



Kim Poole, M.Sc., RPBio

Certified Wildlife Biologist

Aurora Wildlife Research

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I am a professional biologist (Registered Professional Biologist; RPBio) and Certified Wildlife Biologist (The Wildlife Society) with 30 years of experience in the public and private sectors throughout western Canada, with extensive experience in the NWT/Nunavut and British Columbia. I have demonstrated expertise in the areas of wildlife inventory, and wildlife habitat assessment, identification and mitigation of environmental impacts related to the forestry, mining, and tourism industries. I have worked on a number of environmental impact assessments in NWT/Nunavut and British Columbia since 2004. I have strong experience in study design, data analysis, and report writing, as demonstrated in 50 refereed journal articles and well over 100 technical reports.

Experience:

2000 – present **Aurora Wildlife Research, Nelson, B.C.**
Wildlife Biologist and Principal Owner

Selected contracts:

- * Wildlife discipline co-lead – Environmental assessment of proposed Izok Corridor Project, West Kitikmeot, Nunavut; Charlotte Mougeot, MMG Resources;
- * Assessment of the proposed Bathurst Island National Park for Peary caribou; Christian Bucher, Parks Canada;
- * Status reports for Peary caribou, Dolphin and Union caribou, and barren-ground caribou, Joanna Wilson, NWT Environment and Natural Resources;
- * Review of environmental impact assessments for Qikiqtani Inuit Association (Baffinland), Kivalliq Inuit Association (Kiggavik), and Yellowknives Dene First Nation (Gaucho Kue);
- * Wildlife discipline lead – Environmental assessment of MMG proposed Izok and High Lake mines, West Kitikmeot, Nunavut; Charlotte Mougeot, MMG Resources;
- * Review of caribou movements, proposed East Arm Nat. Pk., Cam Zimmer, Parks Canada;
- * Ahiak caribou survey 2010, Judy Williams, NWT Environment and Natural Resources;
- * Lead author on the BC mountain goat management plan, Gerry Kuzyk, BC Environment;
- * Assessment of Dolphin and Union caribou movements, Nunavut; Mathieu Dumond, DoE, Gov't of Nunavut;
- * Assessment of Bathurst caribou calving occupancy, NWT/Nunavut; David Livingstone, DIAND, Yellowknife;
- * Director – Independent Environmental Monitoring Agency (for the Ekati diamond mine, NWT);
- * Assessment of caribou protection measures, Janice Traynor, DIAND;
- * Wildlife discipline lead – Environmental assessment of Commerce Resources' proposed Blue River mine, North Thompson, B.C.; Charlotte Mougeot, Gartner Lee Ltd.;
- * Assessment of the aerial survey monitoring program for caribou at the Ekati diamond mine, NWT; Chris Hanks, BHP Billiton;
- * Environmental assessment of the proposed Taltson transmission line to Snap Lake, NWT; Tom Vernon, NTPC;

1997 – 2000 **Timberland Consultants Ltd., Nelson, B.C.**
Wildlife Research Biologist

1987 – 1997 **Department of Renewable Resources, Yellowknife, NWT**
Furbearer Biologist

May – Aug **Department of Renewable Resources, Yellowknife, NWT**
 1984 – 1986 *Raptor Biologist*

1981 – 1984 **Department of Renewable Resources, Yellowknife, NWT**
Wildlife Management Biologist

Education:

1984 – 1987 **Master of Science in Ecology, University of Alberta, Edmonton, Alberta**

1975 – 1981 **Bachelor of Science in Wildlife Biology, University of Guelph, Guelph, Ontario**

Professional Memberships:

College of Applied Biology, British Columbia
 The Wildlife Society

Refereed Publications (selected):

- Boulanger, J., K.G. Poole, A. Gunn, and J. Wierzchowski. 2012. Estimating the zone of influence of industrial developments on wildlife: a migratory caribou and diamond mine case study. *Wildlife Biology* 18:164-179.
- Gunn, A., K.G. Poole, and J.S. Nishi. 2012. A conceptual model for migratory tundra caribou to explain and predict why shifts in spatial fidelity of breeding cows to their calving grounds are infrequent. *Rangifer*, Special Issue No. 20:259-267.
- Poole, K.G., D.M. Reynolds, G. Mowat, and D. Paetkau. 2011. Estimating mountain goat abundance using DNA from fecal pellets. *Journal of Wildlife Management* 75:1527-1534.
- Poole, K.G., A. Gunn, B.R. Patterson, and M. Dumond. 2010. Sea ice and migration of the Dolphin and Union caribou herd in the Canadian Arctic: an uncertain future. *Arctic* 63:414-428.
- O'Donoghue, M., B.G. Slough, K.G. Poole, S. Boutin, E.J. Hofer, G. Mowat, and C.J. Krebs. 2010. Cyclical dynamics and behaviour of Canada lynx in northern Canada. Pages 521-536 *in* *Biology and conservation of wild felids*. Edited by D.W. Macdonald and A.J. Loveridge. Oxford University Press.
- Mountain Goat Management Team. 2010. Management plan for the mountain goat (*Oreamnos americanus*) in British Columbia. Prepared for the B.C. Ministry of Environment, Victoria, BC. (K.G. Poole lead author)
- Poole, K.G., K. Stuart-Smith, and I.E. Teske. 2009. Wintering strategies by mountain goats in interior mountains. *Canadian Journal of Zoology* 87:273-283.
- Poole, K.G., R. Serrouya, and K. Stuart-Smith. 2007. Moose calving strategies in interior montane ecosystems. *Journal of Mammalogy* 88:139-150.
- Poole, K.G., and K. Stuart-Smith. 2006. Winter habitat selection by female moose in western interior montane forests. *Canadian Journal of Zoology* 84:1823-1832.
- Poole, K.G., and G. Mowat. 2005. Winter habitat relationships of deer and elk in the temperate interior mountains of British Columbia. *Wildlife Society Bulletin* 33:1288-1302.
- Mowat, G., D.C. Heard, D.R. Seip, K.G. Poole, G. Stenhouse, and D.W. Paetkau. 2005. Grizzly and black bear densities in the interior mountains of North America. *Wildlife Biology* 11:41-58.
- Poole, K.G., A.D. Porter, A. de Vries, C. Maundrell, S.D. Grindal, and C.C. St. Clair. 2004. Suitability of a young deciduous-dominated forest for American marten and the effects of forest removal. *Canadian Journal of Zoology* 82:423-435.
- Poole, K.G., G. Mowat, and D.A. Fear. 2001. DNA-based population estimate for grizzly bears *Ursus arctos* in northeastern British Columbia, Canada. *Wildlife Biology* 7:105-115.