deer (*Odocoileus virginianus*) in southern Minnesota. *Journal of Wildlife Diseases*: In Review.

### **Forest Research Group Publications**

- \*CARSTENSEN POWELL, 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., J. FIEBERG, M. R. RIGGS, M. CARSTENSEN POWELL, AND W. PAN.** 2006. A long-term age-specific survival analysis of female white-tailed deer. *Journal of Wildlife Management*. 70:1556-1568.
- \*DELGIUDICE, G. D., M. S. LENARZ, AND M. CARSTENSEN POWELL.** 2006. Age-specific fertility and fecundity in northern free-ranging white-tailed deer: evidence for reproductive senescence? *Journal of Mammalogy*. 88: In press.
- DELGIUDICE, G. D., K. R. MCCAFFERY, D. E. BEYER, JR., AND M. E. NELSON.** 2007. Prey of wolves in the Great Lakes region. Pages XXX-XXX 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 Press. In review.

- \*DIJAK, W. D., C. D. RITTENHOUSE, **M. A. LARSON**, F. R. THOMPSON, III, AND J. J. MILLSPAUGH. 2007. Landscape HSI models software. *Journal of Wildlife Management* 71: 668–670.
- \*DUCHAMP, J. E., E. B. ARNETT, **M. A. LARSON**, AND R. K. SWIHART. 2007. Ecological considerations for landscape-level management of bats. Pages 237–261 in M. J. Lacki, J. P. Hayes, and A. Kurta, editors. *Bats in forests: conservation and management*. Johns Hopkins University Press, Baltimore, MD.
- ERB, J. D.**, AND **M. DONCARLOS**. 2007. An overview of the legal history and population status of wolves in Minnesota. Pages XXX-XXX 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 Press. In review.
- GARSHELIS, D. L.** 2006. On the allure of noninvasive genetic sampling — putting a face to the name. *Ursus* 17:109-123.
- \***GARSHELIS, D. L.**, AND H. HRISTIENKO. 2006. State and provincial estimates of American black bear numbers versus agency assessments of population trend. *Ursus* 17:1–7.
- \***GARSHELIS, D. L.**, AND **K. V. NOYCE**. 2006. Discerning biases in a large-scale population estimate for black bears. *Journal of Wildlife Management* 70:1634-1643.
- GARSHELIS, D. L.**, AND **K. V. NOYCE**. 2006. Seeing the world through the nose of a bear — Diversity of foods fosters behavioral and demographic stability. In *Frontiers in Wildlife Science: Linking Ecological Theory and Management Applications*. T. Fulbright and D. Hewitt, editors. CRC Press. In press
- GONDIM, L. F. P., MCALLISTER, M. M., MATEUS-PINILLA, N. E., PITT, W., MECH, L. D., NELSON, M. E., AND **LENARZ, M. S.** 2004. Transmission of *Neospora caninum* between wild and domestic animals. *Journal of Parasitology* 90(6):1361-1365.
- \*GORMAN, T. A., **J. D. ERB**, B. R. MCMILLAN, D. J. MARTIN, AND J. A. HOMYACK. 2006. Site characteristics of river otter natal dens in Minnesota. *American Midland Naturalist* 156: 109-117.
- \*GORMAN, T. A., **J. D. ERB**, B. R. MCMILLAN, AND D. J. MARTIN. 2006. Space use and sociality of river otters in Minnesota. *Journal of Mammalogy* 87: 740-747.
- HWANG, M.-H. AND **D. L. GARSHELIS**. 2007. Activity patterns of Asiatic black bears (*Ursus thibetanus*) in the Central Mountains of Taiwan. *Journal of Zoology (Lond.)* 271:203-209.
- \***LENARZ, M. S.** 2006. Book Review – Ecology and management of the North American moose. *Wildlife Society Bulletin* 34:553-554.
- MAURER, L. E., L. A. SCHELLING, A. J. SOLLIDAY, N. BURKHART, W. J. PAUL, **G. D. DELGIUDICE**, J. A. FRICK, AND R. G. HARPER. 2006. Organochlorine pesticides in gray wolves (*Canis lupus*) and northern white cedars (*Thuja occidentalis*) from northern Minnesota. *Bulletin of Environmental Contamination and Toxicology*. In review.

- \*MURRAY, D. L., E. W. COX, W. B. BALLARD, H. A. WHITLAW, **M. S. LENARZ**, T. W. CUSTER, T. BARNETT, AND T. K. FULLER. 2006. Pathogens, nutritional deficiency, and climate influences on a declining moose population. *Wildlife Monographs*. 166:1-30.
- PEACOCK, E., AND **D. L. GARSHELIS**. 2006 Comment on "On the Regulation of Populations of Mammals, Birds, Fish, and Insects" IV. *Science* 313:45a.
- \***SAMPSON, B. A.**, AND **G. D. DELGIUDICE**. 2006. Tracking the rapid pace of GIS-related capabilities and their accessibility. *Wildlife Society Bulletin* 34:1446-1454.
- \*SOLÁ, S., **D. L. GARSHELIS**, J.D. AMARAL, **K. V. NOYCE**, **P. L. COY**, C.J. STEER, P.A. IAIZZO, AND C.M.P. RODRIGUES. 2006. Plasma levels of ursodeoxycholic acid in black bears, *Ursus americanus*: Seasonal changes. *Comparative Biochemistry and Physiology. Part C: Toxicology & Pharmacology* 143:204–208.

**Other Publications:**

- DELGIUDICE, G. D.** 2007. Understanding winter severity and the forces of mortality for white-tailed deer. *Potlatch Corporation Newsletter* 4 (1): *In press*.
- DELGIUDICE, G. D.** 2006. A better understanding of white-tailed deer aging, survival, and reproduction. *Potlatch Corporation Newsletter* 3 (2):6, 8.