

2019-20 Approved Projects in the Omineca-Peace Region

Project Name	Project #	Project Description	Grant Amount	Project Leader Contact Information
Fisheries O&M - Peace	7-98	Operation & maintenance of HCTF-funded projects and assets will include winter aeration of Inga and Sundance Lakes, educational trips to the Inga Lake spawning channel, Swan Lake fishway maintenance and Stewart Lake weir maintenance.	\$22,000.00	Michel Lavallee MFLNRORD 250-787-3324 michel.lavallee@gov.bc.ca
Enhancing caribou survival within the Klinse-Za/Scott herds	7-436	This will be Year 6 of the maternal penning project that is used as one of several complementary emergency measures implemented to avert extirpation, and eventually recover, the population of caribou known as the Klinse-Za/Scott herds located in the south Peace region of northern British Columbia.	\$62,871.00	Pending proponent change – please contact HCTF for further information
Monitoring Plan for the Mountain Goat in the Omineca Region	7-451	The most recent status assessment in BC (2015) up-listed mountain goats from Yellow/Secure to Blue/Special Concern to reflect the sensitivity and current vulnerability of goat populations to both natural events or human activities within their range. The current population status for mountain goat populations in the Omineca region is unknown, increasing the risk that population objectives are not being met. This 5 year population assessment will help determine population estimates for mountain goats in areas where harvest densities are high to ensure that current hunting strategies are sustainable.	\$31,000.00	Michael Klaczek MFLNRORD 250-614-7456 michael.klaczek@gov.bc.ca
Tuchodi Prescribed Burns for Wildlife Habitat	7-469	The Tuchodi Prescribed Burn Program seeks to support critical winter range for multiple ungulate species in northern British Columbia by improving the quantity and nutritional quality of forage in winter range habitats. By restoring early-seral habitats and rejuvenating mid-seral habitats, the program will ensure the long-term sustainability of ungulate populations, maintain hunting and recreational opportunities, and support traditional use of wildlife by First Nations.	\$55,450.00	Alicia Woods Ridgeline Wildlife Enhancement 250-262-9630 adwoods04@gmail.com

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Determining the Nutritional Importance of Kokanee to Grizzly Bears	7-471	Through non-invasive hair collection methods, we aim to determine the nutritional importance of kokanee to grizzly bears in north-central BC. Diet composition and kokanee consumption will be assessed to provide insight into potential physiological implications of decreasing kokanee availability to these grizzly bear populations in light of habitat and climate change.	\$32,370.00	Shelley Marshall MFLNRORD 250-614-7458 shelley.marshall@gov.bc.ca
Etthithun Wood Bison Herd Monitoring	7-472	This project will provide basic population information on the Etthithun herd population of wood bison by collaring about 10% of the estimated population, monitoring survival and reproduction. Biological samples will also be taken for disease testing and health sampling.	\$43,550.00	Audrey Gagen-Delorme MFLNRORD 250-787-3289 Audrey.gagnedelorme@gov.bc.ca
Wolf predation risk to moose in north-central BC	7-473	This project investigates seasonal wolf predation risk to moose in two of the provincial moose research project study sites. We track kill sites of up to 10 wolf packs in each site by deploying satellite collars and checking location clusters for evidence and type of prey killed, while also determining space use parameters and resource selection.	\$82,100.00	Morgan Anderson MFLNRORD 250-614-7419 Morgan.Anderson@gov.bc.ca
Chase Caribou Herd Response to Extensive Habitat Alterations	7-475	This project will assess the potential impacts of recent large-scale habitat alterations caused by damaged forests (wildfire and mountain pine beetle) on the population stability of the Chase caribou herd. We will contrast current population parameters to population parameters of the herd prior to recent disturbance.	\$69,999.00	Krista Sittler Wildlife Infometrics Inc. 250-997-5700 krista.sittler@wildlifeinfometrics.com
KlinseZa/Scott East Caribou Maternal Pen Health Evaluation	7-496	Emergency recovery measures have led to improved outcomes for the demographics of the threatened Klinse-Za herd in north-central BC, but the effects of this intensive and invasive management on individual and herd health have just begun to be investigated. In this 2nd year, we propose to submit 2019 penning samples for labwork, analyze the laboratory results, and interpret the findings; in the third year, to submit a peer-reviewed publication.	\$22,658.00	Pending proponent change – please contact HCTF for further information

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Sharp-tailed Grouse Population and Lek Habitat Monitoring	7-507	This project will re-initiate the monitoring of sharp-tailed grouse populations in the North and will quantify habitat characteristics of lek sites. Results of this project will contribute to management of the species and provide guidance to industrial proponents to minimize impacts to sharp-tailed grouse.	\$29,373.00	Alicia Woods Ridgeline Wildlife Enhancement 250-262-9630 adwoods04@gmail.com
Impacts of industrial herbicides on wildlife: Omineca case study	7-512	This project seeks to a) clarify the repertoire of risks that herbicides used in forests may impose on native wildlife, and to b) appraise those risks through laboratory analyses of understory plants exposed to glyphosate-based herbicides across a range of years. We seek HCTF funds to cover professional laboratory analysis of glyphosate residues and derivatives, metals concentrations, and digestible energy contained in several common moose forage species.	\$35,008.00	Jeffery Werner MFLNRO 250-614-7479 Jeffery.werner@gov.bc.ca
Linking forest condition, heat stress, and moose health	7-513	Moose cope poorly with heat and must seek thermal shelter during periods of heat stress. However, recourse to thermal shelter logically requires that it be in sufficient supply. The purpose of this study is to investigate the thermal environment in a region where Mountain Pine Beetle salvage logging has radically shifted the landscape to an early-seral condition. Operative temperature will be measured in common forest types to determine the a) gravity of thermal stress in this landscape and b) extent to which it is under management control.	\$13,150.00	Jeffery Werner MFLNRORD 250-614-7479 Jeffery.werner@gov.bc.ca
Implications of bear demography on recovery of the Klinse-Za caribou herd	7-516	This seed project will result in a collaboratively developed, multi-year funding proposal to address information gaps in black and grizzly bear demography, distribution, and diets; particularly in relation to the implementation of caribou recovery measures in the Klinse-Za caribou herd.	\$5,000.00	Alicia Woods Ridgeline Wildlife Enhancement 250-262-9630 alicia.woods@wildlifeinfometrics.com
Evaluating elk population trend, habitat use, and potential for competition with moose in the southern central Omineca	7-518	Female elk will be collared in the southern Omineca around Prince George and monitored to determine survival rate, calf recruitment and population trends as baseline information. Resource selection will determine habitat use to inform elk management regionally where extensive mountain pine beetle salvage has occurred. Collared elk will allow regional staff to develop a refined sightability correction factor to facilitate accurate abundance estimates.	\$61,715.00	Matt Scheideman MFLNRORD 250-565-6135 Matt.scheideman@gov.bc.ca

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Canada Lynx habitat ecology on an intensively harvested landscape.	7-519	Using a combination of GPS collars and non-invasive survey techniques we will investigate the habitat ecology and population status of Canada lynx in an intensively harvested landscape in central BC. The aim of this study is to provide applied recommendations for habitat and species management as well as improve monitoring methods for Canada lynx in a rapidly changing landscape.	\$60,580.00	Shannon Crowley Ecological Monitoring Coordinator 778-978-0117 crowley@unbc.ca
Northern Myotis Maternal Roost Study	7-522	Locate and describe biophysical attributes of maternal colonies of the federally endangered northern myotis (often multiple trees within a geographic area) through capture and radio telemetry to inform 1) understanding and identification of critical habitat as recommended in the species recovery strategy 2) contribute to the develop of a habitat management tool for industry 3) provide information to contribute to WHA designation should the re-assessment of Identified Wildlife include northern myotis, 4) contribute to mitigation for habitat loss such as creation of wildlife habitat trees with collaborators.	\$22,930.00	Brian Paterson Zonal Ecosystem and Wildlife Consultants Inc. 250-731-6028 bapaterson@gmail.com
Little Bobtail Wildfire Ecosystem Restoration Plan – Riparian Planting	7-523	The Society for Ecosystem Restoration in Northern BC (SERNBC) has identified an opportunity to improve riparian ecosystem functioning impacted by the Little Bobtail wildfire in 2015. As part of a broader Ecosystem Restoration Plan (ERP) already completed, this project seeks to plant 37,000 trees across 48 hectares of burned riparian areas critical to local fish and wildlife populations.	\$21,672.00	John Degagne SERNBC 250-567-6316 John.degagne@gov.bc.ca
CHRF Black Creek / Pickell Creek Area	7-526	This restoration project is designed to benefit the Chinchaga herd by restoring legacy seismic lines.	\$184,730.00	Jane Calvert Blueberry River First Nations 250-630-2584 jcalvert@blueberryfn.ca
CHRF Amoco Road Restoration	7-528	This restoration project is designed to benefit the Moberly (Klinse-Za) and Scott herds using functional restoration treatments on a road built for oil and gas exploration.	\$98,841.00	Nìkanêse Wah tzee Stewardship Society

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CHRF Kotcho Lake Restoration Area	7-529	This project is designed to benefit the Snake-Sahtahneh caribou herd by limiting predator use of legacy seismic lines and using re-vegetation to increase habitat suitability for caribou.	\$257,950.00	Katherine Capot-Blanc Acting Lands Manager 250-774-6313 katherine.capotblanc@fnation.ca
CHRF Caribou Flats	7-531	Designed to benefit Chase herd by restoring 10 km of forestry roads using functional and ecological restoration techniques.	\$158,648.00	Sean Rapai Chu Cho Environmental LLP Sean@chuchoenvironmental.com 226 203 0703



Project 7-473: Wolf Predation Risk to Moose in North-Central BC

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