

SCEK Project Profile

Project Name:	Boreal Caribou Inventory and Habitat Analysis
Project Number:	BCIP-2013-01-01
Proponent:	Diversified Environmental Services
SCEK Funding Envelope:	Boreal Caribou
Timeframe:	December 10, 2012 to March 31, 2013

Project objectives

The objective of this project is to deploy approximately 25 GPS and 130 VHF radio-collars on Boreal Caribou. The information will be used to support research projects under the Boreal Caribou Implementation Plan (BCIP)—specifically:

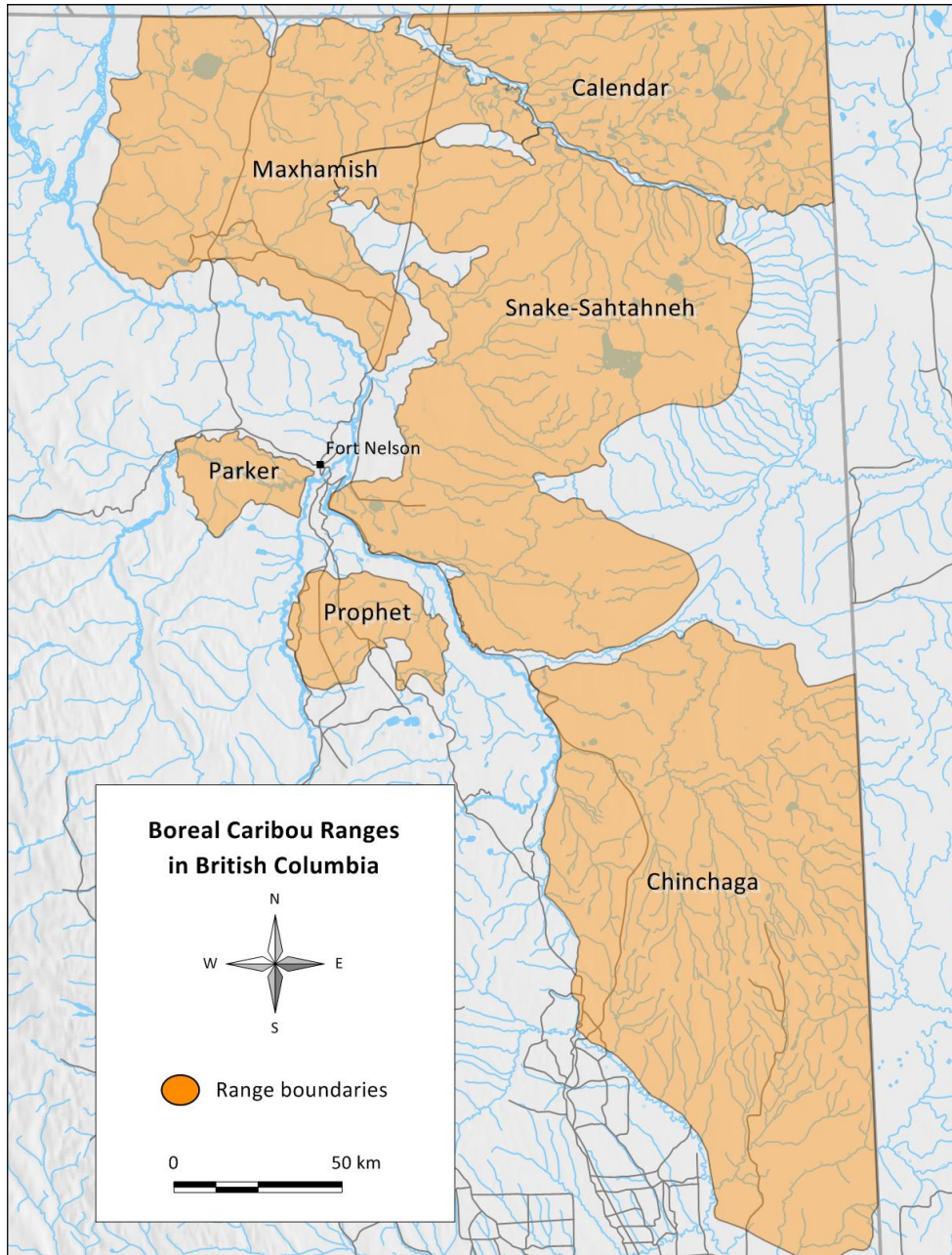
1. Collecting baseline inventory data on the demographic trends of Boreal Caribou populations in BC; and
2. Determining habitat use by Boreal Caribou in specified areas.

Project description

The table below illustrates the number and type of collars planned for deployment by caribou herd:

Collar type	Calendar	Chinchaga	Maxhamish	Prophet	Parker	Snake-Sahtaneh
GPS	10	10				5
VHF	30	25	20	10	10	35

The map on the following page shows the general location of each of these caribou herds.



Project approach

This project will involve the following:

- Deploying radio-collars on Boreal Caribou in the North East area of BC using net guns from a helicopter;
- Obtaining blood and hair samples from each Boreal Caribou installed with a radio-collar;
- Following animal care guidelines specified by the BC Government’s Provincial Veterinarian— including injecting an anti-inflammatory drug into each animal; and

- Completing a data card with the GPS location of each capture site along with additional information—such as herd affiliation, estimate of caribou’s age and condition.

Project deliverables

The deliverables from this project include the following:

1. Final Project Report—summarizing the collaring activity 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.