

Publications

Forest Wildlife

- Berkman, L. K., C. K. Nielsen, **C. L. Roy**, and E. J. Heist. 2013. Population genetic structure among bobwhite in an agriculturally modified landscape. *Journal of Wildlife Management* 77(7):1472-1481.
- Berkman, L. K., C. K. Nielsen, **C. L. Roy**, and E. J. Heist. 2013. Resistance is futile: Effects of landscape genetic features on gene flow of the northern bobwhite. *Conservation Genetics* 14(2):323-332.
- Can O. E., N. D'Cruze, **D. L. Garshelis**, J. Beecham, and D. W. Macdonald. 2014. Resolving human-bear conflict: a global survey of countries, experts, and key factors. *Conservation Letters*: doi: 10.1111/conl.12117
- DelGiudice, G. D.**, J. R. Fieberg, and **B. A. Sampson**. 2013. A long-term assessment of the variability in winter use of dense conifer cover by female white-tailed deer. *PLoS ONE* 8(6): e65368. Doi: 10.1371/journal.pone.0065368
- DelGiudice, G. D.**, **B. A. Sampson**, and J. H. Giudice. 2013. A long-term assessment of the effect of winter severity on the food habits of white-tailed deer. *Journal of Wildlife Management* 77:1664-1675.
- Heinrich, K., M. Whiles, and **C. L. Roy**. 2014. Cascading Ecological Responses to an In-stream Restoration Project in a Midwestern River. *Restoration Ecology* 22:72-80.
- Stapleton, S., S. Atkinson, D. Hedman, and **D. Garshelis**. 2014. Revisiting Western Hudson Bay: Using aerial surveys to update polar bear abundance in a sentinel population. *Biological Conservation* 170: 38–47.
- Stapleton, S., M. LaRue, N. Lecomte, S. Atkinson, **D. Garshelis**, C. Porter, and T. Atwood. 2014. Polar bears from space: Assessing satellite imagery as a tool to track Arctic wildlife. *PLoS ONE* 9(7): e101513. doi:10.1371/journal.pone.0101513

Wetland Wildlife

- Berdeen, J. B.**, and D. G. Krementz. 2013. Unusual courtship behaviors by male American woodcock. *Southeastern Naturalist*.12:N1-N5.
- Gorman, M. W., K.D. Zimmer, B. R. Herwig, **M. A. Hanson**, R. G. Wright, S. R. Vaughn, and J. A. Younk. 2014. Phosphorus, fish biomass, and watersheds as drivers of phytoplankton abundance in shallow lakes. *Science of the Total Environment* 466–467:849–855.
- Hanson, M. A.**, C. A. Buelt, K. D. Zimmer, B. R. Herwig, S. Bowe, and K. M. Maurer. Community correspondence among aquatic invertebrates, fish, and submerged aquatic plants in shallow lakes. In *Revision to Freshwater Science*.

- Herwig, B. R., L. W. Schroeder, K. D. Zimmer, **M. A. Hanson**, D. F. Staples, **R. G. Wright**, and J. A. Younk. 2013. Fish influences on amphibian presence and abundance in prairie and parkland landscapes of Minnesota, USA. *Journal of Herpetology* 47: 489-497.
- Kissoon, L. T., D. L. Jacob, **M. A. Hanson**, B. R. Herwig, and S. E. Bove. Multi-elements in water and sediment of shallow lakes: relationships with water, sediment, and watershed characteristics. Submitted to *Wetlands*.
- Labarbenchon, C., R. Poulson, K. Shannon, J. Slagter, M. J. Slusher, B. R. Wilcox, **J. Berdeen**, G. A. Knutsen, C. J. Cardona, and D. E. Stallknecht. 2013. Isolation of influenza A viruses from wild ducks and feathers in Minnesota (2010-2011). *Avian Diseases* 57:677-680.
- Nolby, L. E., K. D. Zimmer, **M. A. Hanson**, and B. R. Herwig. Is island biogeography a poor fit to biodiversity patterns in shallow lakes? Submitted to *Oikos*.
- Pearce, J. M., J. M. Eadie, J. L. Savard, T. K. Christensen, **J. Berdeen**, E. Taylor, S. Boyd, Á. Einarsson, and S. L. Talbot. 2014. Comparative population structure of cavity-nesting sea ducks. *The Auk*. 131:195-207.
- Rave, D. P., J. R. Fieberg**, and K. Kotts. 2013. Comparison of an autumn biomass harvest with a spring prescribed burn in restored native grass fields. *Wildlife Society Bulletin* 37:564-570.
- Rave, D. P., M. C. Zicus, J. R. Fieberg**, L. Savoy, and K. Regan. 2014. Trends in eggshell thickness and mercury in common goldeneye and hooded merganser eggs. *Wildlife Society Bulletin* 38:9-13.
- Roy, C. L., J. Fieberg**, C. Scharenbroich, and **C. M. Herwig**. 2014. Thinking like a duck: fall lake use and movement patterns of juvenile ring-necked ducks in northern Minnesota. *PLoS ONE* 9(2): e88597 DOI: 10.1371/journal.pone.0088597.
- Roy, C. L., C. M. Herwig**, and P. Doherty. 2013. Mortality and refuge use of young ring-necked ducks before and during hunting season in north-central Minnesota. *Journal of Wildlife Management* 77:947-956.
- Roy, C. L., C. M. Herwig, M. C. Zicus, D. P. Rave**, W. L. Brininger, M. K. D. McDowell. In press. Patterns of refuge use by young ring-necked ducks: an individual-based telemetry approach. *Journal of Wildlife Management*.
- Schroeder, S. A., D. C. Fulton, **J. S. Lawrence**, and S. D. Cordts. 2014. Legitimization of regulatory norms: Waterfowl hunter acceptance of changing duck bag limits. *Human Dimensions of Wildlife: An International Journal*. 19:234-252.

Sullivan, R. D., L. T. Kissoon, D. Jacob, **M. A. Hanson**, E. K. Fischback, and M. Otte. 2014. Variations in shoreline vegetation and turbidity of shallow lakes. *Wetland Science and Practice* 31: 19-32.

Zimmer, K. D., W. O. Hobbs, L. M. Domine, B. R. Herwig, **M. A. Hanson** and J. B. Cotner. Community compensation yields homeostatic carbon fluxes in shallow lakes. In *Revision to Ecology*.

Farmland Wildlife

Frey, S. N., **R. Curtis**, and K. Heaton. 2013. Response of a small population of greater sage-grouse to tree removal: implications of limiting factors. *Human-Wildlife Interactions* 7:260-272.

Curtis, R., S. N. Frey, and N. L. Brown. 2014. The effect of coterie relocation on release-site retention and behavior of Utah prairie dogs. *Journal of Wildlife Management* 78:1069-1077.

Curtis, R., and S. N. Frey. 2013. Effects of vegetation differences in relocated Utah prairie dog release sites. *Natural Science* 5:44-49.

Shroeder, S. A., **L. Cornicelli**, D. C. Fulton, and **M. D. Grund**. 2014. What predicts support for antler point restrictions. *Human Dimensions of Wildlife*: 19:301-318.

Wildlife Health

Schwabenlander, M. D., **M. Carstensen**, K. Stepaniuk, and A. G. Armien. 2014. Cranial and brain lesions of a free-ranging gray wolf (*Canis lupus*) confirmed in a human/wolf conflict incident. *Veterinary Pathology*: In review.

White, L. C., H. S. Ip, D. P. Walsh, C. U. Meteyer, J. S. Hall, **M. Carstensen**, and P. C. Wolf. Spatial and temporal patterns of Newcastle Disease epizootics in double-crested cormorants in the United States. 2014. *Journal of Wildlife Diseases*: In press

Wünschmann, A., A. G. Armien, E. Butler, M. Schrage, B. Stromberg, J. B. Bender, A. M. Firshman, and **M. Carstensen**. 2014. Necropsy findings in 62 opportunistically collected free-ranging moose (*Alces alces*) from Minnesota, USA (2003-2013). *Journal of Wildlife Diseases*: In Press.

Dubey, J. P., P. Dennis, S. Verma, S. Chaudhary, L. Ferreira, S. Oliveira, O. Kwok, E. Butler, **M. Carstensen**, and C. Su. 2014. Epidemiology of toxoplasmosis in white tailed deer (*Odocoileus virginianus*): occurrence, congenital transmission, correlates of infection, isolation, and genetic characterization of *Toxoplasma gondii*. *Veterinary Parasitology* 202: 270–275.