

Andrea Kortello

INTERMEDIATE ECOLOGIST

Poisson Consulting Ltd

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Background

Andrea Kortello RPBio is an Intermediate Ecologist with Poisson Consulting Ltd specializing in conservation ecology, data collection and technical writing. She has published 9 peer reviewed papers.

Education

2005	MSc. in Wildlife Resources	University of Idaho
1995	BA in Ecology	University of Calgary

Career

2022	Intermediate Ecologist	Poisson Consulting Grylloblatta
2012	Senior Wildlife Biologist	Ecological Consulting
2010	Resource Management and Public Safety Specialist	Parks Canada
2006	Environmental Assessment Scientist	Parks Canada
1998	Wildlife Biologist	Independent

Recent Projects

Cutthroat Trout Population Monitoring in Grave and Harmer Creeks and the Upper Fording River (2021 - on-going)

Report writing for analysis estimating abundance, growth, survival and body condition of Cutthroat Trout.

Wolverine Dens in the Kootenay Region (2019 - ongoing)

Study design, field work, data analysis and reporting to identify critical reproductive denning habitat for wolverine.

Wolverine Population Inventory in the Kootenay Region (2012 - 2019)

Study design, field work, data analysis, reporting and publication for large scale non-invasive wolverine inventory and distribution analysis.

Key Publications

1. Mowat, G., Clevenger, A. P., Kortello, A. D., Hausleitner, D., Barrueto, M., Smit, L., Lamb, C., DorsEy, B., & Ott, P. K. (2020). The Sustainability of Wolverine Trapping Mortality in Southern Canada. *The Journal of Wildlife Management*, 84(2), 213–226. <https://doi.org/10.1002/jwmg.21787>
2. Kortello, A. D., & Ham, S. J. (2010). Movement and habitat selection by *Argia vivida* (Hagen) (Odonata, Coenagrionidae) in fuel-modified forest. *Journal of Insect Conservation*, 14(2), 133–140. <https://doi.org/10.1007/s10841-009-9233-2>
3. Lucid, M., Cushman, S., Robinson, L., Kortello, A., Hausleitner, D., Mowat, G., Ehlers, S., Gillespie, S., Svancara, L. K., Sullivan, J., Rankin, A., & Paetkau, D. (2020). Carnivore Contact: A Species Fracture Zone Delineated Amongst Genetically Structured North American Marten Populations (*Martes americana* and *Martes caurina*). *Frontiers in Genetics*, 11, 735. <https://doi.org/10.3389/fgene.2020.00735>
4. Fisher, J. T., Murray, S., Barrueto, M., Carroll, K., Clevenger, A. P., Hausleitner, D., Harrower, W., Heim, N., Heinemeyer, K., Jacob, A. L., Jung, T. S., Kortello, A., Ladle, A., Long, R., MacKay, P., & Sawaya, M. A. (2022). Wolverines (*Gulo gulo*) in a changing landscape and warming climate: A decadal synthesis of global conservation ecology research. *Global Ecology and Conservation*, 34, e02019. <https://doi.org/10.1016/j.gecco.2022.e02019>

5. Kortello, A., Hausleitner, D., & Mowat, G. (2019). Mechanisms influencing the winter distribution of wolverine *Gulo gulo luscus* in the southern Columbia Mountains, Canada. *Wildlife Biology*, 2019(1). <https://doi.org/10.2981/wlb.00480>
6. Kortello, A. D., Hurd, T. E., & Murray, D. L. (2007). Interactions between cougars (*Puma concolor*) and gray wolves (*Canis lupus*) in Banff National Park, Alberta. *Ecoscience*, 14(2), 214–222. [https://doi.org/10.2980/1195-6860\(2007\)14%5B214:IBCPCA%5D2.O.CO;2](https://doi.org/10.2980/1195-6860(2007)14%5B214:IBCPCA%5D2.O.CO;2)
7. Knopff, K. H., Knopff, A. A., Kortello, A., & Boyce, M. S. (2010). Cougar Kill Rate and Prey Composition in a Multiprey System. *The Journal of Wildlife Management*, 74(7), 1435–1447. <https://doi.org/10.1111/j.1937-2817.2010.tb01270.x>
8. Pritchard, G., Harder, L. D., Kortello, A., & Krishnaraj, R. (2000). The response of larval growth rate to temperature in three species of coenagrionid dragonflies with some comments on *Lestes disjunctus* (Odonata: Coenagrionidae, Lestidae). *International Journal of Odonatology*, 3(2), 105–110. <https://doi.org/10.1080/13887890.2000.9748141>
9. Pritchard, G., & Kortello, A. (1997). Roosting, perching, and habitat selection in *Argia vivida* hagen and *Amphiagrion abbreviatum* (selys) (Odonata: Coenagrionidae), two damselflies inhabiting geothermal springs. *The Canadian Entomologist*, 129(4), 733–743. <https://doi.org/10.4039/Ent129733-4>