



7-540: Prescribed Burns for Wild Sheep Enhancement in Northeastern BC



HABITAT  
CONSERVATION TRUST  
FOUNDATION

# 2023-2024 Approved Project List

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Projects highlighted in **green** are co-funded by the Forest Enhancement Society of BC



## Approved Projects Taking Place in Multiple Regions

Project Name	Project #	Project Description	Grant Amount *	Contact Information
BC's Family Fishing Weekend	0-229	BC's Family Fishing Weekend is an annual fishing license free weekend (non-tidal and tidal) on the Father's Day weekend occurring June 16-18, 2023. The FFSBC supports the delivery of approximately 50 free fishing events on the Family Fishing Weekend, which reach over 10,000 participants annually and are designed to introduce youth and their families to fishing, increase environmental awareness, and appreciation of aquatic resources across BC.	\$15,000	Mike Gass Freshwater Fisheries Society of BC 604-302-6235 Mike.Gass@gofishbc.com
NatureKids BC: Nature Clubs Project	0-398	NatureKids BC's Nature Club Project builds the next generation of outdoor enthusiasts and lifelong environmental stewards through a strategy of youth engagement and action. This year, youth ages 5-12 in nature clubs across BC will build knowledge and awareness of fish, wildlife and their habitats with over 1,200 outdoor adventures, learning opportunities, and stewardship experiences.	\$38,023	Rebecca Law Young Naturalists' Club of BC Society (NatureKids BC) 604-220-6756 executivedirector@naturekidsbc.ca
Lower Fraser White Sturgeon Recreational Fishery Monitoring	0-406	This project will continue to monitor guided and non-guided recreational catch and effort of white sturgeon in the lower Fraser River watershed. The project involves the distribution and assessment of annual fishery questionnaires to licensed sturgeon anglers as well as analysis of guided angler catch and effort census data. Data are combined to give estimates of total white sturgeon catch and effort and angler demographics for the lower Fraser, as well as track white sturgeon conservation license statistics over time. Results are used by fishery managers to monitor catch and effort trends in the fishery as well as provide critical information on the socio-economic benefits of the fishery and impacts of potential angling regulation changes.	\$1,000	Colin Schwindt Ministry of Water, Land and Resource Stewardship 778-572-2180 colin.schwindt@gov.bc.ca
Conservation Land Operations and Management	0-451	This program provides funding to assist with the operation and management of approximately 115 significant wildlife habitat areas across British Columbia, overseen by the Nature Trust of BC or the Ministry of Forest, Lands and Natural Resource Operations and Rural Development.	\$707,995	Christina Waddle Ministry of Water, Land and Resource Stewardship 250 356-7669 Christina.Waddle@gov.bc.ca
BC Wild Sheep Conservation and Movement Control Program	0-466	This internationally respected multi-stakeholder program is focused on finding effective long-term solutions to a controversial wildlife health issue. For over 20 years, the program has developed innovative outreach/education projects, piloted new techniques, and applied research in the management of wild sheep respiratory disease. Each of the partner projects are driven by the need to fill knowledge gaps and encourage collective learning with the overall goal of supporting provincial policy to solve the problem of pathogen spillover from domestic sheep and goats to wild sheep across BC.	\$51,260	Jeremy Ayotte Phyla Biological Consulting Inc. 250-804-3513 jeremy.ayotte@gmail.com

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Project Name	Project #	Project Description	Grant Amount *	Contact Information
Grizzly Bear Coexistence Solutions	0-467	This project provides practical solutions to meet the challenge of recovering grizzly bear populations overlapping with rural agricultural areas in low elevation habitats in BC. Grizzly bear conflicts create a real and perceived threat to rural BC residents and their property, and this project enables the change of social norms and behaviours to prevent and mitigate such conflicts while increasing human and bear safety. This work builds on prior established successes and focuses on mentorship to meet the goal of improved grizzly bear-human coexistence in the province.	\$19,500	Gillian Sanders Sanders Environmental Services 250-353-1137 grizzlybearsolutions@gmail.com
Got Bats? B.C. Community Outreach, Conservation and Citizen Science	0-476	“Got Bats?” is a network of community bat projects across BC that promotes bat conservation through: 1) education and outreach to raise awareness of threats to bats and to recruit local bat stewards 2) detection, protection and monitoring of bat roosts 3) province-wide Citizen Science involvement to engage the public and detect population declines due to White-nose Syndrome and other threats 4) enhancement of habitat including installation of bat boxes Implemented by local, established stewardship organizations with direct landowner contacts in each region, the importance of this initiative has been widely recognized and supported by the BC Government and BC Bat Action Team.	\$80,960	Katie Calon BC Conservation Foundation 604-576-1432 kcalon@bccf.com
NABat, BatCaver, and Beyond: Protecting BC's Bats	0-511	White-nose syndrome, a fungal disease that has devastated bat populations in eastern North America, is spreading in the west. WCS Canada is leading implementation of the North American Bat Monitoring (NABat) and BatCaver Programs in BC with biologists, community scientists, and cavers to identify and monitor important bat habitats, and establish a reference point of species compositions and relative activity prior to the arrival of the disease.	\$77,762	Cori Lausen WCS Wildlife Conservation Society Canada 250-353-8204 Clausen@wcs.org
Protecting BC Bats: Probiotic Prophylaxis for White-Nose Syndrome	0-536	White-nose syndrome (WNS) is spreading in the Pacific Northwest and the two most common building-roosting bats are now experiencing the highest mortality of any of the 13 hibernating bat species. If unchecked, this disease is expected to devastate some western bat populations as it has in the east over the past decade. WCS Canada, partnering with Thompson Rivers and McMaster universities, is seeking to protect significant maternity colonies in the Pacific Northwest through application (and field verification) of an anti-WNS probiotic.	\$62,302	Justina Ray WCS Wildlife Conservation Society Canada 416-850-9038 jray@wcs.org
Determining Factors Affecting Moose Population Change	0-541	This project will enable new and continued analysis on moose population trends and dynamics required for management decisions by assessing calf and cow survival rates and calving rates. These demographic parameters are primary drivers of population trend and key research gaps identified from the initial 5-year (2013-2017) Provincial Moose Research Project and the following 5 years of focused research (2018-2022).	\$50,000	Morgan Anderson Ministry of Forests 250-649-4392 morgan.anderson@gov.bc.ca

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Project Name	Project #	Project Description	Grant Amount *	Contact Information
Quality Waters Strategy - West Coast	0-545	This project focusses on the Classified Waters of Haida Gwaii. The work will include a River Guardian program to assess and enhance regulatory compliance of sport steelhead fisheries. Stock assessment will also be undertaken on the Yakoun River and an assessment of fishery impacts to cutthroat trout on the Tlell River.	\$30,000	Brendan Anderson Ministry of Forests 250-739-8211 Brendan.Anderson@gov.bc.ca
Invasive Mussel Lake Monitoring in the Columbia Shuswap Regional District	0-546	This project will undertake plankton tow sampling in lakes in the Columbia Shuswap region to monitor for the presence of invasive mussels.	\$33,730	Robyn Hooper Columbia Shuswap Invasive Species Society 855-785-9333 rhooper@columbiashuswapinvasives.org
Cougar Predation and Harvest in a Changing Landscape	0-567	This project will fit GPS-collars on 40 adult cougars to quantify their predation rates of mule deer and other ungulates, their movement behaviour, and link habitat supply to the sustainable harvest of cougars. The collar data inform provincial cougar management objectives and build on existing HCTF-funded projects to better examine the role of cougars in shaping prey distributions.	\$70,845	Adam Ford The University of British Columbia Okanagan 250-807-9773 adam.ford@ubc.ca
Stewardship Training Through Yellow Flag Iris Control Workshops	0-573	Yellow Flag Iris is a problematic aquatic invasive species, occurring in shallow water along the riparian edges of streams, marshes, lakes, and even marine environments. This project will educate and train land managers and stewards to treat and eradicate Yellow Flag Iris through the installation of benthic barriers and deep water cutting. This method has been proved to be an effective way to control Yellow Flag Iris without creating sedimentation or significantly harming native plant species.	\$24,000	Catherine Tarasoff Agrowest Consulting Scientists Ltd. 250-572-2132 catherine@agrowest.ca
Columbia Shuswap Invasives Restoration	0-587	The objective of the Columbia Shuswap Invasive Restoration project is to improve water quality through restoration and improvement of freshwater aquatic habitat degraded by invasive species, in Blanket Creek Provincial Park and through the removal of yellow flag iris in the Shuswap (approximately 2 hectares of shoreline). Important habitat will be restored by planting of 160+ indigenous shrubs and re-seeding, thereby improving natural infrastructure and freshwater quality, restoring important ungulate winter range and kokanee spawning habitat.	\$11,400	Robyn Hooper Columbia Shuswap Invasive Species Society 855-785-9333 rhooper@columbiashuswapinvasives.org
Chronic Wasting Disease Response and Management Strategies for BC	0-614	This project will synthesize Chronic Wasting Disease (CWD) response and management information from impacted jurisdictions and evaluate applied actions and outcomes. The results will be used to develop recommended actions for BC specific scenarios, informing evidence-based wildlife health management and providing added value to existing programs in support of CWD response and management planning, decision making and outreach.	\$25,000	Cait Nelson Ministry of Forests 250-751-3219 cait.nelson@gov.bc.ca

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## Approved Projects Taking Place in Multiple Regions

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Coastal Cutthroat Trout: Provincial Risk Assessment	0-617	This project will generate a Provincial Risk Assessment Report for coastal cutthroat trout (CCT) by synthesizing available information on CCT with input from a broad spectrum of knowledge experts to establish key biological attributes, status indicators, and risk rankings by population group. The purpose of this project is to elevate the profile of this important native fish, identify priority conservation concerns, provide guidance to regions seeking to deliver regional action plans aimed at protecting and managing CCT, and provide the basis from which a Provincial CCT Management Plan may be subsequently developed.	\$44,946	Brendan Anderson Ministry of Forests 250-739-8211 brendan.anderson@gov.bc.ca
Technical Support for White Sturgeon Conservation and Management	0-618	This project will support aligning technical approaches, data gaps, and conservation and management activities in White Sturgeon programs in the province, with a focus on the lower and middle Fraser River. These activities will inform the management planning process the Province is presently engaged in with First Nations, DFO, regional Provincial biologists and stakeholders.	\$9,800	Sarah Stephenson Ministry of Water, Land and Resource Stewardship 778-671-916 sarah.stephenson@gov.bc.ca
Water, Water, Everywhere: Transforming B.C.'s Wetland and Stream Restoration Prospects	0-619	This multi-year initiative has three main goals: to install a minimum of 100 small strategically placed wetlands with beaver dam analogs as a launch of the 10,000 Wetlands Initiative, to restore and enhance at least 18.4 ha of wetlands and 1.4 km of riparian habitat in selected sites around the province, and to refine decision making tools for management and stewardship of wetland habitats through the advancement of the Wetland Ecosystem Services Protocol (WESP) and province-wide improvements to wetland inventory.	\$100,000	Neil Fletcher The B.C. Wildlife Federation 604-882-9988 neil.fletcher@bcwf.bc.ca
BC Furbearer Tissue Bank	0-620	The BC Trappers Association has partnered with VIU and governments to create and deliver a tissue sampling program to proactively collect and store tissue and associated data, and facilitate and track research activities on the health of native furbearer species in BC. The program will collect samples and data, centralize, catalogue, store, and share tissue samples from seventeen native species which will provide guidance for on-the-ground habitat management and enhancement or restoration decisions or activities.	\$5,000	Jamie Gorrell BC Trappers Association 250-753-3245 Jamie.Gorrell@viu.ca



0-567: Cougar Predation and Harvest in a Changing Landscape.

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## Approved Projects in Region 1: Vancouver Island

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Fisheries O&M - Vancouver Island	1-72	Operation and maintenance of the aeration program at Glen Lake, flow augmentation in Sandhill Creek, inspection and maintenance of fishways located in the Gordon River and Colquitz Creek, and an Annual Dam Inspection at Keogh Lake.	\$14,510	Scott Silvestri Ministry of Forests 250 751-3128 Scott.Silvestri@gov.bc.ca
Georgia Basin Western Bluebird Reintroduction Project	1-538	By supporting the recovery of reintroduced Western Bluebirds through in-depth population monitoring and extensive nesting support, a local community is engaging in long-term Garry oak ecosystem stewardship with the goal of returning Western bluebirds to their historic range in the Salish Sea.	\$20,459	Jaquie Taylor BC Conservation Foundation 250-889-1892 jtaylorbluebird@gmail.com
Vancouver Island Small Lake Enrichment Program	1-644	In partnership with MOF and Freshwater Fisheries Society BC, the Vancouver Island Small Lake Enrichment Program provides unique kokanee salmon and rainbow trout for fisheries regionally. Through the addition of liquid nutrients, altered stocking regimes and modified angling regulations, this program has been shown to improve fish growth (sizes at age), and produce larger fish available for angling on Vancouver Island.	\$45,949	Jeramy Damborg BC Conservation Foundation 250-390-2525 jdamborg@bccf.com
Seasonal Habitat Supply for the Management and Restoration of Roosevelt Elk	1-675	This project will use fine-scale GPS-telemetry data from adult female Roosevelt elk to build models of seasonal habitat selection in the West Coast Region. This research will be used to validate expert-based winter habitat suitability indices, assess the effectiveness of Ungulate Winter Ranges, and inform the linkage between habitat supply and population management objectives.	\$45,000	Carl Morrison Ministry of Water, Land and Resource Stewardship 250-850-1798 carl.d.morrison@gov.bc.ca
EcoCultural Restoration of Vancouver Island Estuaries	1-684	This project will apply modified Indigenous fish weir techniques to prevent destructive herbivory by Canada geese in the Campbell River, K'omoks, Little Qualicum River, Englishman, and Nanaimo River Estuaries. By protecting remnant vegetation from continued overgrazing and transplanting habitat-forming Lyngbye's sedge, this project will restore estuary habitat that is of critical importance to the survival of juvenile salmonids. This estuary habitat is also of critical value for resident and migratory sea birds following the Pacific Flyway, and the habitat provides resistance to erosion and storm surge, and water purification for coastal communities through sediment trapping and nutrient cycling.	\$38,729	Tim Clermont Guardians of Mid Island Estuaries Society 250-327-2987 timclermont@shaw.ca
Reestablishing Vancouver Island Marmots in Strathcona Provincial Park	1-693	The Marmot Recovery Foundation will build and extend efforts to reintroduce Vancouver Island Marmots to Strathcona Provincial Park and create a self-sustaining population of the endemic mammal. Efforts will focus on translocations, food enhancement, monitoring, and potentially habitat restoration as guided by BC Parks.	\$52,470	Adam Taylor Marmot Recovery Foundation 250-390-0006 adam@marmots.org
Investigating Impacts of Ultraviolet Filters on the Cowichan River Ecosystem	1-713	This project will investigate ultraviolet filter (UVF) contamination within the Cowichan River watershed and its potential impacts on aquatic organisms. This project is also aimed at leading an education and outreach program to mitigate UVF inputs at high priority locations, and engaging relevant stakeholders and decision-makers to apply contamination mitigation strategies throughout the watershed.	\$10,359	Jamieson Atkinson BC Conservation Foundation 250-390-2525 jatkinson@bccf.com

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## Approved Projects in Region 1: Vancouver Island

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Ecosystem Restoration for Taylor's Checkerspot and Other Species at Risk in Garry Oak Ecosystems	1-721	The Taylor's Checkerspot butterfly project is a collaborative science-based, ecosystem restoration project. This is achieved through habitat enhancement, population reintroduction, and providing community engagement, stewardship opportunities, and public outreach for this butterfly species. This work benefits many of the other butterflies, bees, beetles and other pollinators, birds and plant species at risk within the endangered Garry Oak and associated ecosystems of southeastern British Columbia.	\$60,000	Jennifer Heron Ministry of Water, Land and Resource Stewardship 778-572-2273 Jennifer.Heron@gov.bc.ca
Lower Tranquil River Floodplain Restoration and Resiliency Program	1-722	Wild salmon and trout populations are declining from Southeast Alaska to Southern British Columbia; in Clayoquot Sound, the recent and sharp decline in salmonid populations is particularly acute. For Hl̓syaq̓l̓is (Tranquil Creek) the drastic decline is linked to habitat degradation caused by historic logging operations. This restoration project is part of a long-term holistic approach to rebuilding wild salmon and steelhead populations for the ̓laʔuukw̓iʔaḥ̓ (Tla-o-qui-aht) Nation.	\$92,000	Jessica Hutchinson Redd Fish Restoration Society 250-726-2424 jessica@clayoquot.org
Fishing and Natural Mortality of Cutthroat Trout in Cowichan Lake	1-728	This project uses acoustic telemetry and high reward tags to estimate fishing and natural mortality of wild cutthroat trout in one of Vancouver Island's most popular freshwater fishing destinations, Cowichan Lake. The results will provide information on the utilization of the lake by sub-adult and adult fish including spatial and temporal distribution, and mortality estimates will be used to support an evaluation of the regulations currently in place as well as alternative approaches.	\$91,804	Erin Rechisky Kintama Research Services 250-667-6951 erin.rechisky@kintama.com
Coastal ISC Vancouver Island Invasive Mussels Lake Monitoring Program	1-731	This project will undertake substrate monitoring on Vancouver Island lakes.	\$10,844	Jessica Bayley Coastal Invasive Species Committee 250-871-5117 info.coastalisc@gmail.com
Mayne Island Community Stewardship Program	1-752	The Mayne Island Community Stewardship Program will engage residents and visitors of Mayne Island in hands-on nature stewardship. Community members will contribute to habitat restoration projects while developing the knowledge and skills they need to steward endangered ecosystems in a fragmented, privately owned landscape.	\$31,948	Rob Underhill Mayne Island Conservancy Society 250-539-2535 biologist@mayneconservancy.ca
Detecting Sharp-tailed Snake on Mt. Maxwell: eDNA vs Traditional Surveys	1-765	The federally SARA-listed Endangered and provincially Red-listed Sharp-tailed Snake is a cryptic burrowing species, spending most of its life underground. This project uses traditional survey techniques (Artificial Cover Objects) in combination with environmental DNA (eDNA) sampling protocols to survey areas with highly suitable habitat on Mt. Maxwell where the species has not yet been detected. New occurrences of Sharp-tailed Snakes will increase the known distribution of this species, allowing for increased proposed Critical Habitat designation and guiding on-the-ground management activities.	\$32,094	Carrina Maslovat Maslovat Consulting 250-893-7305 maslovat@telus.net

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Project Name	Project #	Project Description	Grant Amount *	Contact Information
Habitat Protection and Connections for Western Toads	1-766	This project will help sustain an important breeding population of Western Toads by reducing three threats: road mortality, habitat fragmentation and recreational trampling. Effectiveness will be monitored of newly installed underpasses and fences in guiding adult and juvenile toads safely under the roads surrounding their breeding lake. Barriers, educational signage and stewardship events will be used to reduce recreational disturbance and trampling of shoreline habitat where juvenile toads emerge after metamorphosis.	\$19,420	Barbara Beasley Association of Wetland Stewards for Clayoquot & Barkley Sounds 250-726-2536 beasley@island.net
Kus-kus-sum - Unpaving Paradise	1-770	The Kus-kus-sum (KKS) project is the restoration of a former industrial sawmill site in the heart of the salmonid migratory corridor for the watersheds of two major rivers, the Puntledge and the Tsolum. The restoration will restore the site to the pre-disturbance state as a forested tidal wetland, and will reconnect the site to the floodplain and the Courtenay River through the removal of a 400m steel-piling wall. Species that will benefit include pink, chum, coho, chinook (summer- and fall-run) salmon as well as steelhead and cutthroat trout, and many other wildlife species.	\$92,938	Caitlin Pierzchalski Comox Valley Project Watershed Society 778-866-4240 caitlin.pierzchalski@projectwatershed.ca
Empowering Stewards of Oak and Prairie Habitats: A Good Neighbours Program	1-771	This project applies a collaborative approach to engage, inform, inspire, and empower stewards in endangered Oak and Prairie Areas on Southern Vancouver Island. This will be achieved through outreach, landowner contact, experiential stewardship events and workshops, and supporting Indigenous communities. The project will increase the stewardship of one of Canada's most endangered habitat types by increasing understanding, participation, and regional leadership in conservation with the aim of fostering the creation of new habitat stewards in our communities.	\$41,636	Paige Erickson-McGee Habitat Acquisition Trust 250-995-2428 paige@hat.bc.ca
Initiating a Community-Based Flow Monitoring Network for East Coast Vancouver Island	1-791	This project will coordinate and oversee a community-based flow monitoring network for the east coast of Vancouver Island. Through collaborations with volunteer-led stewardship groups, First Nations, NGO's and government agencies, the BC Conservation Foundation will provide equipment and technical support, training, data quality control and audits, data management workshops, and capacity-building for partner organizations to help create stewards for streamflow & fish habitat.	\$11,672	Aliandra Badger BC Conservation Foundation 250-390-2525 abadger@bccf.com
Englishman River Claybank Monitoring and Mitigation Design	1-792	This project will monitor the activity and downstream effects of a large active clay bank on the Englishman River. A site survey and assessment will be completed to advise preliminary design details for mitigation options. Project activities will include liaising with all interested parties and stakeholders, and water quality/sediment monitoring. Once a mitigation option is agreed upon, more detailed designs will be developed.	\$46,115	Jeremy Damborg BC Conservation Foundation 250-714-9458 jdamborg@bccf.com

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## Approved Projects in Region 1: Vancouver Island

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Climate Change and Wildlife Habitat Conservation on Salt Spring Island	1-798	This project will protect and enhance wildlife habitat on Salt Spring Island by employing conservation strategies that assist both mitigation of, and adaptation to, climate change. SSIC will protect climate-resilient lands through acquisition, conservation covenants and stewardship agreements; restore and enhance ecosystems within the rare Coastal Douglas-fir biogeoclimatic zone, employing climate adaptation strategies; survey target species; and expand SSIC's native plant nursery to supply native plants (including drought-tolerant and fire-resistant species) for restoration and education initiatives. Stewardship education is integral to this project and includes collaborative hands-on nature education, in-person events, building relationships with landowners, and informative signage on SSIC's nature reserves.	\$49,797	Penelope Barnes Salt Spring Island Conservancy 250-931-4627 penny@saltspringconservancy.ca
PEPAKEN TE TENEW: Restoration & Resilience in the W̱SÁNEĆ Homelands	1-804	This project will focus on building resilience in human communities as ecosystems, doing hands-on education primarily with youth from the W̱SÁNEĆ First Nations. Ecosystem restoration will be conducted at SNIDŒEL ("Place of the Blue Grouse", Tod Inlet, Gowlland Tod Provincial Park), first W̱SÁNEĆ village and PEPÁKEN HÁUTW's home restoration site. This project will restore vital coastal douglas fir habitat and encourage learning from the land while training the next generation of land stewards.	\$29,975	Judith Arney PEPAKEN HAUTW Foundation 250-885-8248 judithlyarney@gmail.com
Blackburn Lake Nature Reserve	1-817	SSIC's Blackburn Lake Nature Reserve (BLNR) lies within the Cusheon Creek Watershed on SSI. BLNR plays a critical role in both watershed health and biodiversity; the diverse mix of open and forested wetlands, riparian areas, wet meadows, open meadows and upland forests provide important wildlife habitat and filter and clean water as it enters Blackburn Lake. The reserve's range of ecosystems support a wide range of native species, including species at risk. SSIC's restoration projects and ongoing management efforts work with natural processes and natural succession to ensure sustainable, resilient ecosystems.	\$49,969	Penny Barnes Salt Spring Island Conservancy 250-931-4627 penny@saltspringconservancy.ca
Millard Learning Centre	1-818	District Lot 57 lies in the heart of the endangered Coastal Douglas-fir (CDF) biogeoclimatic zone, an ecological classification that has been ranked as imperiled both provincially and globally. As part of the Mid-Galiano Island Protection Network, the property protects a significant portion of the island's topographic variation and associated ecological diversity, and secures valuable pathways for plant and animal migration from sea level to Galiano's highest ridgeline. Areas that have been impacted and modified through past uses are now the focus of Galiano Conservancy Association's ecological restoration work.	\$45,649	Adam Huggins Galiano Conservancy Association 250-539-2424 restoration@galianoconservancy.ca

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## Approved Projects in Region 1: Vancouver Island

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Matson Lands	1-819	Matson Conservation Area (MCA) is the last section of intact Garry Oak Ecosystem – a cultural keystone ecosystem for the ləkʷəŋən and other Coast Salish Nations – along the Victoria Harbour front, in the heart of the Salish Sea. Rare and endangered plant communities and wildlife species all live in MCA, which also has great cultural significance. With less than 5% of traditional ləkʷəŋən food systems left intact in ləkʷəŋən territory, the importance of this site as an eco-cultural nexus cannot be overstated. The importance of MCA for building care-based relationships between conservation organizations and Indigenous people also makes this site one of particular value and importance in this geography. HAT and its partners are invested in an intensive long-term restoration and stewardship program at the site.	\$38,500	Max Mitchell Habitat Acquisition Trust 250-995-2428 max@hat.bc.ca
Central Denman Conservation Complex	1-820	There are six conservation areas within the Central Denman Conservation Complex, four of which are protected by Conservation Covenants. Denman Conservancy Association, along with partner organizations, work to steward these areas and enhance the rich biodiversity present within this ecologically significant network. The Complex creates a vital continuous network of protected lands throughout central Denman and links the north and south drainages of the island. This uninterrupted network of conservation areas provides connected habitat and refuge for many wildlife species, including many Species at Risk.	\$31,399	Andy Blackburn Denman Conservancy Association 250-858-1570 lands.dca@gmail.com / info@denmanconservancy.org
Nanaimo Area Western Painted Turtle Project	1-822	This project seeks to understand the population dynamics and trends of Western Painted Turtles at known occurrence sites in the Nanaimo area through the creation of a monitoring program that utilizes both visual surveys on the ground as well as UAVs. Nesting and recruitment success will be tracked through: nesting surveys and wildlife cameras usage at known nesting sites, enhancement of known nesting sites, and a strengthened program for nest site protection. A turtle ambassador program will additionally allow the project to track, record and protect WPT nests.	\$19,186	Linda Brooymans Nanaimo & Area Land Trust 250-714-1990 stewardship@nalt.bc.ca
Effect of Landscape Change on Black-Tailed Deer Ecology on Vancouver Island	1-823	This project investigates Columbian black-tailed deer ecology on Vancouver Island in the context of forestry activities that have altered habitat, along with an increasing demand for deer harvest for First Nation and BC resident hunters. This project will improve understanding of migration patterns, seasonal habitat use, and cause-specific mortality factors of deer on Vancouver Island. This information will allow development of habitat management and forestry planning recommendations for Provincial and First Nation decision makers that can improve the landscape conditions for deer.	\$52,800	Shelley Marshall Ministry of Forests 250-739-8428 shelley.marshall@gov.bc.ca

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## Approved Projects in Region 1: Vancouver Island

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Vancouver Island Steelhead Stock Decline Investigations	1-826	This project will evaluate the current abundance of wild summer and winter-run steelhead during all life-stages on several rivers across Vancouver Island. Given the continued disappointing returns of winter-run Steelhead across Vancouver Island and the more recent decrease in summer-run returns, this project will expand on-going standard stock assessment work on winter-run and summer-run Steelhead populations to include several more systems across Vancouver Island.	\$35,000	Danny Swainson British Columbia Conservation Foundation 250-390-2525 dswainson@bccf.com
Vancouver Island Lake Response to Climate Change	1-827	This project aims to monitor a number of lake functions as potential responses to changing weather patterns on Vancouver Island, driven by climate change. The objective is to study up to nine representative lakes looking at functions such as stratification period, epilimnion temperature, dissolved oxygen depletion, and water levels. The overall goal is to understand how lakes are responding to a warming climate which may better inform lake fisheries management in the future.	\$5,000	Aaron Androsoff British Columbia Conservation Foundation 778-957-7591 aandrosoff@bccf.com
Denman Island Living with Beaver	1-829	The Living with Beaver Seed project will provide the background materials, data and local interest to develop a beaver stewardship plan. Such a plan is critical to ensure the integrity of Denman's considerable network of beaver-dependent wetlands and waterways supporting Denman's rich biodiversity. Through the project's outreach program, project staff and volunteers will identify and document human-beaver conflicts involving both Denman landowners and the project's partners, and increase the community's interest in their beaver neighbours by demonstrating the value of beaver in the landscape and providing necessary information for resolving human-beaver conflicts.	\$5,000	Luise Hermanutz Denman Conservancy Association lhermanu@mun.ca
Enhancing Connectivity and Restoring Degraded Habitat on Galiano Island	1-831	This project will expand Galiano's Mid-Island Protected Areas Network through securement and protection of the Quadra Hill property; restore degraded forest and wetland ecosystems to provide biodiversity benefits including expanding habitat for target SAR; restore abandoned pasture and agricultural land on the Quadra Hill Property to forested wetland ecosystems; and pilot enhanced forest management on pole/sapling Douglas-fir forest on the Quadra Hill property to reduce wildfire risk and determine optimal thinning intensity to restore forest habitat for target species.	\$5,000	Chessi Miltner Galiano Conservancy Association chessi.miltner@galianoconservancy.ca



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## Approved Projects in Region 2: Lower Mainland

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Enhancing Upland Farmland for Wildlife in the Fraser River Delta	2-349	This project will contribute to enhancing approximately 1,295 hectares of upland agricultural habitat in the Fraser River estuary for migratory and resident bird species. In partnership with farmers in the Cities of Delta and Richmond, grassland habitat will be established on agricultural land, in the form of winter cover crops and grassland set aside to provide high-quality feeding and resting habitat for resident and migratory waterfowl, shorebirds, and birds of prey.	\$30,000	Christine Schmalz Delta Farmland & Wildlife Trust 604-970-7640 christines@deltafarmland.ca
Learn to Fish Program (L2F)	2-390	Learn to Fish (L2F) is designed to break down barriers to recreational fishing by introducing youth and adults to the outdoor activity. L2F is delivered across all regions of the province, to over 30,000 youth and their families annually with support from HCTF and its other program partners.	\$80,000	Mike Gass Freshwater Fisheries Society of BC 604-302-6235 Mike.Gass@gofishbc.com
Invasive Mussel Lake Monitoring in the Sea to Sky Region	2-644	This project will undertake plankton tow sampling in lakes in the Sea to Sky region to monitor for the presence of invasive mussels.	\$2,809	Clare Greenberg Sea to Sky Invasive Species Council 604-698-8334 info@ssisc.ca
Chilliwack Lake Bull Trout Fishery Assessment	2-660	The project will assess sustainable fishing opportunities for Bull Trout on Chilliwack Lake. Similar to other large lake tag-return studies, the project has direct implications for the conservation and management of Bull Trout and will improve angling quality and provide opportunity in recreational fisheries on large lakes in BC.	\$49,199	Greg Andrusak Ministry of Forests 250-505-4116 greg.andrusak@gov.bc.ca
Native Plant Landscaping to Increase Native Bird Populations in Vancouver	2-668	The project will engage 2,500 youth in hands-on programs and school workshops to grow bird-supporting native plants and create a birdscape teaching garden in Vancouver's Downtown Eastside. This will also connect inner-city youth with nature and developing skills and confidence in environmental stewardship. Youth-grown plants will be distributed to 50+ community groups and public schools to support urban bird habitat projects. The programs engage youth who identify as Indigenous, Black, People of Colour, LGBTQ2, racialized new immigrants, living with a disability, in the foster care system, and/or living on low incomes.	\$22,501	Emily Keller EYA Environmental Youth Alliance Society 604-319-1729 emily@eya.ca
Chilliwack River Guardian Program	2-669	Angler/creel surveys will be completed over winter and spring (winter steelhead angling season) to obtain standard angler effort and catch data, and feedback on angling experience and fishery management on the Chilliwack River primarily to confirm the impact/effectiveness of regulation changes that took effect in 2021.	\$17,868	Chris Hegele Ministry of Water, Land and Resource Stewardship 236-468-3230 christopher.hegele@gov.bc.ca

\*Final Grant amount may be subject to funding condition(s)

## Approved Projects in Region 2: Lower Mainland

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Earthwise Agassiz Habitat Stewardship Initiative	2-687	The Earthwise Agassiz Habitat Stewardship Initiative is a comprehensive community engagement project that commits individuals and groups to take action to protect habitat. The project takes place on a 58 acre site in BC's eastern Fraser Valley that encompasses restored wetlands, riparian habitats, and pollinator meadows within the context of a small-scale working farm. The project increases awareness of habitat and freshwater conservation and involves individuals in citizen science and stewardship activities.	\$20,000	Patricia Fleming DRS Earthwise Society 604-946-9828 pffleming@earthwisesociety.bc.ca
Juvenile White Sturgeon Monitoring Program	2-692	This project uses a combination of paid and volunteer angling guides to capture and tag juvenile White Sturgeon in the Fraser River and tributaries from Delta/Richmond to Yale. The goal is to increase the sample size of marked juvenile fish and the amount of juvenile mark-recapture data to improve our understanding of recruitment trends, abundance, distribution, and growth rates for this key life stage.	\$68,487	Caroline Melville Instream Fisheries Research Inc. 604-892-4615 caroline@instream.net
Squamish Watershed Bull Trout Angler Exploitation Assessment	2-700	Assessment of angling effort using the reporting app "My-Catch" and a high reward tagging program will be used to evaluate angling exploitation of Bull Trout in the Squamish River watershed. This research will provide much-needed data and inform effective management and conservation of the fishery.	\$49,725	Caroline Melville Instream Fisheries Research Inc. 604-892-4615 caroline@instream.net
Juvenile White Sturgeon Critical Habitat in the Pitt River Watershed	2-715	This study addresses uncertainties regarding the migration behaviour and habitat use of Lower Fraser River juvenile sturgeon. Focused research completed in the Pitt River watershed across a variety of intact and altered habitat types will help discern habitat use preferences and identify critical rearing and overwintering habitats for the juvenile life stage. This study will provide managers with appropriately scaled data to develop and justify habitat protections and restoration initiatives that will be key for White Sturgeon recovery.	\$130,794	Allison Hebert InStream Fisheries Research Inc. 604-428-8819 allison@instream.net
Sturgeon Handling Video	2-721	With sturgeon being a catch and release fishery within BC, proper handling, care and release of these fish is imperative to help the survival of this old growing species. This project will develop a tutorial video on the handling of sport caught sturgeon in as many different scenarios as possible. This will raise public awareness as well as ingrain ownership of the importance of taking care of this valuable resource.	\$19,198	Dean Werk Fraser Indigenous Research Corp 604-792-3544 info@greatriverfishing.com
Shedding Light on Still Creek	2-751	This project will create stewards by connecting targeted demographics of East Vancouver to local greenspaces through hands-on restoration work, accessible educational offerings, and citizen science opportunities within the Still Creek watershed. The "Shedding Light" program will improve habitat conditions for native aquatic and terrestrial wildlife, reduce total coverage of invasive plants and garbage, create multi-story vegetation within sensitive habitat, and create the conditions for improving water quality within the watershed.	\$38,355	Clea Moray Still Moon Arts Society 604-404-3570 Clea@stillmoonarts.ca

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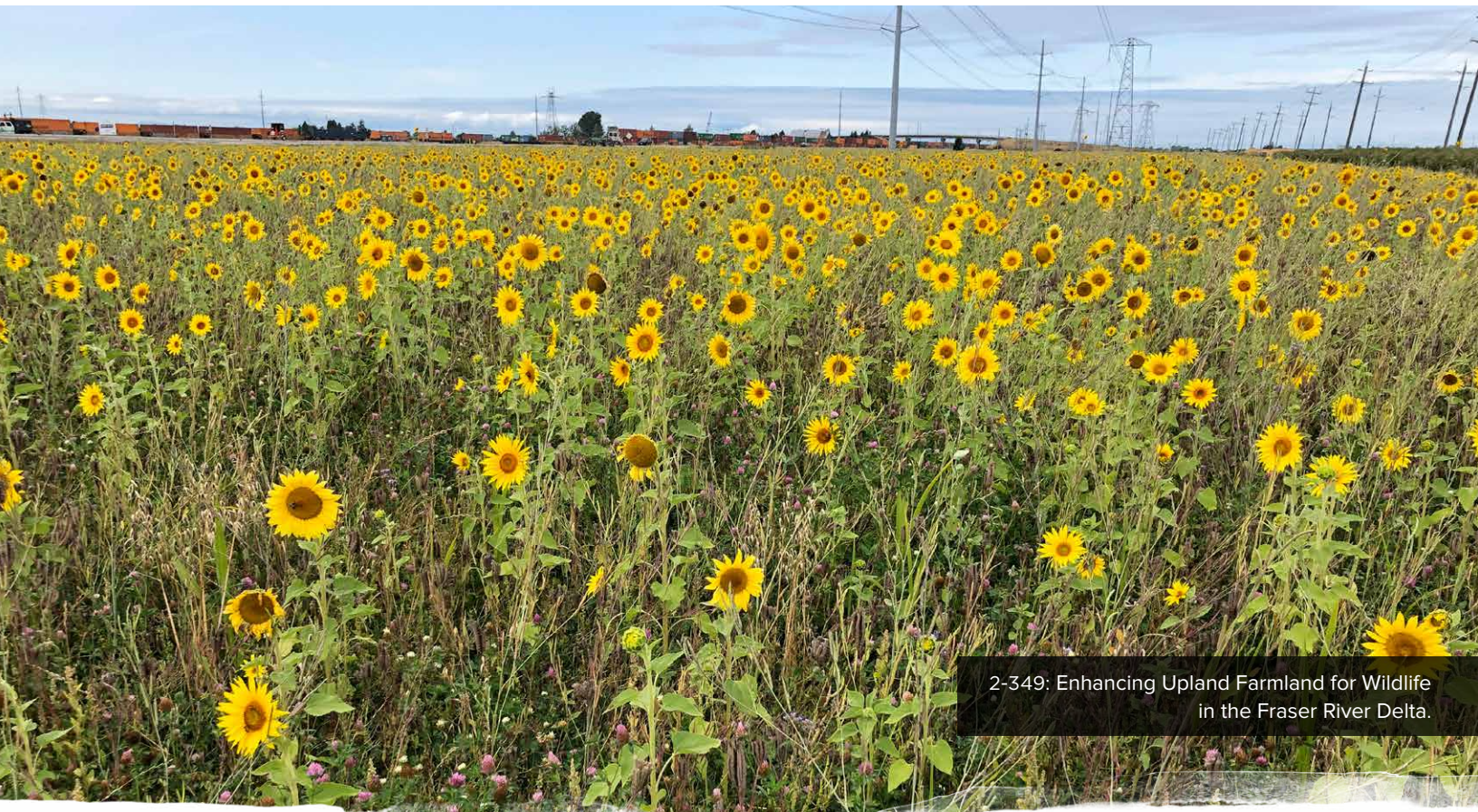
## Approved Projects in Region 2: Lower Mainland

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Conservation of At-Risk Raptors in Coastal B.C	2-754	This project will identify and assess occupied breeding territories for Northern Goshawks and Western Screech-Owls on the South Coast with a particular focus on the Upper Sunshine Coast and Northern Gulf Islands. Working directly with government, First Nations, industry, parks, and landowners the project seeks to protect habitat for these at-risk birds of prey and other species found in their territories through the establishment of Wildlife Habitat Areas, conservation covenants, or other formal protection. Through community engagement, the proponent will increase awareness and participation in the stewardship of birds of prey.	\$32,186	Kerry Baird BC Conservation Foundation 604-576-1432 kbaird@bccf.com
Ryder Creek	2-764	Ryder Creek is in the Coastal Western Hemlock Biogeoclimatic Zone and contains valuable aquatic and terrestrial habitat features. The Chilliwack River watershed, including the lower reaches of Ryder Creek, is important spawning and rearing habitat for salmonids. Rainbow trout and steelhead are also found in these streams. Habitat improvement through this project will demonstrate to local residents the importance of preserving these species and counteracting the negative impacts the watershed has faced.	\$35,281	Joanne Neilson Fraser Valley Conservancy 604-625-0066 joanne@fraservalleyconservancy.ca
Fraser Valley and Metro Vancouver Invasive Mussels Lake Monitoring Program	2-645	This project will monitor lakes in the Metro Vancouver region for invasive mussels through veliger sampling and substrate monitoring. Lakes proposed to be monitored include Cultus, Harrison, Pitt, Burnaby, and Buntzen.	\$10,879	Kathy Ma Fraser Valley Invasive Species Society 778-548-3847 admin@fviss.ca
2023 Brem River Adult Summer Steelhead Survey	2-769	This project will complete three uncalibrated snorkel surveys on the Brem River between spring and summer to acquire a better understanding of adult summer steelhead stock status (peak index of abundance) and inform management decisions.	\$5,000	Chris Hegele Ministry of Water, Land and Resource Stewardship 236-468-3230 Christopher.Hegele@gov.bc.ca
Mamquam Side-Channels Groundwater Study	2-775	The Mamquam side-channel complex experiences dewatering events during the summer dry season, stranding juvenile salmonids including rainbow trout, steelhead and coho salmon that are rearing in these channels. This project aims to better understand the groundwater to surface water interactions in the complex throughout the dry season. Information gathered from this study will be used to develop a restoration plan for the side-channels to increase the resiliency and functionality of these habitats for juvenile trout and salmonids.	\$5,000	Edith Tobe Squamish River Watershed Society (SRWS) srws@shaw.ca
Bio-Physical Reconnaissance for Coastal Cutthroat Trout in Nathan Creek	2-776	This seed proposal will re-establish a new baseline state of the Nathan Creek watershed through reconnaissance and fish surveys with the target species of coastal cutthroat trout. Observations gained through investigating habitat suitability, flow, barriers, accessibility and potential habitat threats will inform a larger program of coastal cutthroat trout stock assessment, stream productivity and interactions with coho and rainbow trout/steelhead also found within the system.	\$5,000	Emmanuel Abecia Aquatic Ecosystems Branch, Ministry of Water, Land and Resource Stewardship emmanuel.abecia@gov.bc.ca

\*Final Grant amount may be subject to funding condition(s)

## Approved Projects in Region 2: Lower Mainland

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Monitoring Wolverine Presence in S'ólh Téméxw, Stó:lō Traditional Territory	2-777	This project will support a wolverine monitoring program in S'ólh Téméxw (Stó:lō territory) to detect presence, identify individuals, and compile demographic and reproductive data employing remote wildlife camera surveys. The wolverine is a federally listed species of Special Concern in Canada. As the program develops, community engagement will complement the proposed research by exploring in collaboration with Stó:lō peoples the historical and current cultural significance of the wolverine.	\$5,000	Julian Yates Stó:lō Service Agency Society julian.yates@stolonation.bc.ca



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## Approved Projects in Region 3: Thompson Nicola

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Fisheries O&M - Headquarters	3-60	Operation and maintenance on the Kane Valley Ranch for fisheries research. Maintain property, repair fences, pay the Hydro for aeration system, maintain caretakers house (plumbing, wiring, mechanical).	\$4,000	Andrew Klassen Ministry of Forests 250 371 6237 Andrew.Klassen@gov.bc.ca
Fisheries O&M - Thompson-Nicola	3-94	Operation and maintenance of existing lake aeration, stream diversions, outlet fence, riparian fencing, open diversion ditches and dam structures that enhance the angling opportunities of high use lakes within the Thompson-Nicola region.	\$73,500	Andrew Klassen Ministry of Forests 250 371 6237 Andrew.Klassen@gov.bc.ca
Fisheries O&M - Bonaparte	3-154	Operation and maintenance of the Bonaparte Fishway and the Bonaparte Lake Dam.	\$30,000	Robert G. Bison Ministry of Forests 250-371-6244 Robert.Bison@gov.bc.ca
Interior Fraser Wild Steelhead Conservation	3-251	The project will provide scientific knowledge to inform provincial, federal, and First Nation fisheries management planning, processes, and decisions for conservation and responsible use of wild Interior Fraser steelhead populations including Thompson and Chilcotin steelhead. The data provided will encourage coordination of management between provincial and federal fisheries agencies and First Nations.	\$69,905	Robert Bison Ministry of Forests 250-851-1076 robert.bison@gov.bc.ca
Wetlands Institute 2023: Thompson-Nicola Region	3-272	The Wetlands Institute workshop provides training to practitioners involved in wetland stewardship projects in BC. The 2023 Institute will be hosted in the Thompson-Nicola region, providing high-quality training and hands-on wetland restoration and design experience while supporting regional initiatives, and include a virtual Speaker Series on topics of value to wetland practitioners to support a greater and more diverse audience.	\$55,269	Neil Fletcher The B.C. Wildlife Federation 604-882-9988 Neil.fletcher@bcwf.bc.ca
Fraser River Bighorns: Fraser East Disease Assessment and Herd Recovery	3-419	The project will test and remove adult Bighorn ewes that are shedding the respiratory bacteria <i>Mycoplasma ovipneumoniae</i> (M.ovi) from along the east side of the Fraser River. The project will also conduct extensive ground and aerial lamb counts with the involvement of First Nations communities, capture and sample a minimum of 25% of yearlings (10-month-olds) in the areas of prior-year treatment bands to test for the presence and exposure to M.ovi.	\$53,020	Jeremy Ayotte Phyla Biological Consulting Inc 250-804-3513 jeremy.ayotte@gmail.com
Adams Groundhog Road Rehabilitation and Reforestation Project	3-422	The project will benefit the Groundhog Mountain herd by restoring approximately 39.4km of road to reduce predator movement and improve the area of intact habitats.	\$58,360	Doug Lewis Ministry of Water, Land and Resource Stewardship 250-312-6777 Doug.w.lewis@gov.bc.ca

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## Approved Projects in Region 3: Thompson Nicola

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Small Mammal Communities in Our Threatened Grasslands: Historic Trends and Future Prospects	3-453	Within BC's threatened semi-arid grassland ecosystems, small mammal communities play a critical role in acting as a prey base for a wide range of species-at-risk, including raptors, snakes, owls, badgers, and other predators. This project will conduct a thorough and timely analysis of a 26-year data set on small mammal and vegetation communities within the grasslands, providing a benchmark managing our grassland ecosystems as ecological and climatic shifts continue in the future.	\$48,140	Karl Larsen Thompson Rivers University 250-828-5456 klarsen@tru.ca
Simpcw First Nation Badger Ecology and Culvert Rehabilitation Project	3-457	The Simpcw First Nation Natural Resources Department and Estsék' Environmental LLP are conducting a research project on the American badger <i>jeffersonii</i> subspecies in core habitat and surrounding corridors in Simpcwúłecw (Simpcw Territory). Obtaining a current estimate of badger population numbers in Simpcw Territory, combined with mortality hotspot identification, culvert assessments and restoration of blocked culverts, will inform Simpcw First Nation wildlife managers, the Badger Recovery Team and provincial agency in making crucial decisions regarding badger population management and habitat fragmentation, and guide road mitigation strategy decisions.	\$10,000	Kerri Jo Fortier Simpcw First Nation 250-672-9995 nrd.manager@simpcw.com
Simpcw First Nation Caribou Road Rehabilitation	3-467	The Simpcw First Nation Caribou Road Rehabilitation Project aims to rehabilitate approximately 35 km of roads for the Wells Gray South Caribou Herd between 2023-2026 within the road networks around Thunder River.	\$95,760	Kerri Jo Fortier Simpcw First Nation 250-672-9995 nrd.manager@simpcw.com



3-272: Wetlands Institute 2023: Thompson-Nicola Region.

\*Final Grant amount may be subject to funding condition(s)

## Approved Projects in Region 4: Kootenays

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Fisheries O&M - Kootenay	4-64	Operation and maintenance of two West Kootenay kokanee spawning channels which support a genetically unique strain of kokanee, and associated ecosystem and sport fishery benefits.	\$58,000	Molly Teather Ministry of Forests 778-671-9187 molly.teather@gov.bc.ca
Gerrard Rainbow Trout Critical Monitoring	4-248	This project monitors the conservation status of the Gerrard rainbow trout that supports a socially and economically significant recreational fishery. The project focuses on four key areas: (1) monitor escapement, (2) monitor quality of critical habitat for Gerrard rainbow trout, (3) estimate fishing effort and harvest of Gerrard rainbow trout for management decisions, and (4) educate public and protect Gerrard rainbow trout spawners through presence at spawning site.	\$39,000	Molly Teather Ministry of Forests 778-671-9187 molly.teather@gov.bc.ca
Kootenay Conservation Program: Fostering a Collaborative Landscape Approach	4-345	The goal of this project is to foster a collaborative approach to conservation in the Kootenays through partnership of over 80 organizations. This project includes four complementary components: 1) Strengthening the delivery and coordination of stewardship activities through Conservation Action Forums 2) Ensuring coordinated securement of highest priority private properties by applying ranking criteria that includes landscape linkage and climate change attributes 3) Increasing knowledge of conservation practitioners by sharing leading edge information and expertise through hosting Conservation Ambassador Training sessions and annual Fall Gathering 4) Building financial capacity through expansion of the Local Conservation Fund service	\$30,000	Juliet Craig Nature Trust of BC 250-352-2260 juliet@kootenayconservation.ca
Kootenay Region River Guardian Program	4-444	This project will facilitate River Guardian presence in eight Kootenay Region classified watersheds with the objective to maintain or improve the quality of angling in these systems and protect native sportfish populations. River Guardians will provide a compliance presence, educate the public, anglers, and other stakeholders, and collect angler survey data and biological/inventory data.	\$130,500	Kevin Heidt Ministry of Forests 250-489-8556 Kevin.Heidt@gov.bc.ca
Redfish Creek Spawning Channel Infrastructure Repairs	4-538	This project aims to replace aging intake infrastructure at the Redfish Creek Spawning Channel to continue to supply stock conservation and fishery benefits. West Arm spawning channels (Kokanee Creek and Redfish Creek) support wild kokanee conservation and a popular fishery (up to 4,000 angler days/year).	\$17,025	Molly Teather Ministry of Forests 778-671-9187 molly.teather@gov.bc.ca
Determination of Gerrard Rainbow Trout Productivity at Low Abundance	4-539	This project will obtain critical information on the stock productivity parameter and define important biological reference points for conservation and management of the Gerrard Rainbow Trout population on Kootenay Lake.	\$54,959	Greg Andrusak Ministry of Forests 250-505-4116 greg.andrusak@gov.bc.ca

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## Approved Projects in Region 4: Kootenays

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Determination of Bull Trout Stock Productivity at Low Abundance	4-555	This project will obtain critical information on the stock productivity parameter for Bull Trout at low stock abundance. The information is vital in defining important biological reference points for conservation and management of this species on Kootenay Lake.	\$49,800	Greg Andrusak Ministry of Forests 250-505-4116 greg.andrusak@gov.bc.ca
Mustelid Oases in Large Clearcuts: Debris Piles as Habitat Restoration	4-576	This project incorporates functional longevity and is designed to investigate the responses of small mustelids and their prey species to piles of woody debris arranged in a linear configuration across large (40+ ha) clearcut openings up to 6 years post-harvest in large clearcut openings.	\$30,000	Thomas Sullivan Applied Mammal Research Institute 250-494-7160 tom@appliedmammal.com
Preserving the Ecological Function of BC's Freshwater	4-581	This project will undertake plankton tow sampling in lakes in the Central Kootenay region to monitor for the presence of invasive mussels.	\$15,000	Erin Bates Central Kootenay Invasive Species Society 844-352-1160 x 205 ebates@ckiss.ca
East Kootenay Invasive Mussels Monitoring Project	4-582	This project will monitor lakes in the East Kootenay region for invasive mussels through veliger sampling.	\$21,841	Emma Struivig de Groot East Kootenay Invasive Species Council emma@ekisc.com
Central Selkirk Caribou Maternity Pen	4-609	The Central Selkirk Maternity Pen project is a partnership between the Arrow Lake Caribou Society, ʔaḡam - a member band of the Ktunaxa Nation, and the BC Caribou Program. A suite of recovery actions has been implemented in the Central Selkirks sub-population over the past few years in an attempt to avert extirpation. The Central Selkirk Maternity Pen is an essential recovery tool to achieve population growth through improved calf survival.	\$35,000	Aaron Reid Ministry of Water, Land and Resource Stewardship - BC Caribou Program 778-671-9171 aaron.reid@gov.bc.ca
Elk Valley West Bighorn Sheep Population Dynamics and Habitat Condition	4-611	The bighorn sheep estimates in the Elk Valley West population management unit during the winter 2020 and 2022 surveys were among the lowest recorded, approximately 60% of the population objective and a continuation of a 10-year decline. This study will identify survival rates and causes of mortality, seasonal range use and movement corridors, and health sampling, and will evaluate existing habitat to provide information to help make informed wildlife management decisions.	\$49,005	Sam Medcalf Sparwood and District Fish & Wildlife Association 250-425-5531 smedcalf83@hotmail.com
Safe Passages for Wildlife in the Southern Canadian Rockies	4-616	The objective of this project is to improve wildlife connectivity and human safety along Highway 3. In the first three years of this project three existing structures were retrofitted to create suitable wildlife underpasses, 2.5 km of fencing installed, and 45 cameras deployed as part of an effectiveness monitoring program. Next, improvements will be made to Old Town and Michel Mouth bridges, 2 km fencing is to be installed, there will be increased engagement with Ktunaxa Nation, and additional signage and communication materials produced.	\$50,000	Emily Chow Ministry of Forests 250-420-6325 Emily.Chow@gov.bc.ca

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## Approved Projects in Region 4: Kootenays

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Enabling Management Changes for Recreation-Sensitive Species	4-627	The Upper Columbia region is renowned for abundant wildlife and nature-based tourism and recreation. Given the growth of outdoor recreation and potential impacts on wildlife, the BC government has identified managing recreation as a priority. This project will refine recreation and wildlife models and how we identify potential conflict hotspots in areas heavily used by recreationists and key wildlife.	\$58,650	Annie Loosen Yellowstone to Yukon Conservation Initiative 403-583-0471 annie@y2y.net
Kicking Horse Canyon Habitat Enhancement Project	4-631	This project will enhance approximately 112 ha of elk winter range in the Upper Kicking Horse Canyon, near the Yoho National Park boundary. Enhancement work will involve the thinning of immature forest to promote forage growth, allow for ease of elk movement, increase elk predator detection and improve forest structure for snow interception.	\$63,580	Brian Gustafson Golden District Rod and Gun Club 250-344-1188 brian@goldenrodandgun.com
Expansion of Harrop Wetland Restoration	4-663	This project will restore 0.3 hectares of degraded wetland habitat. Two perennial marsh ponds will be established, native plants will be re-introduced, and habitat features will be installed. Combined, this will address vulnerabilities created by higher rates of evaporation during progressively hot summers and improve habitat potential for wetland users that have increasingly limited habitat options in Kootenay Lake's West Arm.	\$21,506	Kayla Tillapaugh Friends of Kootenay Lake Stewardship Society 250-777-2744 manager@friendsofkootenaylake.ca
Reimagining the Threads that Bind Wildlife Conservation to Farming	4-664	This program is a peer-to-peer approach to identify and build relationships between domestic sheep producers in the East Kootenay region and wild sheep conservation efforts. The overall goal is to achieve healthy domestic and wild sheep herds by assessing the risk of infectious disease through determining the prevalence of Mycoplasma ovipneumoniae (M.ovi) in domestic sheep in the region and promoting wildlife conservation friendly farm practices.	\$29,200	Jennifer Bowes Wild Sheep Society of British Columbia 250-219-9443 jwssbowes@gmail.com
Galton Range Ungulate Habitat Enhancement Project	4-672	This project will directly enhance critical habitat for mule deer, white-tailed deer, and Rocky Mountain elk within the Galton Range, specifically along the mountain face between Maguire Creek and Red Canyon Creek. Through the implementation of slashing treatments and invasive plant management, this project will restore ungulate winter ranges and transitional habitat within the Galton Range.	\$95,940	Myra Juckers Tobacco Plains Indian Band 250-887-3461 myra.juckers@tobaccoplains.org
Guidelines for Recreation and Industrial Activities Near Wolverine Denning Areas in Montane North America	4-684	This project will inform policy on best management practices for recreation and industry in potential maternal denning habitat of wolverine by compiling existing research into a peer-reviewed publication, providing direction to reduce disturbance and displacement of wolverine due to human activities, and thereby maintaining habitat and reproductive capability.	\$13,200	Doris Hausleitner Seepanee Ecological Consulting 250-505-7768 dorishaus78@gmail.com
East Kootenay Burbot Population Monitoring	4-685	This project seeks to better understand burbot population limiters in the Upper Kootenay and Upper Columbia watersheds utilizing cod trapping, acoustic tagging, temperature monitoring and genetic studies. Understanding current status, spawning locations, migrations and genetic diversity will inform recovery actions of these declining populations.	\$68,883	Heather Lamson Ministry of Forests 250-421-6338 heather.lamson@gov.bc.ca

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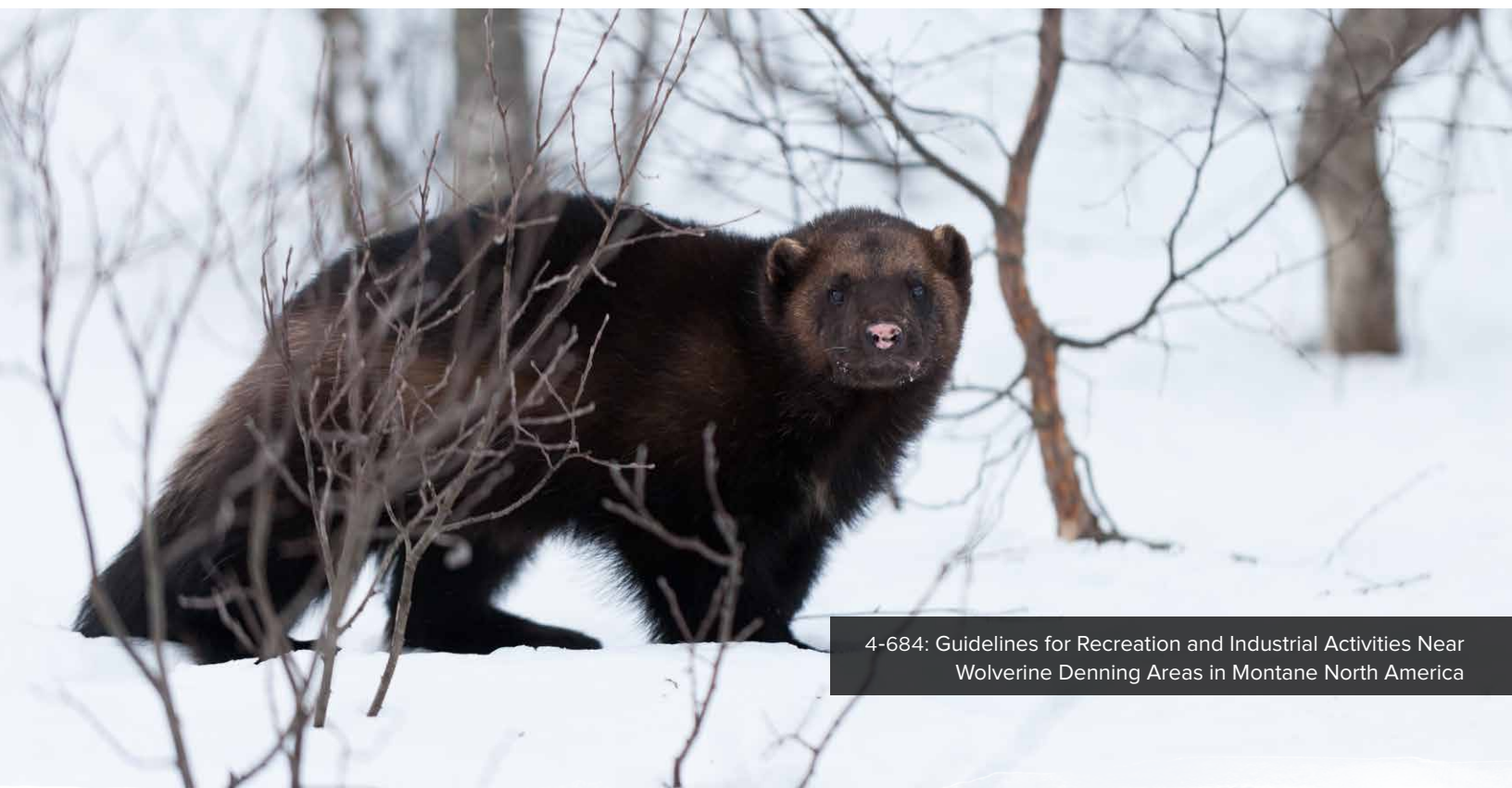
## Approved Projects in Region 4: Kootenays

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Mayook Marsh Enhancement and Amphibian Mitigation Translocation Study	4-688	This project will enhance wetland habitat at Mayook Marsh near Cranbrook for the benefit of Blue-listed Western Painted Turtle, nesting trumpeter swan, and a wide diversity of waterfowl, bat, and other wildlife species while assessing mitigation translocation (salvage) as a conservation tool for amphibians. Results will inform decision makers on effectiveness of mitigation translocation.	\$55,000	Sarah Nathan Ducks Unlimited Canada 778-888-1706 s_nathan@ducks.ca
Alkaline and Cultus Lakes Wetland Project	4-689	The Alkaline and Cultus Lakes Wetland Project aims to restore two wetlands in the ʔakataḥ qu/ Peckham's area that have been severely impacted by resource users. By installing live-stock exclusion fencing, creating point access watering sites, and redesigning the fence for better wildlife movement and access to water, this project aims to reduce current impacts and restore wetland functionality. Alkaline and Cultus Lakes are part of a water limited ecosystem and remain important sources of water and habitat for a variety of wildlife species.	\$33,184	Hanna McIntyre Ministry of Forests 250-420-6337 hanna.mcintyre@gov.bc.ca
Kootenay Lake Conservation Measures	4-692	Kootenay Lake witnessed an unprecedented collapse of its Kokanee population in 2012, resulting from the build-up of predator abundance that led to unsustainable predation rates. The collapse has left Kokanee in a depensatory state, classic of a "predator pit," which requires immediate and drastic management actions for the recovery of Kokanee. This project will assist with conservation and recovery efforts to restore the predator: prey balance in the lake.	TBD	Molly Teather Ministry of Forests 778-671-9197 molly.teather@gov.bc.ca
Building Climate Resilience Through Beaver Restoration in the East Kootenay	4-693	This project will build climate resilience in the East Kootenay by partnering with beavers in the conservation and restoration of wetlands.	\$5,000	Amélie Mathieu WildKin Veterinary Services 250-421-1160 wildkin.vet@gmail.com
Whatshan Reservoir - Bull Trout Risk Assessment	4-694	A key data gap for the conservation and management of Bull Trout in BC is understanding the species compensatory response. To obtain this information, a paired assessment approach of the stock and subsequent recruitment is required. This project will better assess the ability to undertake a paired assessment, particularly juvenile nighttime snorkel surveys, on this small system and genetically unique Bull Trout population.	\$5,000	Greg Andrusak Ministry of Forests 250-505-4116 greg.andrusak@gov.bc.ca
Expanding the Toolkit of Invasive Plant Management	4-695	East Kootenay Invasive Species Council wants to improve invasive plant management in the East Kootenay by exploring methods that are long term, low maintenance, and effective. This project proposes widespread operational trials in the East Kootenay to determine new methods for invasive plant control, and evaluating if grass seeding alone or in combination with herbicide is an effective tool to decrease invasive plant cover and restore the land base to a functional ecosystem.	\$5,000	Katie Reid East Kootenay Invasive Species Council katie@ekisc.com

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## Approved Projects in Region 4: Kootenays

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Groundhog Field Verifications and Prescriptions Development	4-697	This project will conduct road verification and development of road prescriptions for the Groundhog caribou herd in collaboration with First Nations as part of the restoration sub-group. The fieldwork and prescriptions will be based on a priority list currently being developed by the Shuswap Band.	\$10,000	Genevieve Lachance Ministry of Water, Land and Resource Stewardship 250-551-2433 genevieve.lachance@gov.bc.ca
Columbia North Field Verification and Prescriptions Development	4-698	This project will conduct road verification and development of road prescriptions for the Columbia North caribou herd in collaboration with First Nations as part of the restoration sub-group. The fieldwork and prescriptions will be based on a priority list currently being developed by the Shuswap Band. These prescriptions will be developed on linear features to be restored.	\$10,000	Genevieve Lachance Ministry of Water, Land and Resource Stewardship 250-551-2433 Genevieve.Lachance@gov.bc.ca
Central Selkirks Field Verification and Prescriptions Development	4-699	This project will conduct road verification and development of road prescriptions for the Central Selkirks caribou herd in collaboration with First Nations as part of the restoration sub-group. The fieldwork and prescriptions will be based on a priority list currently being developed by the Shuswap Band.	\$10,000	Genevieve Lachance Ministry of Water, Land and Resource Stewardship 250-551-2433 genevieve.lachance@gov.bc.ca



4-684: Guidelines for Recreation and Industrial Activities Near Wolverine Denning Areas in Montane North America

\*Final Grant amount may be subject to funding condition(s)

## Approved Projects in Region 5: Cariboo

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Fisheries O&M - Cariboo	5-44	Enhance fisheries through lake aeration on Skulow, Irish and Simon Lakes; operation and maintenance of Haines Cr diversion to the 11 sister lakes; dams, weirs, and fish passage restoration on other lakes and streams.	\$56,500	Scott Horley Ministry of Forests 250-302-5817 Scott.Horley@gov.bc.ca
Mid-Fraser River Sturgeon Assessment	5-196	This project focuses on filling knowledge gaps of sturgeon habitat use and behavior in the mid-Fraser. Specifically, this study will improve understanding of stock structure, juvenile recruitment, and adult habitat use in northern sections of the mid-Fraser.	\$33,000	Lynn Avis Ministry of Forests 250-706-6253 lynn.avis@gov.bc.ca
Quality Waters Strategy - Cariboo Region	5-239	The Dean River guardian program will collect the necessary creel information to administer the Dean River draw and implement the Dean River angling management plan. River guardians on the Chilcotin River will monitor steelhead fisheries closure due to extreme conservation concerns.	\$94,101	Lee Williston Ministry of Forests 250-398-4696 lee.williston@gov.bc.ca
Implementation of Cariboo Core Area Bull Trout Monitoring	5-286	This project will implement the recommendations from the Middle and Upper Fraser Bull Trout Management Plan. The overall purpose is to achieve desired outcomes that support sustainable opportunity and long-term stock conservation.	\$47,700	Lynn Avis Ministry of Forests 250-706-6253 lynn.avis@gov.bc.ca
Invasive Mussel Monitoring for the Cariboo Regional District	5-310	This project will monitor lakes in the Cariboo region for invasive mussels through plankton sampling for veliger detection.	\$14,995	Nadine McCosker Invasive Species Council of British Columbia 250-305-1003 outreach@bcinvasives.ca; nmccosker@bcinvasives.ca
Dean River Steelhead Stock Assessment Project	5-327	This project looks to apply telemetry, mark-recapture, and adult counts to evaluate if conservation measures are needed for the Dean River Steelhead fishery. This study will also prescribe a cost-effective monitoring plan to ensure required information is collected to implement necessary management actions if the stock does decline to unsustainable levels.	\$117,972	Russell Bobrowski Ministry of Forests 250-398-4258 russell.bobrowski@gov.bc.ca
Big Bar Slide Sturgeon Assessment	5-332	This project will evaluate sturgeon movement patterns across the Big Bar slide to inform fish passage structure design. The study will improve understanding of sturgeon habitat use, behavior, migration routes, and timing, as well as identify critical overwintering habitat.	\$31,950	Lynn Avis Ministry of Forests 250-706-6253 lynn.avis@gov.bc.ca
Lake Trout Reward Tags and Acoustic Telemetry - Horse Lake	5-339	This project will look to continue acoustic tracking and paying cash rewards for lake trout tagged in Horse Lake. Data collected from this project will improve statistical confidence in the sustainable fishing rate benchmark which will help evaluate the status of lake trout throughout their range and also strengthen conclusions that lake trout in many lakes in BC's Central Interior were over-exploited and in need of more conservative harvest restrictions to ensure long-term sustainability.	\$4,196	Russell Bobrowski Ministry of Forests 250-398-4258 russell.bobrowski@gov.bc.ca

\*Final Grant amount may be subject to funding condition(s)

## Approved Projects in Region 5: Cariboo

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Horsefly River	5-347	The Horsefly River Riparian Conservation area encompasses almost 12 km of the Horsefly River shoreline and associated riparian habitat, along with landscapes of broadleaf forest and tame pasture, totaling an area of 388.9 hectares (960.9 acres). This project will improve the condition of riparian vegetation and reduce sedimentation by limiting cattle access along the Horsefly River through the construction of wildlife friendly riparian fencing along the Horsefly River.	\$49,020	Barbara Pryce Nature Conservancy of Canada 250-880-7416 barbara.pryce@natureconservancy.ca / sarah.bayliff@natureconservancy.ca
Nazko Road Rehabilitation for Moose Habitat Enhancement	5-351	This project aims to enhance 200km <sup>2</sup> of viable moose habitat by rehabilitating 100km of forest resource roads in Nazko First Nations territory to support the declining local moose population.	\$146,747	Brandon Geldart Society For Ecosystem Restoration in Northern B.C. 250-301-7996 brandon.geldart@sernbc.ca
TNG West-Central Chilcotin Linear Features Restoration Program	5-352	This project will commence the engagement, prioritization, permitting, then restoration of numerous roads throughout the Central and Eastern half of the Itcha-Ilgachuz herd range.	\$10,000	Mitchell Warne Tsilhqotin National Government 250-392-3918 mwarne@tsilhqotin.ca
Barkerville Caribou Habitat Restoration	5-354	This project will conduct engagement with First Nations and develop a proposal to restore habitat for the Barkerville caribou herd through functional and ecological restoration of roads and forests.	\$10,000	Pauline Priadka Southern Dakelh Nation Alliance 250-398-3375 wildlifebiologist@dakelh.ca



5-310: Invasive Mussel Monitoring for the Cariboo Regional District

\*Final Grant amount may be subject to funding condition(s)



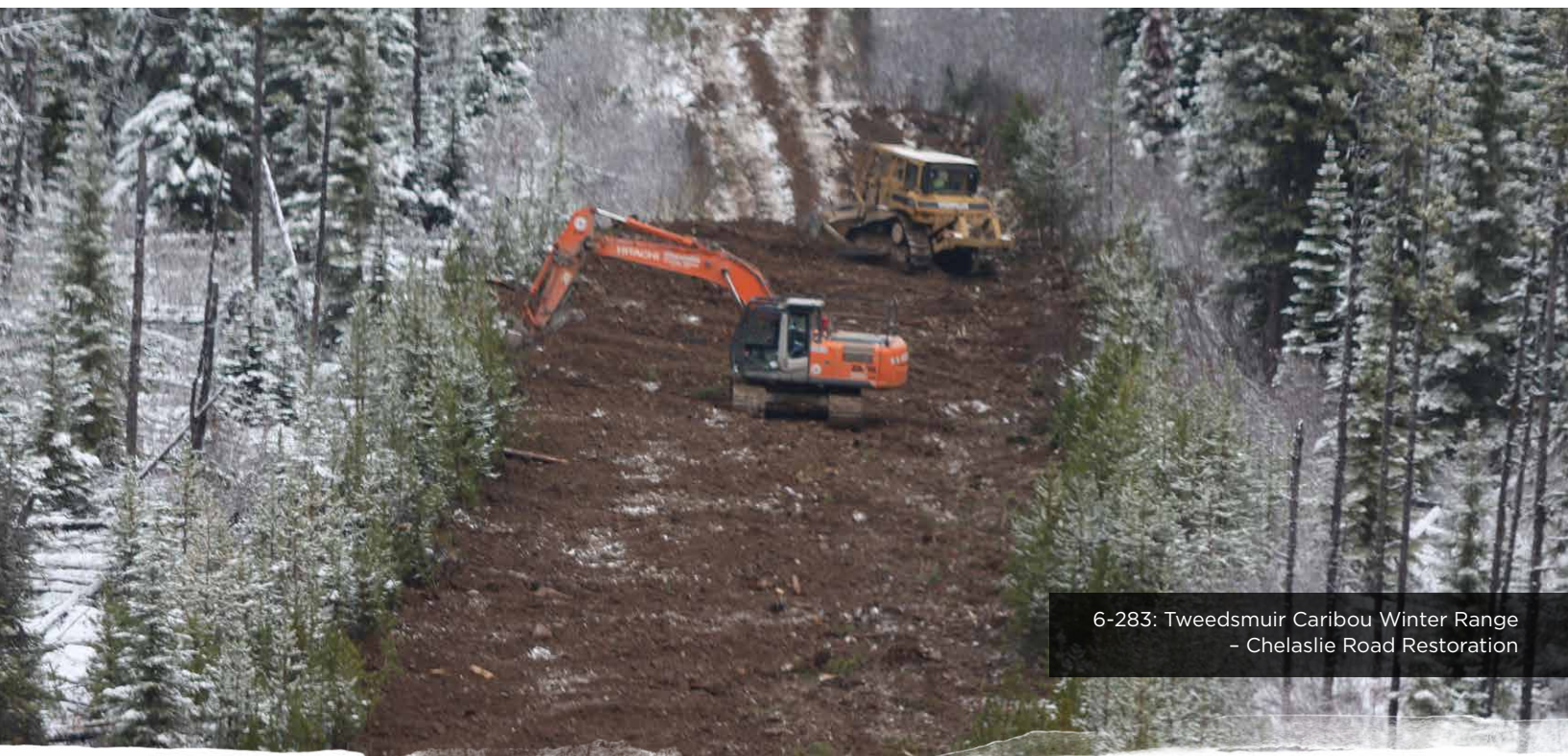
## Approved Projects in Region 6: Skeena

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Biomass/Nutrient & Winter Survey Re-Assessments 3 Years Post Treatment of Scouler's Willow on Old Fort Mountain	6-259	This project will conduct willow biomass production and total nitrogen assessment of year 3 post-treatment of Scouler's willow on Old Fort Mountain, Lake Babine Nation traditional territory, and the Morice Timber Supply Area. In addition, winter assessments of moose habitat classification, moose habitat use, browse availability and browse utilization by moose will be conducted.	\$33,739	Len Vanderstar Bulkley Valley Rod & Gun Club 250-847-9729 lvanderstar1761@citywest.ca
Quality Waters Strategy - Skeena	6-268	This project includes fishery development and planning activities on the Bulkley, Kispiox, and Morice Rivers, including a review of angler effort targets and the feasibility of lottery booking systems. Also includes stock assessment activities on the Skeena, Kitwanga, and Bulkley Rivers.	\$173,000	Kenji Miyazaki Ministry of Forests 250 847-7292 Kenji.Miyazaki@gov.bc.ca
Tweedsmuir Caribou Winter Range – Chelaslie Road Restoration	6-283	This project will benefit the Tweedsmuir–Entiako caribou herd by using functional and ecological techniques to restore 80+ km of road and of fire guard features in high-value low-elevation winter range with the goal of increasing intact caribou habitat and reducing predator-prey interactions through decreasing predator and human access.	\$220,401	Anne-Marie Roberts Ministry of Water, Land and Resource Stewardship 250-876-7040 annemarie.roberts@gov.bc.ca
Skeena Fish Passage Restoration	6-288	This project will facilitate the restoration of fish passage at road crossing structure barriers in the Skeena while helping tie together diverse groups to collaborate for ecosystem restoration. Using GIS planning/data analysis as well as through innovative and collaborative workflows/reporting this project will systematically assess watersheds for connectivity issues while working with First Nations, landowners, tenure holders, project partners and stakeholders to build capacity and implement projects that benefit shared ecosystem values.	\$56,475	Allan Irvine Society for Ecosystem Restoration Northern British Columbia 250-777-1518 al@newgraphenvironment.com
Skeena Region Fluvial Char Baselines	6-292	This project seeks to identify species composition, geographical distribution, and exploitation rates of fluvial chars (Bull Trout and Dolly Varden) in various fisheries in the lower Nass and middle Skeena Rivers using high reward floy tagging, radio tagging, genetic sampling and creel surveying.	\$61,000	Kris Maier BC Ministry of Forests 250-643-7290 Kris.Maier@gov.bc.ca
Effects of Partial Logging on a Predator Guild	6-296	This project will examine predator habitat use and selection in forests harvested using partial logging practices compared to traditional logging and unlogged forests. Using camera trapping, snow track transects, and backtracking this study will determine how these species use each habitat type.	\$30,452	Dr. Hodges University of British Columbia Okanagan 250-807-8763 karen.hodges@ubc.ca
Atlin East Sheep Movement Monitoring & Baseline Health Assessment	6-299	The Taku River Tlingit First Nations and Province of BC partnered to monitor habitat use, migration, and health of Tawéi (Tlingit word for thinhorn sheep) near Atlin. This research will support understanding potential effects from a hydro-dam and will build on traditional and scientific knowledge on the Atlin East herd that will help better manage Tawéi.	\$83,650	Shannon Whelan TRTFN Wildlife Division 250-651-7900 wildlife.coordinator@gov.trtfn.com

\*Final Grant amount may be subject to funding condition(s)

## Approved Projects in Region 6: Skeena

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Whitesail	6-306	This project will restore 86 km of roads to reduce predator and human access within the Whitesail Priority Restoration Area for the Tweedsmuir-Entiako caribou herd.	\$98,028	Kari Stuart-Smith Canfor 250-426-9380 kari.stuart-smith@canfor.com
Middle Skeena Summer Steelhead Juvenile Assessments	6-314	This project will assess juvenile interior summer steelhead densities in high angler use tributaries of the middle Skeena River watershed, in order to gain an understanding of juvenile seeding and recruitment in times of low productivity compared to historic surveys during moderate to high adult steelhead abundance.	\$5,000	Kenji Miyazaki Ministry of Forests 250-876-7092 kenji.miyazaki@gov.bc.ca
Factors That Affect Genetic Diversity and Distribution of Coastal Wolves in Northern BC	6-316	This project aims to characterize the genetic distribution of potential at-risk subspecies of wolves in coastal BC and identify potential geographical barriers to movement that may enhance genetic diversity.	\$50,232	Mark Boyce The Governors of the University of Alberta 780-492-0081 boyce@ualberta.ca
Telkwa Caribou Herd Range	6-319	This project will conduct preliminary work to develop a proposal to restore habitat for the Telkwa caribou herd through functional and ecological restoration of untenured forestry roads in priority areas with input from First Nations.	\$10,000	Carlie Quinn Ministry of Water, Land and Resource Stewardship 250-877-0095 Carlie.Quinn@gov.bc.ca



6-283: Tweedsmuir Caribou Winter Range  
- Chelaslie Road Restoration

\*Final Grant amount may be subject to funding condition(s)

## Approved Projects in Region 7: Omineca/Peace

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Fisheries O&M - Peace	7-98	Operation & Maintenance 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.	\$23,500	James Morgan Ministry of Forests james.morgan@gov.bc.ca
Enhancing Caribou Survival Within the Klinse-Za Herd	7-436	The goal of this proposed project is to enhance the survival of caribou cows and their calves in the Klinse-Za caribou herd through maternal penning. Through the accomplishments of this project to date, and several complementary emergency measures implemented to recover the population, Nikanese Wah Tzee Stewardship Society has successfully averted the extirpation of the herd, and now work to offset low calf recruitment in the free-ranging population and maintain a positive population trend.	\$41,000	Line Giguere Nikanese Wah Tzee Stewardship Society 250-997-5700 line.giguere@wildlifeinfometrics.com
Sharp-tailed Grouse Habitat Restoration and Enhancement in the Peace Region	7-507	Sharp-tailed grouse habitat in the Peace Region is being lost to a natural succession and industrial development, resulting in the loss of important breeding habitat. Using prescribed burning and other restoration techniques (e.g., manual brushing), in this third year of the habitat restoration program, approximately 130 ha of sharp-tailed grouse breeding habitat will be restored by removing encroaching tree cover, reducing tall, dense shrubs, and increasing herbaceous cover.	\$49,267	Alicia Woods Ridgeline Wildlife Enhancement Inc. 250-262-9630 alicia@ridgelinewildlife.ca
Mule Deer Monitoring in Vanderhoof Area	7-508	Vanderhoof fish and game club will provide bi-annual mule deer monitoring ground transect surveys in the Nechako Valley. These surveys will provide current conditions, long term data sets indicating trend, annual variability due to weather conditions (i.e., winter die-offs), inform management decisions, and provide recommendations using current trend data to implement appropriate hunting seasons.	\$3,462	Olin Albertson Nechako Valley Sporting Association 250-649-4279 oalbertson@hotmail.com
Amoco Road Restoration	7-528	This project has, in previous years, resulted in functional and ecological restoration treatment of 1,136 ha of impacted area in the Klinse-Za caribou herd area. In this project year, Níkanêse Wah tzee Stewardship Society will conduct post-treatment monitoring of treatment effectiveness.	\$49,849	Tamara Dokkie Níkanêse Wah tzee Stewardship Society 250-788-3663 tamara.dokkie@westmo.org
Health and Behaviour of BC's Southernmost Stone's Sheep	7-538	This project focuses on the two most southern functionally viable herds of Stone's sheep (i.e., Dunlevy and Schooler ranges). The project's goal is to help guide herd management and inform planning for habitat enhancement to support these at-risk herds.	\$26,725	Robin Routledge Wild Sheep Society of BC 250-262-9058 Robin.wssbc@gmail.com
Prescribed Burns for Wild Sheep Enhancement in Northeastern BC	7-540	This project will restore and enhance sheep habitat in current and historical range to support and grow healthy sheep populations. Non-forested habitats, including natural sub-alpine grasslands and grassland-shrub complexes, will be treated with prescribed fire to increase the quantity and quality of forage, increase the traversability of sites by removing blow down and dense shrubs, and decrease vertical structure to meet the seasonal foraging requirements of wild sheep.	\$123,462	Alicia Woods Ridgeline Wildlife Enhancement Inc. 250-262-9630 adwoods04@gmail.com

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## Approved Projects in Region 7: Omineca/Peace

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Peck Creek-Upper Carbon	7-543	This project has, in previous years, resulted in functional and ecological restoration of 1,287 ha of road in the Klinse-Za caribou herd area. In this project year, Níkanêse Wah tzee Stewardship Society will conduct post-treatment monitoring of treatment effectiveness.	\$61,476	Tamara Dokkie Níkanêse Wah tzee Stewardship Society 250-788-3663 tamara.dokkie@westmo.org
Callazon-Clearwater Valley: 4000 and 3800 Roads	7-554	This project will result in the functional and ecological restoration of approximately 16.3 km of linear corridors on two sites in the Clearwater Valley.	\$254,809	Tamara Dokkie Níkanêse Wah tzee Stewardship Society 250-788-3663 tamara.dokkie@westmo.org
Stone's Sheep Seasonal Range Use in the Omineca Region	7-570	Sheep ranges in British Columbia's Omineca Region constitute the south-central portion of global Stone's sheep range and is generally poorly understood. This project aims to define herd boundaries and habitat selection in the Tatlatui, Swannel, and Russel ranges to better monitor and evaluate population trends, harvest pressure, and habitat management options.	\$27,500	Robin Routledge Wild Sheep Society of BC 250-262-9058 Robin.wssbc@gmail.com
Tabor Mountain Wildlife Viewing Area Revitalization	7-583	This project will enhance sightlines and visibility for the public to enjoy the Tabor Mountain viewing area platform by removing conifers and increasing brush availability to moose. Accessibility to the platform will be increased and new informative and educational signs will be added.	\$15,433	Daryl Schultz Spruce City Wildlife Association 250-961-5525 darylcolleen@yahoo.ca
Prescribed Burns for Moose, Elk, and Deer in the Doig River Area.	7-584	In the Doig River First Nation's traditional territory, prescribed burns were historically used by Indigenous communities, land-owners, and wildlife managers to maintain ecosystems in an early seral (without closed-canopy forest) state to provide habitat for wildlife. The Doig River Habitat Burn project will restore and enhance habitat for moose, elk, and deer to grow wildlife populations and support both Indigenous and resident harvest.	\$10,000	Alicia Woods Ridgeline Wildlife Enhancement Inc. (on behalf of Doig River First Nation and North Peace Rod & Gun Club) 250-262-9630 alicia@ridgelinewildlife.ca
Effects of Landscape Change on Moose Health in Central BC	7-588	This project aims to identify habitat variables associated with transmission of parasites to moose and to identify key trace nutrients associated with moose immune function, survival, and pregnancy. It will draw on existing data from the ongoing Provincial Moose Research Program and supplement these data with field surveys and lab analyses to provide further information about the effects of forest management and climate change on moose health and population trends.	\$80,662	Heather Bryan University of Northern British Columbia 250-960-5861 heather.bryan@unbc.ca
Influence of Prescribed Burning on Northern Ungulates – 13 Years Post-Burn	7-589	This project will assess the long-term influence of prescribed fire on forage characteristics for Stone's sheep and elk. It will make recommendations to improve the current prescribed burning practices relative to effective timing by contrasting plant and animal response along a time series: immediate response (year of the burn and 1 year after burning), mid-term response (7 years post burn), and longer-term (13 years post burn).	\$84,656	Krista Sittler Wildex Consulting Ltd. 250-640-1618 krista@wildex.ca

\*Final Grant amount may be subject to funding condition(s)

## Approved Projects in Region 7: Omineca/Peace

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Westside Fort Nelson (Parker) Caribou Range	7-591	This project will monitor the functional and ecological restoration treatment effectiveness in year 6 after restoration treatments were implemented in Zone 1 of Westside Fort Nelson boreal caribou range (Parker range).	\$70,000	Paula Bentham WSP Golder 780-930-8661 paula.bentham@wsp.com
Helicopter Lakes	7-592	This project will use ecological and functional restoration techniques to restore 8.5 km of road within core low elevation habitat for the Chase caribou, within the Chuyaza Conservancy established by Tsay Keh Dene Nation.	\$53,000	Sean Rapai Chu Cho Environmental LLP. 250-612-8043 sean@chuchoenvironmental.com
SugarBowl-Grizzly Den Provincial Park and Protected Area Legacy Linear Features Restoration Project	7-593	This project will benefit the North Cariboo caribou subpopulation by functionally restoring 20 km of forest harvesting legacy linear features in Sugarbowl-Grizzly Den Provincial Park and Protected Area, thereby reducing predator movement and eliminating human recreational access within this important low/mid elevation caribou habitat.	\$134,910	Barb Anderson Ministry of Water, Land and Resource Stewardship 1- 778-693-3202 Barbara.Anderson@gov.bc.ca



7-538: Health and Behaviour of BC's Southernmost Stone's Sheep

\*Final Grant amount may be subject to funding condition(s)

## Approved Projects in Region 8: Okanagan

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Wildlife Habitat Stewardship and Enhancement in the Okanagan and Similkameen	8-90	This project continues to build on the successes of Okanagan Similkameen Stewardship, supporting land stewardship, conservation, and enhancement activities. This initiative provides assistance and support to landowners and land managers in conservation, stewardship, and enhancement of wildlife habitats on private land while maintaining other land-use practices such as agriculture and eco-tourism. This program will develop recommendations for landowners with respect to best management practices and management plans for coexisting with wildlife on your property and support projects, such as native plant enhancement, shoreline fencing, and invasive plant management to enhance wildlife habitat in our communities.	\$50,000	Alyson Skinner Okanagan Similkameen Stewardship Society 250-770-1467 alyson@osstewardship.ca
Fisheries O&M - Okanagan	8-124	This project covers Operations and Maintenance of the aeration of high effort small lakes fisheries, Burnell Lake aerator operation and water diversion maintenance, Kidd Lake aerator operation, Yellow Lake aerator operation, Gardom Lake aerator operation, Martins Lake aerator operation; dam maintenance on 14 Okanagan region lakes with conservation water licenses; and maintenance of kokanee (and rainbow) spawning habitat, Mission Creek spawning channel maintenance, Vaseux Creek fishway maintenance, Peachland Creek restoration structure maintenance and gravel scarification, Vernon creeks restoration structure maintenance.	\$87,000	Tara White Ministry of Forests 250-490-2287 tara.white@gov.bc.ca
Mission Creek Restoration Initiative - Restoration Implementation and Effectiveness Monitoring	8-320	This project is the first step in implementing the Lower Mission Creek Habitat Conservation and Restoration Plan. This year's focus is on delivery of an on-the-ground restoration project as directed by the engineered design which is currently under development, and effectiveness monitoring.	\$108,271	Steven Matthews BC Conservation Foundation 250-809-9840 matthewsenvconsulting@gmail.com
Restoring Riparian Black Cottonwood Ecosystems of the Kettle River Watershed	8-433	The Riparian Black Cottonwood Forests of the Kettle River Watershed are considered one of the rarest ecosystems in the province. These areas provide key habitat for the life cycle of several species at risk in the area including the Lewis's Woodpecker. This project will work with local governments and private landowners on restoring these areas by planting native species and protecting mature and decadent cottonwood trees to maintain structural and species diversity in this ecosystem.	\$40,400	Jenny Coleshill Granby Wilderness Society 250-442-5088 jenny.coleshill@granbywilderness.ca
Mussel Sampling Boundary Area	8-436	This project will monitor Jewel Lake for invasive mussels through sampling to test for the presence of mussel veligers.	\$5,499	Barb Stewart Boundary Invasive Species Society 250-449-1488 manager@boundaryinvasives.com

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## Approved Projects in Region 8: Okanagan

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Christina Lake Invasive Mussel Monitoring	8-437	This project will monitor Christina Lake for the presence of invasive mussels through sampling for the detection of mussel veligers.	\$3,951	Lyra Tuck Christina Lake Stewardship Society 250-447-2504 clss@shaw.ca
Okanagan Invasive Mussel Monitoring	8-438	This project will monitor for invasive mussels in the Okanagan region including plankton tow sampling for veliger detection.	\$16,901	Lisa Scott Okanagan and Similkameen Invasive Species Society 250-404-0115 oasiss@shaw.ca
Enhancement of Winter Range Habitat for Mule Deer in Douglas-fir Forests	8-452	This habitat enhancement project is designed to investigate a range of harvesting options in mule deer winter range in the Bald Range west of Summerland. The goal is to maintain overstory cover and stimulate forage production.	\$22,730	Thomas Sullivan Applied Mammal Research Institute 250-494-7160 tom@appliedmammal.com
Restoration of Habitat for Mustelids and Tree Squirrels in Beetle-Damaged Forest	8-465	Restoration of wildlife habitat after salvage harvesting of Mountain Pine Beetle killed pine stands include an array of stand thinning regimes to restore coniferous forests and enhance their habitat attributes for small mustelids and tree squirrels. These thinned stands will be compared to uncut old-growth forests in terms of stand structure and measurements of mustelid activity and tree squirrel populations.	\$31,500	Thomas Sullivan Applied Mammal Research Institute 250-494-7160 tom@appliedmammal.com
Upper Shuswap River Drainage Bull Trout Assessment	8-466	This project will assess the status of the bull trout population in the Upper Shuswap drainage and identify appropriate management options and angling regulations to address conservation concerns and maintain a sustainable quality fishery.	\$52,737	Tara White Ministry of Forests - Fish & Wildlife Branch 778-622-6839 Tara.White@gov.bc.ca
Western Screech Owls in a Changing Climate	8-490	This project aims to determine how threatened Western Screech Owls in southcentral British Columbia are being impacted by changes in climate, namely temperature fluctuations and extreme heat events, and whether riparian areas act as climate refugia for owls.	\$49,128	Dr. Hodges The University of British Columbia 250-807-8763 karen.hodges@ubc.ca
Hot Bats: Planning Bat Conservation in a Warming World	8-492	This project will identify critical bat maternity roosts for several species and inform the creation of tailored artificial habitat buffered against heatwaves to improve conservation outcomes and species persistence in a warming world. This work will provide urgently needed insight into how bat survival, reproduction and habitat requirements may be impacted by climate change and will inform management and recovery plans.	\$22,150	Zenon Czenze University of Regina 048-414-3971 zczenze@une.edu.au

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## Approved Projects in Region 8: Okanagan

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Lower Trout Creek Re-Naturalization	8-493	The current work expands re-naturalization construction effort initiated in the previous year and will result in 3 additional riffles and bankfull/floodplain expansion. Re-vegetation efforts will continue in the floodplain, restoring black cottonwood and water birch/rose riparian habitat, and big basin sagebrush plant communities adjacent to the floodplain.	\$78,940	Karilyn Alex Okanagan Nation Alliance 250-707-0095 KAlex@syilx.org
Pleasant Valley Wetland Heritage Park	8-500	BC Small Wetlands Association (BCSWA) is restoring a small area of wetland and forest through the development of wetland ponds and by planting native trees and shrubs that are culturally important to the Secwepemc people of the valley. BCSWA works to promote the important role small wetlands play in climate change resilience and to highlight the vulnerability and insecurity of small BC wetlands under one hectare, both in rural areas and close to municipalities, that are not surveyed and therefore not protected.	\$22,000	Barbara Craven B.C. Small Wetlands Association 250-546-5021 bacraven@telus.net
Owl Habitat Suitability in Recently Burned Areas	8-501	This project aims to evaluate how large-scale wildfires of differing severities and ages affect the distribution of owl species in the Thompson-Okanagan region. It will determine which owl species are associated with the forest attributes characteristic of different stages of post-fire forest regrowth by conducting passive acoustic surveys and callback surveys, as well as locating nests and evaluating prey consumption from pellets.	\$83,918	Karen Hodges The University of British Columbia 250-807-8763 karen.hodges@ubc.ca
Wood Lake Kokanee Population Assessment and Active Management	8-503	This project aims to assess the kokanee population status of Wood Lake after conservation concerns of overharvest and declines due to stochastic environmental impacts. It will evaluate the current angling regulations and identify appropriate management actions in-season to conserve native kokanee stocks and sustain a quality fishery.	\$31,382	Kristen King Ministry of Forests 778-476-8815 kristen.king@gov.bc.ca
Mission Creek Spawning Channel Intake Repairs	8-505	The purpose of this project is to complete repairs on the Mission Creek Spawning Channel intake to maintain kokanee access and egg-to-fry survival, thereby preserving the longevity of the spawning channel.	\$20,430	Tara White Ministry of Forests, Fish & Wildlife Branch 778-622-6839 Tara.White@gov.bc.ca
Assessing Indigenous Cultural Ecosystems in the Syilx Nation	8-506	This project draws on the knowledge and expertise of members of the Syilx Nation to demonstrate and describe the principles of a culturally appropriate process for assessing the conservation status of culturally important species or ecosystems, while promoting protection and restoration of these ecosystems through continued Indigenous presence on the land. The focus is on a rare or 'at risk' Indigenous culturally significant ecosystem that has been, and continues to be, maintained and cultivated by the nation, and is important habitat for wildlife and numerous species at risk.	\$10,011	Jason Straka En'owkin Centre 250-419-8990 jason.straka@gov.bc.ca
Mabel Lake Bull Trout Feasibility Analysis	8-507	This project will support reconnaissance surveys in the Mabel Lake drainage to confirm potential bull trout habitat, identify access/migration barriers and determine if extension of the Sugar lake work into the Mabel Lake drainage is warranted.	\$5,000	Tara White Ministry of Forests, Fish & Wildlife Branch 778-622-6839 Tara.White@gov.bc.ca

\*Final Grant amount may be subject to funding condition(s)



## Approved Projects in Region 8: Okanagan

Project Name	Project #	Project Description	Grant Amount *	Contact Information
Okanagan Wild Sheep Disease Management – Psoroptic Mange Treatment Planning	8-508	Previous research on captive animals identified an oral anti-parasitic that could clear bighorn sheep of Psoroptes infestation, but further study is required to determine if and how long the drug is effective, and how it can be delivered to free-ranging sheep and provide wildlife managers with an effective strategy to eradicate the disease in affected populations. The information provided by this trial could form the foundation of a future disease treatment initiative, providing wildlife managers with an effective strategy to treat and eradicate the disease in affected populations.	\$5,000	Cailyn Glasser Okanagan Nation Alliance 250-469-1595 cglasser@syilx.org



8-492: Hot Bats: Planning Bat Conservation in a Warming World

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