

FOREST GROUP PUBLICATIONS - 2019

- Adkins, K., **C. L. Roy**, D. E. Anderson, **R. Wright**. *In press*. Spatially-explicit relationships between Greater Prairie-chickens and the Conservation Reserve Program. *Journal of Wildlife Management*.
- Corace R.G. III, S.A. Weiss, **L.M. Shartell**. 2018. Volunteer observer bias and sharp-tailed grouse lek counts in the Upper Midwest. *Journal of Fish and Wildlife Management* 9:666-677.
- DelGiudice, G. D.**, W. J. Severud, T. R. Obermoller, and **V. St-Louis**. 2018. Gaining a deeper understanding of capture-induced abandonment of moose neonates. *Journal of Wildlife Management* 82: 287–298.
- Gese, E. M., P. A. Terletzky, **J. D. Erb**, K. C. Fuller, J. P. Grabarkewitz, J. P. Hart, **C. Humpal**, **B. A. Sampson**, and J. K. Young. 2019. Injury scores and spatial responses of wolves following capture: cable restraints versus foothold traps. *Wildlife Society Bulletin* 43: 42-52.
- Joyce, M. J., **J. D. Erb**, **P. L. Coy**, **B. A. Sampson**, and R. A. Moen. *In Revision*. Effects of age, sex and population dynamics on dispersal in a solitary, terrestrial carnivore. *Journal of Mammalogy*.
- Joyce, M. J., **J. D. Erb**, **B. A. Sampson**, and R. A. Moen. 2019. Detection of coarse woody debris using airborne light detection and ranging (LiDAR). *Forest Ecology and Management* 433: 678-689.
- Mech, L. D., S. Barber-Meyer, J. C. Blanco, L. Boitani, L. Carbyn, **G. D. DelGiudice**, S. H. Fritts, D. Huber, O. Liberg, B. Patterson, and R. P. Thiel. 2017. An unparalleled opportunity for an important ecological study. *Bioscience* 67 (10): 875–876.
- Obermoller, T. R., **G. D. DelGiudice**, and W. J. Severud. 2018. Assessing expandable GPS collars for moose neonates. *Wildlife Society Bulletin* 42: 314–320.
- Obermoller, T. R., **G. D. DelGiudice**, and W. J. Severud. 2018. Maternal behavior indicates survival and cause-specific mortality of moose calves. *Journal of Wildlife Management* 83: 790–800.
- Roy, C. L.** 2018. Anthropogenic development, wetland attributes, and nest and brood survival of Ring-necked Ducks in the forest. *Avian Conservation and Ecology* 13(1):20
<https://doi.org/10.5751/ACE-01212-130120>.
- Roy, C. L.**, and A. Gregory. 2018. Landscape and population genetics reveal long distance sharp-tailed grouse (*Tympanuchus phasianellus*) movements and a recent bottleneck in Minnesota. *Conservation Genetics* 20(2):259-273 <https://doi.org/10.1007/s10592-018-1128-x>
- Roy, C. L.**, and A. Gregory. *In press*. Landscape genetic evaluation of a planned prairie corridor through a Midwestern agricultural matrix using the Greater Prairie-chicken (*Tympanuchus cupido*). *Landscape Ecology*.
- Roy, C. L.**, **J. Berdeen**, M. Clark. *In revision*. A demographic model for ring-necked ducks breeding in Minnesota. *Journal of Wildlife Management*.
- Roy, C. L.**, **P. Coy**, D. Chen, J. Ponder, M. Jankowski. 2019. Multi-scale availability of neonicotinoid-treated seed for wildlife in an agricultural landscape during spring planting.

Science of the Total Environment 682: 271-281
<https://doi.org/10.1016/j.scitotenv.2019.05.010>

Severud, W. J., **G. D. DelGiudice**, and J. K. Bump. 2019. Comparing survey and multiple recruitment-mortality models to assess growth rates and population projections. *Ecology and Evolution* *In review*.

Severud, W. J., **G. D. DelGiudice**, and T. R. Obermoller. 2019. Association of moose parturition and post-parturition habitat with calf survival. *Journal of Wildlife Management* 83:175–183.

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White, H. B., T. L. Hiller, G. R. Batchellor, **E. K. Boggess**, C. L. Brown, J. W. Butfiloski, T. A. Decker, **J. D. Erb**, M. W. Fall, D. A. Hamilton, J. F. Olson, and N. M. Roberts. Best management practices for trapping furbearers in the United States: Implications for animal welfare, capture efficiency, and selectivity related to restraining traps. Submitted to *Wildlife Monographs*.