

BC OGRIS Project Profile

Project Name:	Purchase, Deployment and Maintenance of Moose Collars to Support UNBC Research (year 3)
Project Number:	BCIP-2016-08 (formerly BCIP-2014-10)
Proponent:	Ministry of Forests, Lands and Natural Resource Operations
SCEK Funding Envelope:	Boreal Caribou
Timeframe:	July 31, 2016 to March 31, 2017

Project objectives

The objectives of this project in year 3 are to maintain up to 60 radio-collars on moose in northeast BC, and to collect information on moose populations. The information will be used to support research by the University of Northern British Columbia (UNBC), focused on understanding the distribution and abundance of moose and wolves in relation to habitat characteristics and anthropogenic features, and how they affect caribou survival.

Project description

In year 3, the project involves conducting investigations of any moose mortality events, including collection and subsequent analysis of tissue samples.

Telemetry data from the collars will be provided to the University of Northern BC to support their research activities into the survival of boreal caribou in relation to the abundance and distribution of moose and wolves.

Additional surveys of moose populations may be carried out to support the UNBC and REMB research activities.

Project approach

This project will involve the following:

- Monitoring telemetry data and retrieving radio-collars, as required, due to malfunction, mortality or other reasons the collars fail to perform as required;
- Conducting investigations of collars indicating a mortality has occurred;
- Additional surveys as necessary to support the UNBC and REMB research efforts.

Project deliverables

The deliverables from this project include the following:

1. Project (Year 3) Report—summarizing the activity conducted during the year including an executive summary, background, methodology, collars deployed (by study area), observations (location and outcomes of captures by study area, incidental observations and monitoring), discussion, conclusions and recommendations.
2. Survey Report—describing the results of any moose mortality investigations carried out.