

Recent Publications

- Barkley, E. P., J. R. Malcolm, S. M. Smith, and M. I. Belloq.** 2016. Does variable stand structure in the central Nearctic boreal forest associated with multi-cohort management support diversity in ground beetle (Coleoptera, Carabidae) communities? **Journal of Forestry Research** 4:1-12.
- Norghauer, J. M., C. M. Free, R. M. Landis, J. Grogan, J. R. Malcolm, S. C. Thomas, and B. L. Zimmerman.** 2016. Herbivores limit the population size of big-leaf mahogany trees in an Amazonian forest. **Oikos** 125:137–148.
- Gompper, M. E., D. Lesmeister, J. C. Ray, J. R. Malcolm, and R. Kays. 2016. Differential habitat use or intraguild interactions: what structures a carnivore community? **PLoS ONE** 11(1):1-18 (e0146055).
- Venier, L. A., I. Thompson, R. Fleming, J. R. Malcolm, I. Aubin, J.A. Trofymow, D. Langor, R. Sturrock, C. Patry, R.O. Outerbridge, S.B. Holmes, S. Haeussler, L. De Grandpré, H. Chen, E. Bayne, A. Arsenault, and J. P. Brandt. 2014. Effects of natural resource development on the terrestrial biodiversity of Canadian boreal forests. **Environmental Reviews** 22: 457-490.
- Boan, J. J., J. R. Malcolm, and B. E. McLaren. 2014. Forest overstorey and age as habitat? Detecting the indirect and direct effects of predators in defining habitat in a harvested boreal landscape. **Forest Ecology and Management** 326:101-108.
- Boan, J. J., B. E. McLaren, and J. R. Malcolm. 2013. Predicting non-inventoried forest elements using forest inventory data: the case of winter forage for woodland caribou. **Ecoscience** 20:1-11.
- Burrell, M. V. A., J. R. Malcolm, and P. Drapeau.** 2013. Multicohort stand structure as a coarse filter of variation in mixedwood boreal bird communities. **Forestry Chronicle** 89:37-49.
- Kuttner, B., J. R. Malcolm, and S. M. Smith.** 2013. Multi-cohort stand structure in boreal forests of northeastern Ontario: relationships with forest age, disturbance history, and deadwood features. **Forestry Chronicle** 89:1-13.
- Cross, M. S., E. S. Zavaleta, D. Bachelet, M. L. Brooks, C. A. F. Enquist, E. Fleishman, L. Graumlich, C. R. Groves, L. Hannah, L. Hansen, G. Hayward, M. Koopman, J. J. Lawler, J. R. Malcolm, J. Nordgren, B. Petersen, E. L. Rowland, D. Scott, S.L. Shafer, M. R. Shaw, and G. M. Tabor. 2012. The Adaptation for Conservation Targets (ACT) framework: a tool for incorporating climate change into natural resource management. **Environmental Management** 50:341–351.
- Richmond, S., E. Nol, D. Burke, and J. R. Malcolm.** 2012. Effects of single-tree selection harvesting on Rose-breasted Grosbeak (*Pheucticus leudovicianus*) demography in a northern hardwood forest. **Forest Ecology and Management** 276: 24-32.
- Vanderwel, M. C., J. R. Malcolm, and J. P. Caspersen.** 2012. Using a data-constrained model of home range establishment to predict abundance in spatially heterogeneous habitats. **PLoS ONE** 7(7): 1-11.
- Fischer, A.L., J.-M. Moncalco, J. N. Klironomos, and J. R. Malcolm. 2012. Fruiting body and molecular rDNA sampling of fungi in woody debris from logged and unlogged boreal forests in northeastern Ontario. **Ecoscience** 19: 374-390.
- Chaundy-Smart, R. F., S. M. Smith, J. R. Malcolm, and M. I. Belloq. 2012. Comparison of moth communities following clear-cutting and wildfire disturbance in the southern boreal forest. **Forest Ecology and Management** 270:273-281.

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