

FOREST GROUP PUBLICATIONS – 2020

- Adkins, K., **C. L. Roy**, D. E. Anderson, and **R. Wright**. *In Revision*. Simulating strategic implementation of the Conservation Reserve Program to increase greater prairie-chicken abundance. *Journal of Wildlife Management*
- Adkins, K., **C. L. Roy**, D. E. Anderson, and **R. Wright**. 2019. Landscape-scale Greater Prairie-chicken Habitat Relations and the Conservation Reserve Program. *Journal of Wildlife Management* <https://doi.org/10.1002/jwmg.21724>
- Berg, S. S., **J. D. Erb**, V. T. Spaid, **P. L. Coy**, B. A. Sampson, J. R. Fieberg, T. W. Arnold, and J. D. Forester. *In Press*. The role of nearby large-diameter cavity trees in the selection of den sites by female fishers (*Martes pennanti*) in northern Minnesota. *Canadian Journal of Forest Research*
- Brennan, L. A., **A. N. Tri**, and Bruce G. Marcot, editors. 2019. *Quantitative Analysis in Wildlife Science*, Johns Hopkins Press. [doi:10.1353/book.67476](https://doi.org/10.1353/book.67476)
- Ditmer, M. A., F. Iannarilli, **A. N. Tri**, **D. L. Garshelis**, N. H. Carter. *In Revision*. Artificial night light accounts for observer bias in a citizen science-based project. *Journal of Animal Ecology*
- Erb, J.**, H. B. White, and C. Olfenbuttel. *In Review*. Harvest data collection. *In* T. Hiller, ed. *Wild furbearer management and conservation in North America*. Wildlife Ecology Institute, Missoula, MT.
- Franzen-Klein, D., M. Jankowski, **C. L. Roy**, H. Nguyen-Phuc, D. Chen, L. Neuman-Lee, P. Redig, and J. Ponder. 2020. Evaluation of Neurobehavioral Abnormalities and Immunotoxicity after Oral Imidacloprid Exposure in Domestic Chickens (*Gallus gallus domesticus*). *Journal of Toxicology and Environmental Health, Part A: Current Issues*. <https://doi.org/10.1080/15287394.2020.1723154>
- Garshelis, D. L.**, K. V. Noyce, M. A. Ditmer, **P. L. Coy**, **A. N. Tri**, T. G. Laske, and P. A. Iazzo. 2020. Remarkable adaptations of the American black bear help explain why it is the most common bear: A long-term study from the center of its range. pp. 53–62 *In* V. Penteriani and M. Melletti, Editors. *Bears of the world: Ecology, Conservation, and Management*.
- Johnson-Bice, S. M., J. M. Ferguson, **J. D. Erb**, T. D. Gable, and S. K. Windels. *In Press*. Ecological forecasts reveal limitations of common model selection methods: predicting changes in beaver colony densities. *Ecological Applications*.
- LaFond, L. R., J. E. House, S. J. Adams, D. L. Guelda, and **C. L. Roy**. *In Press*. Freezing mortality of faucet snails, *Bithynia tentaculata*: a viable method for equipment decontamination to reduce aquatic invasive species spread. *Management of Biological Invasions*.
- Obermoller, T. R.**, **G. D. DelGiudice**, and W. J. Severud. 2019. Maternal behavior indicates survival and cause-specific mortality of moose calves. *Journal of Wildlife Management* 83:790–800

- Petersen, M. K., Foley, A. M., **Tri, A. N.**, D. G. Hewitt, R. W. DeYoung, C. A. DeYoung, and T. A. Campbell. *In Press*. Mark-Recapture Distance Sampling for Aerial Surveys of Ungulates on Rangelands. *Wildlife Society Bulletin*.
- Roy, C. L., J. Berdeen**, and M. Clark. 2019. A demographic model for ring-necked ducks breeding in Minnesota. *Journal of Wildlife Management* 83(8): 1720-1734.
<https://doi.org/10.1002/jwmg.21756>
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- Roy, C. L., J. H. Giudice**, and **C. Scharenbroich**. 2020. An evaluation of cantus-call and pellet surveys for Spruce Grouse (*Falci pennis canadensis canace*) at the southern extent of the range. *Journal of Field Ornithology* 91(1): 44-63 <https://doi.org/10.1111/jfo.12323>
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- ***Roy, C. L.**, and A. Gregory. 2019. 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.**, M. Jankowski, J. Ponder, and D. Chen. 2020. Sub-lethal and lethal methods to detect recent imidacloprid exposure in birds with application to field studies. *Environmental Toxicology and Chemistry*, Available in Early View <https://doi.org/10.1002/etc.4721>
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White, H. B., G. R. Batchellor, E. K. Boggess, C. L. Brown, J. W. Butfiloski, T. A. Decker, **J. D. Erb**, M. W. Fall, D. A. Hamilton, T. L. Hiller, M. J. Lovallo, J. F. Olson, and N. M. Roberts. *In Revision*. Development and implementation of best management practices for furbearer trapping in the United States. Wildlife Monographs.