




APPROVED PROJECT LIST 2016-2017

Regional Project Index


Multi Region Projects	1
Vancouver Island Projects	6
Lower Mainland Projects.....	9
Thompson/ Nicola Projects	13
Kootenay Projects.....	16
Cariboo Projects	19
Skeena Projects.....	20
Peace/Omineca Projects	21
Okanagan Projects	24

Multi Region Projects


(Projects and Programs Benefitting Multiple Regions of British Columbia)

Project Name	Project #	Project Description	Approved Funding	Project Leader/ Organization
Public Conservation Assistance Fund	0-94	Funding for local conservation groups to participate in and contribute to qualifying fish and wildlife conservation projects in their communities.	\$150,000	Kathryn Martell HCTF 250-940-9785
Wetland Partnership Program 	0-247	Ducks Unlimited Canada (DUC) will use HCTF funds to 1) restore wetland habitat at four locations for the benefit of waterfowl and other wildlife, and 2) conduct preliminary work in preparation for five high-priority restoration projects planned for construction immediately and in future years.	\$250,000	Brad Arner Ducks Unlimited Canada 250-374-8307
Crown Land Securement Partner Program	0-339	The Crown Land Securement Partner Program will assist the Province to secure fish and wildlife habitat reserves and to complete the background and consultation work required to bring forward proposed Wildlife Management Area designation packages for up to 20 sites throughout BC over the next five years.	\$25,001	Laurie Desrosier The Nature Trust of British Columbia 604-924 9771




Vancouver Island Stream Enrichment - Application and Monitoring	0-343	Four Vancouver Island Steelhead rivers (Harris Creek; Chemainus, Tsitika & Nimpkish rivers) will continue to be monitored for low level nutrient concentrations and periphyton growth.	\$39,668	Shawn Stenhouse British Columbia Conservation Foundation (Lantzville) 250-716-8776
NatureKids BC: Nature Clubs Project 	0-398	NatureKids BC Nature Clubs Project builds the next generation of outdoor enthusiasts and lifelong environmental stewards through a strategy of youth engagement and action. In this cycle, 7500 youth ages 5-12 in 50 nature clubs across BC will learn about and step-up for nature with 1500 hands-on, outdoor nature adventures and stewardship projects.	\$20,001	Kristine Webber Young Naturalists' Club of BC Society 604-985-3057
White Sturgeon Questionnaire\Recreational Fishery Monitoring	0-406	This project will use information provided by White Sturgeon recreational anglers and licenced Angling Guides to report on White Sturgeon fishing effort and catch in the Middle and Lower Fraser River of BC. This year will use mail-out and email questionnaires as well as ground based and aerial angler surveys to monitor catch and effort, and test the accuracy of the questionnaires and angling guide reports.	\$70,742	Erin Stoddard Ministry of Forests, Lands and Natural Resource Operations Reg 2 604-582-5374
Enhancing Angling Opportunities, Participation Rates and Licence Sales in the BC Small Lakes Rainbow Trout Fishery	0-435	This program will determine the best management practices to increase fishing effort, participation and license sales in the BC small lakes fishery. This is being accomplished through a series of experimental changes in current management practices distributed across the Okanagan, Thompson, Cariboo, and Omineca Regions, with assessments of angler effort response and fishing quality assessments. This is a five year, large-scale adaptive management effort, coordinated across regions, which will result in the development of a scientifically sound strategic plan to optimize the BC small lakes fishery.	\$75,000	Adrian Clarke Freshwater Fisheries Society of BC 250 414-4200
BC/TNT Joint Conservation Land Management	0-451	Funding provided by HCTF will assist with the operation and maintenance of approximately 115 significant conservation lands across British Columbia.	\$617,500	Karen Wipond Ministry of Forests, Lands and Natural Resource Operations HQS 250-356-7669
Helping trappers ensure sustainable harvests of fishers and wolverines	0-460	This project aims to use landscape genetic analyses to identify functional population units for fishers and wolverines within BC. This information will be used to help trappers and wildlife managers better evaluate sustainable harvest levels for these wide-ranging, low-density species of conservation concern.	\$29,558	Richard Weir Ministry of Environment (0) 250-356-8186



Fraser River Sturgeon Conservation Society Volunteer Training Video	0-463	This project is to create a training video resource to supplement current FRSCS volunteer training program. The video will outline proper sampling protocols for ongoing research study to monitor and assess the health and status of the Fraser River White Sturgeon population as well as showcase proper handling protocols as per the FRSCS sampling permit. This project builds on previous FRSCS video project "Can You Handle It" and will use key footage acquired during the course of that production.	\$20,453	Sarah Schreier Fraser River Sturgeon Conservation Society 778-322-7345
Wild/domestic sheep and goat separation	0-466	This grant will be used to fund a part-time provincial program coordinator to deliver a multi-stakeholder, government, First Nations program that reduces the risk of disease transmission from domestic sheep/goats to wild sheep through education, outreach, farm-by-farm mitigation, positive marketing for Wild Sheep Safe certification, and the development of overarching regulatory framework.	\$38,500	Helen Schwantje Ministry of Forests, Lands and Natural Resource Operations HQS 250-953-4285
Grizzly Bear Coexistence Solutions 	0-467	Human-grizzly bear conflicts create very real and tangible threats for BC rural residents and recovering grizzly bear populations, especially in low elevation bear habitats that overlap with agricultural activities. This project promotes coexistence between grizzly bears and residents by providing education and outreach about attractant management and using correctly installed and maintained electric fencing to reduce grizzly bear conflicts regarding crops and livestock. As conflicts are reduced, tolerance for grizzly bears will be increased and human/grizzly bear coexistence will be improved in low elevation habitats that provide linkage between grizzly bear populations.	\$18,505	Gillian Sanders British Columbia Conservation Foundation (Kamloops) 250-353-1137
Improving our understanding of Least Weasels in BC	0-473	This project aims to improve our knowledge about the status of least weasels in BC and identify possible threats to their populations. This will be achieved through efforts to better refine the distribution of the species in BC, collecting basic population information, and helping managers ensure that their activities do not jeopardize the sustainability of least weasel populations.	\$27,000	Larry R. Davis Davis Environmental Ltd 250-398-7353
Got Bats? B.C. Community Outreach, Conservation and Citizen Science Project	0-476	"Got Bats?" is a network of community bat projects across BC that promotes bat conservation through the detection and protection of bat roosts, education to counter negative attitudes towards bats, installation of bat-houses, and a province-wide Citizen Science bat count to detect declines due to White Nose Syndrome and other threats. The	\$50,000	Katie Calon British Columbia Conservation Foundation (Surrey) 604-576-1433




		project is implemented by local established stewardship organizations with direct landowner contacts in each region. The network has increased to 13 partners from 10 in Year 1 of the project.		
Provincial Fisheries Operations and Maintenance	0-485	The Provincial Fisheries O+M program provides funding for the operations and maintenance of fisheries infrastructure on Vancouver Island, in the Thompson-Nicola, Okanagan, Kootenays, Cariboo, and Peace.	\$319,053	Vicki Marshall Ministry of Forests, Lands and Natural Resource Operations HQS 250-387-9788
Identifying barriers to gene flow among badger populations	0-495	This project aims to use genetic information (from archived and new field samples) to identify barriers to gene flow among badger populations in British Columbia. This new knowledge will aid in conservation and population recovery of this endangered designatable unit by helping conserve linkages to the larger Great Basin population (USA).	\$25,425	Richard Weir Ministry of Environment (0) 250-356-8186
Clarifying problematic distributions and habitat use of amphibians at risk in southwestern British Columbia using environmental DNA methods.	0-500	This project proposes to investigate the distribution of four frog species of conservation concern. An accurate understanding of the current distributions is required to support appropriate management and species recovery. Environmental DNA methods will be applied, in collaboration with university partners, to achieve increased survey efficacy and accuracy relative to conventional methods.	\$43,943	Kristiina Ovaska Biolinx Environmental Research Ltd. 250-727-9708
South Chilcotin Grizzly Bear Habitat Selection	0-503	The intent of this project is to develop multiple scale resource selection function (RSF) spatially explicit habitat models across the threatened South Chilcotin Grizzly Bear Population Unit (GBPU). This project is necessary to facilitate full recovery of the threatened South Chilcotin GBPU. Determining which habitats and food resources are selected more than others across the study area will guide the development of appropriate management strategies that will ensure adult females are able to meet their energetic demands for reproduction and rearing of cubs.	\$48,672	Francis Iredale Ministry of Forests, Lands and Natural Resource Operations Reg 3 250-371-6241
Monitoring and Protecting BC's bat diversity prior to White-Nose Syndrome	0-511	White-nose Syndrome continues to devastate eastern bat populations, and advance westward in Canada. We will work with cavers and other citizen scientists to identify critical bat habitat, and establish baseline species diversity and relative abundance -- reference points necessary for future monitoring, surveillance, mitigation, and recovery.	\$57,976	Cori Lausen WCS Wildlife Conservation Society Canada
Invasive nutria (Myocastor coypus) surveys in the Lower Mainland and South Coast.	0-513	This project will determine the distribution of nutria in BC. The nutria is a highly invasive semi-aquatic rodent that has significant impacts to wetland and riparian ecosystems. This project will also raise awareness and build capacity for	\$16,000	Dominique Sigg Ministry of Environment (0) 250-356-0244



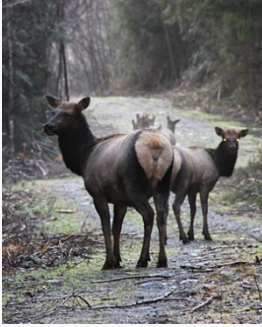
		reporting and management of this invasive species among partners and stewardship groups.		
Green Shores Education and Training (Green Shores Academy)	0-514	To develop and deliver Green Shores for Homes education and training through a “Green Shores Academy” to bring needed education and training on Green Shores best management practices for freshwater shorelines through the use of a regional training delivery model.	\$4,900	DG Blair Stewardship Centre for BC 1-866-456-7222



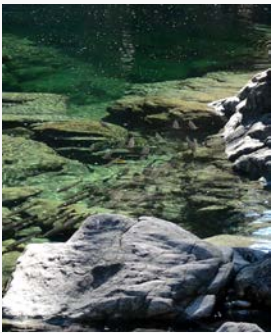
Vancouver Island Projects

Project Name	Project #	Project Description	Approved Funding	Project Leader
Keogh River Steelhead Population Dynamics	1-319	The Keogh River Research Facility has been in operation since 1976 to annually enumerate salmonid smolt output and winter run steelhead adult returns. The ability to fully enumerate smolt output provides a unique opportunity to obtain precise and accurate smolt-to-adult survival used to understand population and recruitment dynamics of steelhead populations in BC.	\$118,900	Trevor Davies Ministry of Forests, Lands and Natural Resource Operations HQS 250-387-3561
Fostering Wetland and Upland Restoration for Fish and Wildlife on Salt Spring Island	1-490	Over 2 years, the Salt Spring Island Conservancy's (SSIC's) project will restore and protect freshwater sources, particularly by enhancing and restoring wetland, riparian and upland habitat on its Blackburn Lake Nature Reserve, which encompasses two thirds of the wetlands around the lake and all creeks flowing into and out of the lake.	\$35,000	Christine Torggrimson Salt Spring Island Conservancy 250-538-0318
Flow augmentation to increase steelhead production	1-509	The project will evaluate the benefits of flow augmentation to increase juvenile steelhead summer rearing habitat and smolt production as a restoration method for depressed steelhead populations.	\$37,099	Trevor Davies Ministry of Forests, Lands and Natural Resource Operations HQS 250-387-3561
Georgia Depression Western Bluebird Reintroduction Project 	1-538	This project will re-establish a breeding population of Western Bluebirds to their historic range in the Georgia Depression, contributing to building a self-sustaining regional population in the Salish Sea. Through extensive community engagement, it will enhance integrity and protection of endangered Garry Oak ecosystems and build a core of citizen scientists and stewards for long-term habitat conservation.	\$29,678	Val Schaefer Garry Oak Ecosystems Recovery Team (GOERT)
Vancouver Island Small Lakes Fertilization Pilots	1-572	Two small lakes on Vancouver Island will continue to be enriched and monitored in 2016/17 using liquid nutrients to increase primary productivity (to promote fish growth). Other lakes on the south island are currently being confirmed as suitable lakes for enrichment. One lake may be suitable for a 3n Kokanee fishery, the first of its kind on Vancouver Island.	\$19,331	Jeremy Damborg British Columbia Conservation Foundation (Lantzville) 250-716-8776
Cowichan Lake Shoreline Stewardship - Fish & Wildlife Habitat Restoration Pilots	1-583	At up to 10 private and/or public lake shore properties, innovative bioengineering and riparian habitat improvement techniques will be used to restore aquatic and riparian ecological productivity. Projects will engage resource professionals, trained volunteers, educators, students and lake shore owners in successful demonstrations of the value of naturalized shorelines, partnerships and enhanced stewardship practices.	\$25,000	Craig Wightman British Columbia Conservation Foundation (Lantzville) 250-390-2525




Estimating Cougar Populations on Northern and Central Vancouver Island using DNA mark-recapture techniques	1-589	This project utilizes DNA-based mark-recapture inventory techniques and closed spatial mark-recapture modelling to create science-based cougar population estimates for Vancouver Island. When the Northern study area is completed, the central study area will be inventoried.	\$36,022	Jerry MacDermott Ministry of Forests, Lands and Natural Resource Operations Reg 1 250-751-3229
West Coast Roosevelt Elk Augmentation and Recovery Project 	1-599	The primary objective of this project is to re-establish viable Roosevelt Elk populations in wilderness areas of the West Coast Region while mitigating conflicts through translocation of elk from agricultural areas and along the highways of Vancouver Island, BC. Partnerships with community organizations, stakeholders, industry and First Nations governments, for translocations are key to facilitate recovery of this blue-listed species on Vancouver Island and are proven as instrumental on the mainland coast. Relocated herds will help improve ecosystem function and provide future opportunities for sustenance and recreational uses in new population units.	\$15,000	Billy Wilton Ministry of Forests, Lands and Natural Resource Operations Reg 1 250-751-3213
Western Toad Winter Habitat Requirements in Modified Landscapes on Vancouver Island	1-613	Western Toads will be radio-tracked to hibernation sites in a highly modified, human-dominated landscape on Vancouver Island to determine if toads select winter habitats that are limited in supply and under threat, producing guidance for winter habitat conservation practices applicable throughout BC.	\$43,330	Elke Wind E. Wind Consulting 250-716-1119
Lower Cowichan River Riparian Rehabilitation Program	1-623	On the lower Cowichan River, BCCF will complete an inventory of mainstem riparian conditions and, with landowner and local stakeholder support, implement the first year of a riparian rehabilitation program to restore altered and impaired habitats where possible and increase capacity for rearing trout and salmon. BCCF will promote riparian habitat protection and work with Cowichan Tribes and local Roundtable members to improve understanding of the high value of quality habitat for healthy fish stocks.	\$22,988	James Craig British Columbia Conservation Foundation (Lantzville) 250-390-2525
Ayum Watershed Good Neighbours	1-629	HAT will reach out to residents of Ayum, Veitch, and nearby watersheds to provide education, advice and training on sustainable land care practices that will support the ecological integrity of the Sea-to-Sea Green Blue Belt. HAT's community demonstrations and stewardship outreach events will restore habitat to support fish and wildlife.	\$26,017	Jill Robinson Habitat Acquisition Trust 250-995-2428
Little Qualicum, Englishman and Chemainus River Fish Habitat Structure Enhancements	1-631	BCCF will re-examine fish habitat structures installed in the Little Qualicum River between 2002 and 2004, confirm actions required and perform structural upgrades, key maintenance and safety improvements to maximize fish rearing opportunities, extend structure life and cost-	\$28,432	James Craig British Columbia Conservation Foundation (Lantzville) 250-390-2525




		effectiveness, and reduce failure risk.		
Lower Gordon River Steelhead Passage Improvement 	1-635	A passage impediment in the form of a broad shallow gravel bar in the lower Gordon River was identified in the summer of 2015. Approximately 50% of the summer Steelhead population was found below the riffle trapped in a relatively shallow pool at the end of June. Indications are that this is a relatively frequent problem which the severity is linked to late spring/early summer flows. Although access to the site is good, there is not a clear consensus as to what an appropriate solution may be. This seed will facilitate discussion and planning with a hydraulic engineer to develop a cost effective solution.	\$5,000	Kevin Pellett British Columbia Conservation Foundation (Lantzville) 250-716-8776
Freshwater Fish, Rearing Habitat, Kyuquot Sound - fisheries Area 26,	1-637	This project seeks to restore and enhance the riparian rearing habitat in the Kyuquot Sound, fisheries Area 26, that is crucial for long term sustainability of the freshwater fish population of the area.	\$5,000	Gary Ardron Ka:'yu:'k't'h'/Che:k'tles7et'h' First Nations 250-332-5259
WCVI Prescribed Burns for Wildlife Enhancement Partnership Project	1-641	This project undertakes to create stewardship partnerships and the development and delivery of a HCTF prescribed burn program on the west coast of Vancouver Island (WCVI) to enhance ungulate populations.	\$5,000	Darren DeLuca Guide Outfitters Association of British Columbia 604-541-6332
Millstone River - Scoping of Stakeholder Support for Lower River Reach and Estuary Assessment and Restoration	1-642	Working with the Snuneymuxw First Nation, local landowners, City of Nanaimo, and local stewardship groups, BCCF will identify support for fish habitat assessment and restoration in the Millstone River's tidal reach and estuary. If stakeholder support warrants, BCCF will produce a multi-year rehabilitation plan, to assess tidal reach conditions. Long term goal will be to prescribe rehabilitation in year one, undertake restoration activities in year two and monitor results in year three. The plan will also be used for funding applications to HCTF and other agencies.	\$4,999	Michael Friesen British Columbia Conservation Foundation (Surrey) 250-390-2525
Vancouver Island Small Lake Enrichment - Program Expansion	1-644	Using established lake fertilization techniques with proven performance, this program aims to enrich up to five small lakes on Vancouver Island to enhance or produce trophy fisheries for Rainbow and Cutthroat Trout, as well as a Kokanee fishery, a potential first for Vancouver Island.	\$27,376	Jeramy Damborg British Columbia Conservation Foundation (Lantzville) 250-716-8776




Lower Mainland Projects

Project Name	Project #	Project Description	Approved Funding	Project Leader
Coastal Mainland Roosevelt Elk Recovery and Management Project	2-127	With the assistance of a variety of partners, this project will continue efforts to translocate Roosevelt Elk in order to facilitate the recovery of this blue-listed species on the coastal mainland. Additionally, we will continue to provide increased recreational opportunities, while furthering the understanding of Roosevelt elk population dynamics.	\$70,000	Darryl Reynolds Ministry of Forests, Lands and Natural Resource Operations Reg 2 604-885-7419
Establishing Agricultural Waterfowl and Raptor Habitat on the Lower Fraser 	2-349	Approximately 1,190 hectares of upland agricultural habitat will be established on the lower Fraser River delta, which is part of the largest estuary on the Pacific coast of Canada. Farmers located within the Municipalities of Delta and City of Richmond will establish grassland habitat, in the form of Winter Cover Crops and Grassland Set-asides, to provide high-quality feeding and roosting habitat for resident and migratory waterfowl and raptors.	\$20,000	Christine Terpsma Delta Farmland and Wildlife Trust 604-940-3392
Lower Fraser River White Sturgeon Monitoring and Assessment Program	2-375	This stewardship-led project continues the successful White Sturgeon population monitoring and assessment activities established in 2000. The project delivers annual abundance estimates of the population, and growth rates, by size group, of lower Fraser River White Sturgeon and is used by provincial authorities to conserve and manage the resource.	\$84,837	Sarah Schreier Fraser River Sturgeon Conservation Society 778-322-7345
Learn to Fish	2-390	Learn to Fish (L2F) is designed to break down barriers to recreational fishing and to introduce new anglers, particularly youth to fishing. HCTF funds will be used to deliver L2F programs across the province to over 25,000 participants in 2016/17.	\$80,000	Mike Gass Freshwater Fisheries Society of BC 250-414-4200
Lower and Middle Fraser White Sturgeon Recovery Working Group Support	2-455	This grant will provide coordination support for the regional lower and middle Fraser White Sturgeon recovery working groups.	\$9,266	Erin Stoddard MFLNRO 604-582-5374
Lower Fraser Sturgeon Age Structured Mark-recapture and Population Dynamics Model.	2-501	This project extends modelling and data analysis efforts conducted over the last 3-4 years to produce an age structured mark-recapture model that can be used to conduct the annual analysis of the all the available sturgeon PIT tag marking and recapture data. The base model was built, tested and verified in 2014-2015 and appears to produce promising results; however, further development work is required in order for the results to be useful to sturgeon planners and managers.	\$41,042	Karl English LGL Environmental Research Associates 250-656-0127




Lower Fraser White Sturgeon Telemetry Study: Long-term monitoring of adult sturgeon movement activities between and within critical over-wintering and spawning habitats	2-530	This HCTF and FLNRO (Land Base Investment Strategy, LBIS) supported study is monitoring mature adult (>160 cm) White Sturgeon movements, migrations and habitat use through the acoustic tracking of individual sturgeon within and between over-wintering, feeding and spawning habitats in the Lower Fraser, Pitt and Harrison River systems.	\$26,332	Erin Stoddard Ministry of Forests, Lands and Natural Resource Operations Reg 2 604-582-5374
Improving Upon and Updating Steelhead Stock Assessment Data on Priority Lower Mainland Rivers 	2-553	This project will assess and update historic population trend data on five recreationally and economically important wild and hatchery steelhead rivers in region 2 annually over a five year period. Data collected during the project will help guide provincial steelhead management decisions to maximize recreational steelhead angling opportunities available in Region 2.	\$4,750	Kenji Miyazaki Ministry of Forests, Lands and Natural Resource Operations Reg 2
Lower Fraser River Sturgeon spawning area surveys to guide egg mat deployment 2016-17	2-568	This project will conduct 2 side-scan sonar surveys at each of 10-15 potential Lower Fraser White Sturgeon spawning sites in 2016. At sites where we find relatively large numbers of mature-sized sturgeon, provincial biologists will deploy egg mats to confirm whether spawning is occurring.	\$54,726	Karl English Fraser River Sturgeon Conservation Society 250-656-0127
Ryder Lake Amphibian Protection Project	2-571	This project supports a community in its ongoing conservation efforts to mitigate the impact of their vehicles on at-risk amphibian populations. We will evaluate the effectiveness of a new amphibian crossing structure design and use this information to support other stewardship groups in their amphibian conservation efforts.	\$9,498	Kendra Morgan Fraser Valley Conservancy 604-625-0066
Sturgeon Bank Restoration: Determining the Cause of Salt Marsh Retreat	2-573	The salt marsh and mudflat on the Fraser River Delta foreshore supports internationally significant numbers of migratory and wintering birds and is one of the most important bird habitats in Canada. It also provides critical habitat for many species of anadromous and marine fish, including out-migrating Pacific salmon. Field survey data has revealed that the salt marsh on Sturgeon Bank in the provincially designated Wildlife Management Area has receded up to 500 m (33%) between 1989 and 2011, but restoration action can't take place until the cause is known. We will test four hypotheses proposed to explain the proximate cause of the retreat in a 3 year comparative study of Sturgeon Bank and nearby Westham Island, where the salt marsh is relatively stable.	\$37,500	Brent Gurd Ministry of Forests, Lands and Natural Resource Operations Reg 2 604-582-5397



Sunshine Coast Community Wildlife Habitat Stewards	2-574	We will increase habitat protection, enhance wildlife habitat, and encourage sound land care practices on the Sunshine Coast by engaging landowners and community members; providing resources, tools, training and support; and facilitating community involvement in habitat enhancement activities.	\$19,940	David Stiles Sunshine Coast Wildlife Project 604-886-1910
Lower Fraser White Sturgeon Spawning Habitat Confirmation Project	2-576	This is the 2nd year of a 3 year project to deploy spawn mats and D-ring drift nets to confirm sturgeon spawning sites in the lower Fraser River. Spawning activity at each of the assessed sites will be reported to recovery working groups and to other stakeholders, and used to make management recommendations or changes.	\$13,848	Erin Stoddard MFLNRO 604-582-5374
Squamish River Bull Trout Angler Use, Migration and Spawning Behaviour	2-581	We will conduct a 3-year study to evaluate coastal Bull Trout angling effort and to identify Bull Trout distribution, habitat usage, spawning locations and migration patterns in the Squamish River Watershed. This study will produce a baseline CPUE dataset on Bull Trout in the Squamish River Watershed and help identify critical habitat locations for conservation purposes.	\$ Pending	Caroline Melville Instream Fisheries Research Inc. 604-428-8819
Seymour River Rockslide Mitigation Project	2-587	Restoration of fish passage through the Seymour River rockslide	\$60,000	Brian Smith Seymour Salmonid Society 604-288-0511
Mountain Goat Census: Mount Meager 	2-588	We will conduct a census of mountain goats on Mount Meager in Management Unit 2-11 and all suitable mountain blocks in MU 2-6. This project will generate a population estimate for these areas that will be used to inform First Nations, stakeholders and management decisions.	\$29,500	John Kelly Ministry of Forests, Lands and Natural Resource Operations Reg 2 604-885-8906
Lower Fraser White Sturgeon Aboriginal Knowledge and Monitoring Project	2-593	Lower Fraser White Sturgeon is a culturally important species to the Lower Fraser First Nations. Collecting traditional knowledge and biological data is integral to the continued management and conservation of White Sturgeon within the Lower Fraser Area.	\$43,065	Don Simpson Lower Fraser Fisheries Alliance 604-852-4040
Developing Watershed Stewardship in Mission BC	2-596	To develop a plan for engaging citizens in Mission BC in stream and watershed awareness through education and hands-on monitoring and restoration activities resulting in improved stream and riparian habitat quality for fish and wildlife.	\$4,270	Diane Urban Stave Valley Salmonid Enhancement Society 604-820-0099




Shovelnose Creek Avulsion Rehabilitation Project	2-599	We will partner with various Squamish River watershed stakeholders to repair a bank avulsion on Shovelnose Creek, the most critical steelhead/salmon spawning tributary in the upper Squamish River watershed. The current bank avulsion allows a portion of the Squamish River mainstem to inundate approximately 2km of Shovelnose Creek. Project activities will include the construction of rock berm and low level spillway to protect the main-stem Shovelnose Creek. The proposed berm will choke off the avulsion point, excluding cold, low productive, silt laden Squamish River mainstem water from the highly productive waters of Shovelnose Creek.	\$10,000	Kerry Baird British Columbia Conservation Foundation (Surrey) 604-576-1433
Genetic Analysis of Wolverine Hair in the South Coast of British Columbia 	2-600	We propose to conduct a genetic analysis up to 250 wolverine hair samples collected in the Squamish-Lillooet (2014-2015), and the Garibaldi-Pitt (2015-2016) population units in the South Coast region. Analysis on 17 loci + gender has been conducted on hair samples collected in 2013-2014 in the Squamish-Lillooet, and the requested funds will help complete this analysis. This work is critical in understanding habitat connectivity and potential genetic isolation of wolverines in the South Coast as a direct result of human developments.	\$15,960	Cliff Nietvelt Ministry of Forests, Lands and Natural Resource Operations Reg 2 604-702-5740
Lower Fraser River Ghostnet Removal Initiative	2-603	This project proposes to develop a collaborative initiative to remove ghost nets from the Fraser River, resulting from various in-river fisheries. The Fraser River Sturgeon Conservation Society has identified these lost, broken or irretrievable "ghost" nets as a key impact to the survival of White Sturgeon, due to the potential entanglement and/or unintentional interception. Ghost nets are defined as fishing nets that may be lost, broken off, forgotten, abandoned or deemed irretrievable and therefore remain in the river after a fishery is closed.	\$5,000	Sarah Schreier Fraser River Sturgeon Conservation Society 778-322-7345



Thompson/ Nicola Projects

Project Name	Project #	Project Description	Approved Funding	Project Leader
Interior Fraser Wild Steelhead Conservation	3-251	This project will continue long term monitoring of abundance, productivity and conservation status for four populations of wild steelhead from the Thompson and Chilcotin watersheds. The project will provide science based knowledge to enhance provincial and federal fisheries management planning, processes and decisions for conservation and responsible use. The project will provide data and knowledge to encourage better fishing practices and coordination of management between provincial and federal fisheries agencies and First Nations.	\$76,000	Robert G. Bison Ministry of Forests, Lands and Natural Resource Operations Reg 3 250-371-6244
Wetlands Institute 2016 	3-272	The Wetlands Institute workshop provides hands-on training to individuals and groups committed to wetland stewardship projects in BC. The workshop involves high quality training and 2 hands-on wetland restoration projects. Following the Institute, participants are offered ongoing support to successfully complete their projects. This year's Institute will be held in the Lower Mainland.	\$45,660	Neil Fletcher BC Wildlife Federation 1-888-881-2293
Quality Waters Strategy - Thompson River Guardian Program	3-273	River guardians will patrol and survey during times of fishery closure and will patrol and survey the steelhead sport fishery in the event of an opening to assist with fishery management and compliance.	\$24,860	Robert G. Bison Ministry of Forests, Lands and Natural Resource Operations Reg 3 250-371-6244
Thompson Shuswap Okanagan Instream Conservation Flows	3-297	This project will develop instream flow needs for fish on priority streams and document water balance (natural instream flow vs. downstream of withdrawal flow), measure key streams requiring follow-up measurements in low flow months to determine if instream flows recommended in prior projects are met, and engage local expertise, local government and water licensees and update stream information used for water use decisions.	\$26,894	Christian StPierre Ministry of Forests, Lands and Natural Resource Operations Reg 3 250-371-6236
Thompson Sub-Region Water Conservation Structural Enhancement Project	3-339	Following up on the information gained during the HCTF funded Water Use Strategy project for Region #3, this project is designed to build, rebuild or improve existing weirs, diversions and ditches which will allow the province to license Conservation storage or significantly improve water delivery systems. These works will result in improving the quality of habitat and increase the carrying capacity for trout rearing in a number of high use/high priority small lakes within the Southern portions of the Thompson sub-region.	\$96,000	Stephen Maricle Ministry of Forests, Lands and Natural Resource Operations Reg 3 250-371-6253



Moose Habitat Selection and Mortality Risk In Relation to Salvage Logging on the Bonaparte Plateau	3-342	The Province faces a major wildlife management challenge in maintaining sustainable populations of moose in the Central Interior given large-scale salvage logging of insect-killed timber, much of which is critical moose habitat. This is the fourth year of a 4-year project whose objectives are to: (1) provide a detailed understanding of habitat selection and movements of female moose relative to salvage logging cut-blocks and forestry road infrastructure; and (2) assess this information in the context of risk of mortality. The ultimate goal is to generate science-based management recommendations to inform moose management in the Bonaparte Plateau, the Central Interior and other areas of the Province impacted by pine beetle infestations.	\$23,730	Dennis Jelinski University of Victoria 250-472-5416
Fisher Artificial Reproductive Den Box Study	3-345	Fisher are the largest obligate cavity user and use cavities in large diameter den trees for reproductive dens. Suitable trees for reproductive dens are rare in the landscape and impacts due to MPB and fire in many areas of the province have further reduced the availability of this habitat feature. This project will demonstrate the extent that artificial den boxes can be used to augment fisher reproductive denning habitat in areas where natural den trees have been reduced.	\$34,825	Larry R. Davis Davis Environmental Ltd 250-398-7353
Assessment of Sustainable Fishing Rates for Nicola Lake Burbot to Evaluate Sports-fishing Opportunities 	3-347	Historically, Nicola Lake burbot provided a popular and unique fishery, but in the early 1990s the Fish and Wildlife Branch closed the sports fishery due to concerns of overexploitation; no harvest analysis or assessment of the burbot population was done at the time. Partnering with First nations, we propose to estimate the sustainable fishing rate (Fopt) for the Nicola Lake burbot stock using the observed population age structure and the biology and vulnerability of the fish. We would then compare the estimated Fopt to the current fishing rates (F) for an existing First Nations food fishery by tagging fish and creeling the fishery to recover tags and evaluate additional sport-fishing opportunities.	\$47,670	Andy Morris Ministry of Forests, Lands and Natural Resource Operations Reg 3 250-371-6325
Thompson Burn Program	3-358	The intent of this project will be to reintroduce fire into the low-mid elevation dry forest and grassland ecosystems to restore and improve forage nutrition and availability, primarily for mule deer and bighorn sheep.	\$87,200	Gerad Hales Ministry of Forests, Lands and Natural Resource Operations Reg 3 250-371-4457
Stock Density Reduction Project – Thompson Region	3-361	This project involves the construction of recruitment barrier(s) on previously identified candidate lakes, which have high recruitment rates of naturalized rainbow trout. The goal of the initiative is to reduce trout recruitment rates to a level that will allow the trout size and condition to increase, creating attractive angling opportunities.	\$30,000	Andrew Klassen Ministry of Forests, Lands and Natural Resource Operations Reg 3 250-371-6237




Thompson Region Bighorn Sheep Collaring Project	3-369	This project will collar 30-33 bighorn sheep rams from different herds in the Thompson region to better quantify connectivity of Thompson bighorn sheep herds, as well as clarify core home range use, summer and winter range migration timing and movement rates and ram foray patterns. The project will also develop a herd health baseline dataset from biological samples from individuals in each herd.	\$50,850	Gerad Hales Ministry of Forests, Lands and Natural Resource Operations Reg 3 250-371-4457
Roche Lake Eutrophication study	3-379	This research project will assess the root cause(s) that has led to the catastrophic change in the nutrient loading within Roche Lake and other previously stable lakes in the watershed. It will also estimate the duration of the impact that has led to 2 years of unprecedented winterkill events in Roche Lake and potential methods that can be employed to reduce/mitigate the impacts. It is most likely that other productive waterbodies within the interior of the province are currently at risk, and this study should help to better identify those watersheds at risk as well as the potential risk of further development within those watersheds.	\$25,250	Stephen Maricle Ministry of Forests, Lands and Natural Resource Operations Reg 3 250-371-6253
SABNES Wetland Complexing	3-384	Creating several hummocks with enhanced habitat features to further the bio-physical diversity of The Nature Trusts lands in Salmon Arm Bay, Shuswap Lake.	\$ Pending	Janet Aitken Salmon Arm Bay Nature Enhancement Society 250-832-1019




The Thompson Region Bighorn Sheep Collaring Project seeks to better understand the connectivity, seasonal movements and foray patterns of rams from 4 California Bighorn Sheep herds in the region.




Kootenay Projects

Project Name	Project #	Project Description	Approved Funding	Project Leader
Gerrard Rainbow Trout Critical Monitoring	4-248	This project monitors the conservation status of Gerrard rainbow trout by estimating escapement through spawner counts, protecting spawners, estimating harvests of these fish in the Kootenay Lake sport fishery, and monitoring critical spawning habitat parameters.	\$34,000	Matt Neufeld Ministry of Forests, Lands and Natural Resource Operations Reg 4 250-354-6353
Kootenay Region River Guardian Program	4-444	Active River Guardian presence/patrols in eight Kootenay Region classified watersheds with objective to maintain or improve the quality of angling in these systems and protect native sport fish populations. River Guardians will provide a compliance presence, educate public, anglers and other stakeholders, and collect angler survey data and biological/inventory data.	\$84,500	Kevin Heidt Ministry of Forests, Lands and Natural Resource Operations Reg 4 250-489-8556
Boundary Restoration and Enhancement Program 	4-461	This project will improve habitat quality, resiliency and forage availability for ungulates and other native species by restoring or enhancing degraded habitats in a range of ecosystems across the Boundary. This project will build community stewardship and technical capacity through the use of partnerships and local contractors.	\$43,975	Lisa Tedesco Ministry of Forests, Lands and Natural Resource Operations Reg 4 250-354-6352
Kootenay Lake Bull Trout Productivity and Capacity for Defining Management Reference Points	4-465	This project will provide quantitative data on stock dynamics to assist with managing the bull trout fishery on Kootenay Lake. Defining the productivity, capacity and compensatory ability of this stock will assist in better understanding the rearing environment and the impact of the recreational fishing on this important blue listed species.	\$ Pending	Greg Andrusak Redfish Consulting Ltd. 250-825-2729
Columbia River Northern Pike removal – Risk and feasibility of control	4-493	This project will assess the risk of spread and potential impacts of invasive Northern pike populations in the Columbia and Pend d'Oreille Rivers. The spread of NP into these rivers likely pose significant risks to native species, important sport fisheries, local ecosystems and Species at Risk recovery work. This collaborative project focuses on determining methods of stopping colonization of NP into the Arrow Lakes, movement patterns of NP, their watersheds of origin, and development of eDNA methods to detect their spread into new watersheds.	\$38,458	Brian Heise Thompson Rivers University 250-371-5530




<p>Kootenay Mule Deer Survival Monitoring</p> 	4-510	This project will assess factors limiting mule deer population growth in 4 study areas in the Kootenay Region by monitoring adult female survival, cause of death and fawn recruitment.	\$40,000	Patrick Stent Ministry of Forests, Lands and Natural Resource Operations Reg 4 250-489-8578
Improving Mountain Caribou Calf Survival through Maternal Penning in the Revelstoke Area	4-512	Mountain caribou calf survival remains too low to support population recovery. This project will determine if maternal penning can improve the survival of calves and adults in the Columbia Mountains Ecosystem by protecting them in a secure enclosure for four months until calves are larger and more capable of avoiding predation. If successful, this tool will would help to reduce the rate of decline and increase the size of the Columbia North caribou subpopulation.	\$30,000	Kelsey Furk Revelstoke Caribou Rearing in the Wild 250-814-3272
Predicting grizzly bear food – Huckleberries, and trend monitoring	4-523	This project will spatially identify and predict the most important food source for grizzly bears in the West Kootenays - huckleberries - and radio collar females for trend monitoring 2 threatened populations. Our results will inform future food resource supply management and conservation decisions about recovery towards huntable status.	\$34,300	Michael Proctor Birchdale Ecological Ltd. 250-363-8072
Kootenay Access Management Area Public Information Project	4-525	To update and enhance public information signage for at least 8 of the Kootenay Region's Access Management Areas (AMAs)	\$16,000	Doug Martin Ministry of Forests, Lands and Natural Resource Operations Reg 8 250-489-8548
West Kootenay Mule Deer Habitat Restoration	4-535	This project will identify important mule deer habitats in the West Kootenay and plan ecosystem restoration activities to improve quality of habitat.	\$28,000	Patrick Stent Ministry of Forests, Lands and Natural Resource Operations Reg 4 250-489-8578
Determination of Gerrard Rainbow Trout Stock Productivity at Low Abundance	4-539	Obtain critical information on the stock productivity parameter for Gerrard Rainbow Trout at low abundance. The information is vital in defining important biological reference points for conservation and management of this unique ecotype on Kootenay Lake. Data will provide important information on the maximum reproductive rate of this stock which can only be obtained under low stock abundance.	\$44,488	Greg Andrusak Redfish Consulting Ltd. 250-825-2729



Improving Sustainable Angling Opportunities for Adfluvial Bull Trout within Kootenay Region	4-540	Conservation of Bull Trout, a blue listed species in BC, is considered to be a provincial government priority, requiring more information be obtained to better understand their current status. Recent anecdotal evidence in the West Kootenay suggests that the Bull Trout population in Trout Lake may be at risk due to increased effort and harvest owing to the documented decline in the nearby Kootenay Lake fishery. Results from this project will provide regional fisheries management with science based data to develop optimal fishing regulations required to maintain a sustainable char fishery.	\$43,965	Greg Andrusak Redfish Consulting Ltd. 250-825-2729
Conservation of Key Trout Habitat in the Kootenay Region 	4-542	This project aims to conserve the quality of critical spawning sites and early juvenile rearing habitat for two at-risk salmonid species (Bull trout and Westslope Cutthroat trout) by identifying, protecting, enhancing and monitoring key trout habitat in the Kootenay Region. This project will also consider the efficacy of Wildlife Habitat Areas (in conjunction with habitat enhancement efforts) in relation to trout habitat quality and use/recruitment.	\$41,080	Lindsay Anderson Ministry of Forests, Lands and Natural Resource Operations Reg 4 1-250-354-6352
Bull River Bighorn Sheep: Herd Health and Movement Dynamics	4-546	This project will follow new international standards to assess wild sheep herd health, and study the seasonal range movements, herd connectivity and foray behaviour of Rocky Mountain bighorns of the Bull River herd in the East Kootenays. The Bull River herd experienced an all age die-off in the 1980s: now partially recovered, they face several habitat challenges including domestic sheep on their winter range.	\$ Pending	Jeremy Ayotte High Country Consulting 250-804-3513
Bull River - Grassland Corridor Acquisition	4-547	This 67.7 ha acquisition will secure one of the largest private inholdings of the Bull River Conservation Lands Complex. Securement would remove threat of disease transmission from domestic livestock to wild sheep, protect Class 1 winter range for elk and deer, and simplify conservation land management.	\$100,000	Marian Adair The Nature Trust of British Columbia 604-969-3242




Cariboo Projects

Project Name	Project #	Project Description	Approved Funding	Project Leader
Mid-Fraser River White Sturgeon Radio Telemetry Program	5-196	This is year two of a five year study focussed on filling knowledge gaps of sturgeon habitat use and behaviour in the mid-Fraser River. Specifically, identify spawning locations and improve understanding of stock structure in northern sections of the mid-Fraser.	\$30,426	Lee Williston Ministry of Forests, Lands and Natural Resource Operations Reg 5 250-398-4696
Quality Waters Strategy: Dean River Guardian Program	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.	\$84,101	Russell Bobrowski Ministry of Forests, Lands and Natural Resource Operations Reg 5 250-398-4258
Quesnel Lake Exploitation Study 	5-271	This is year four of a five year study to estimate the proportion of large rainbow trout, bull trout and lake trout caught in Quesnel Lake. Project results will provide management with science based data for revising regulations and harvest quotas for each species which may result in increased angler use on Quesnel Lake.	\$ Pending	Lee Williston Ministry of Forests, Lands and Natural Resource Operations Reg 5 250-398-4696
High Lake Grassland and Open Forest Restoration Pilot	5-284	This project will remove tree encroachment from grasslands and tree ingrowth from open Douglas-fir stands within mule deer range in Churn Creek Protected Area. It will evaluate and demonstrate a model for treating more extensive areas within the protected area.	\$16,578	Ordell Steen Friends of Churn Creek Protected Area Society 250-398-5017
Development of a Mid and Upper Fraser River Bull Trout Management Plan	5-286	This project will develop an integrated plan to address conservation concerns and threats for managing bull trout within the Middle and Upper Fraser River. The management plan emanates from data gaps identified in the provincial plan for bull trout for the health and status of bull trout in BC (Hagen and Decker 2011). The plan will outline conservation concerns and threats by obtaining information on the health and status of fluvial and adfluvial populations within core areas of the Middle and Upper Fraser River Ecological Drainage Units. The core areas within the EDU's reflect provincial and regional priorities for the management and conservation of bull trout.	\$ Pending	Lee Williston Ministry of Forests, Lands and Natural Resource Operations Reg 5 250-398-4696




Skeena Projects


Project Name	Project #	Project Description	Approved Funding	Project Leader
Skeena Weirs and Steelhead Stock Assessment	6-97	This project will provide wild Skeena Watershed steelhead abundance data at three index sites: the upper Sustut River weir, the Kitwanga River Didson sonar and the Kloiya River resistivity counter to enumerate an upper Skeena, early run-timing, a mid-Skeena summer and a coastal winter run steelhead population, respectively.	\$68,000	Mark Beere Ministry of Forests, Lands and Natural Resource Operations Reg 6 250-847-7297
The Response of Caribou Terrestrial Forage Lichens to MPB, Forest Harvesting and Fire in the East Ootsa and Entiako Areas 	6-216	This project assesses the effects of MPB, forest harvesting and fire on caribou terrestrial forage lichens on the Tweedsmuir-Entiako caribou winter range by re-measuring permanent sample plots that were established in 2001 and re-measured in 2003, 2005, 2007 and 2011. Approximately half of the plots were impacted by the 2014 Chelaslie wildfire. For this project, all plots will be re-measured in 2016, and data analysis and write-up will be completed in 2016/17.	\$35,200	Deborah Cichowski Bulkley Valley Centre for Natural Resources Research & Management 250-847-2827
Population Structure and Migration of Lake Char in Yukon River Headwater Lakes and Rivers	6-242	A sonic receiver array is being maintained in Atlin Lake and 50 lake char have received acoustic tags as a component of a much larger sonic tagging and genetic stock ID project directed by Environment Yukon on Atlin, Tagish, Bennett and Marsh lakes,. This will clarify lake char migrations between these waters so that harvest estimates can be accurately assigned to design regulations for sustainable fisheries.	\$5,500	Joe De Gisi Ministry of Forests, Lands and Natural Resource Operations Reg 6 250-847-7288
Teslin Lake Lake Trout Spawning Site Identification & Mixed Stock Genetics	6-246	This is an applied research project to identify lake trout spawning sites on Teslin Lake and conduct a mixed stock genetics analysis to determine the presence of lake trout sub-populations in the lake and how the recreational/subsistence harvest is distributed amongst the various sub-populations.	\$7,500	Sandy Smarch Teslin Renewable Resources Council 867-390-2323
BC Moose Hunter Observation App.	6-247	Citizen science will be used to increase the knowledge of moose populations in portions of the province where moose are hunted and irregularly surveyed. We are producing a mobile device application that will be used by hunters to record their observations of moose while hunting. The app will be available across the province.	\$10,000	Conrad Thiessen Ministry of Forests, Lands and Natural Resource Operations Reg 7 250-847-7299



Peace/ Omineca Projects

Project Name	Project #	Project Description	Approved Funding	Project Leader
BC Bison Management 	7-352	This project will update the Management Plan for Wood Bison in British Columbia (2000) to a Bison Management Plan using a Wildlife Branch standard template. It will also coordinate an inventory for population size, composition, and location of the priority Etthithun Wood bison herd. Additionally, it will provide support for members of local First Nations to attend the 2016 American Bison Society Meeting. These actions will allow alignment with the updated national Strategy for Wood Bison, new considerations on Plains bison and their management and engage First Nations in a more effective manner on bison management, including the recovery of wood bison, the reduction of human/bison conflicts, and, through networking with other aboriginal and non-government organizations, strengthen cultural and social uses of bison by local First Nation communities.	\$5,000	Mike Bridger Ministry of Forests, Lands and Natural Resource Operations Reg 7 250-787-3294
Efficacy of UWR's and Optimization for Bighorn Sheep in MU 7-19	7-400	Seasonal range delineation and modification of current UWR's to provide secure winter habitat for the most northerly herd of bighorn sheep in North America. This project will include a joint BC/AB population monitoring survey and calculation of a sightability correction factor that can be applied to other northern bighorn sheep populations.	\$5,100	Mike Bridger Ministry of Forests, Lands and Natural Resource Operations Reg 7 250-787-3294
Enhanced Monitoring of the Moberly Lake Trout Rehabilitation Program	7-416	This project will continue the Enhanced Monitoring Program on Moberly Lake to rigorously evaluate the effectiveness of the lake trout recovery efforts and the response of the larger fish community. A mark-recapture netting program will be used to monitor the abundance of remnant lake trout. The survival and condition of stocked cohorts will be evaluated using a standardized index-netting program. Shifts in the abundance and/or demographics of the lake whitefish population will be tracked using a hydroacoustic survey combined with gillnetting and trawling validation.	\$25,900	Lynn Avis Ministry of Forests, Lands and Natural Resource Operations Reg 7 250-261-2096
Prescribed Burns to Enhance Ungulate Habitat in the Ospika Area	7-417	Year 4 of a 5-year prescribed burning program used to enhance ungulate habitat in selected Resource Management Zones within the Williston regional area of north-central BC.	\$78,782	Jordy McAuley Finlay River Outfitters Ltd. 250-483-3857
Defining Nutritional Value of Summer Habitats for Caribou	7-424	This is a 3-year project to define nutritional value of caribou food supplies in summer and fall. We will use tame caribou as an innovative and quantitative tool to assess the nutritional value of vegetation communities used by northern mountain and boreal caribou.	\$34,483	Katherine L. Parker University of Northern British Columbia 250-960-5812



Life History Patterns and Demographics of Muskwa and Prophet River Arctic Grayling	7-431	This project will identify movements between nursery streams and adult rearing streams for Arctic grayling in the Muskwa and Prophet rivers using otolith microchemistry analysis. Paired tissue samples (i.e. genetic data) and whole fish will also be collected for future analysis.	\$50,430	Michael Stamford Stamford Environmental 604-886-4752
Management of Incidental Fisher Harvest: Fisher Exclusion Plate Trial 	7-433	Fisher harvest is often incidental via marten fur trapping in British Columbia. Fisher are of conservation concern (blue listed, or vulnerable) for the government of BC and a Class 2 furbearer, thus by-catch could lead to local overharvesting. This project employs local trappers, remote cameras and a novel method, the fisher exclusion plate, to reduce incidental trapping of fishers, while maintaining a healthy marten fur harvest.	\$35,920	Ingebjorg Jean Hansen 250-467-3282
Mule Deer Monitoring in the Prince George Area	7-445	Mule deer provide significant hunting opportunities in central BC. However, local observations from hunters have consistently reported declining mule deer numbers in the Prince George area and there is no inventory or trend monitoring to validate these concerns. Funds will help the Spruce City Wildlife Association establish a long-term monitoring program for mule deer within the wildlife management units surrounding Prince George. With support from Ministry of Forests, Lands, and Natural Resource Operations (FLNRO), bi-annual ground based surveys will be conducted by local hunters/volunteers to document fawn recruitment, sex ratios and buck age classes that will provide key information on population vital rates and trend; such information will help biologists understand how mule deer demographics change seasonally and over time and will facilitate mule deer management.	\$3,000	Chris Shultz Spruce City Wildlife Association
Pine River Arctic Grayling and Bull Trout Spawning	7-446	This is a two-year project to identify critical spawning habitats of Arctic grayling and bull trout in the upper portion of the Pine River watershed upstream of the confluence of the Pine and Sukunka rivers near Chetwynd, BC.	\$35,249	Ted Euchner Diversified Environmental Service 250-787-9101
Effects of MPB and Forest Harvesting on Caribou Terrestrial Forage Lichens in the Omineca area	7-449	This project assesses the effects of MPB and forest harvesting on caribou terrestrial forage lichens on the Chase, Wolverine and Scott caribou winter ranges. Permanent plots were previously established at 5 sites between 2001 and 2008 prior to MPB and forest harvesting. As part of a long-term adaptive management trial, specific forest harvesting treatments were applied and the plots re-measured following harvest. All plots on all sites will be re-measured in 2016 to assess the combined effects of the forest harvest treatments and the MPB attack.	\$44,110	Deborah Cichowski Bulkley Valley Centre for Natural Resources Research & Management 250-847-2827



Moberly Grizzly Bear Wildlife Habitat Areas: Ecosystem Mapping Project	7-450	This project will map and identify important Grizzly Bear habitats in the Moberly area at the fine scale to inform the designation of Wildlife Habitat Areas, which are a measure of habitat protection under the Forest and Range Practices Act in the Province of B.C.	\$ Pending	Megan Watters Ministry of Forests, Lands and Natural Resource Operations Reg 7 250-787-3507
Monitoring Plan for the Mountain Goat in the Omineca Region	7-451	The most recent status assessment in BC (2015) up-listed mountain goats from Yellow/Secure to Blue/Special Concern to reflect the sensitivity and current vulnerability of goat populations to both natural events or human activities within their range. Current population status for mountain goat populations in the Omineca region is unknown, increasing the risk that population objectives are not being met. This 5 year population assessment will help determine population estimates for mountain goats in areas where harvest densities are high to ensure that current hunting strategies are sustainable.	\$20,600	Michael Klaczek Ministry of Forests, Lands and Natural Resource Operations Reg 7 250-614-7456



Project 7-431 will identify the connections between Arctic Grayling spawning and nursery streams and potentially distant adult rearing streams in the Muskwa and Prophet river systems. This information is key to understanding boundaries around independent populations and conservation management of the species.



Okanagan Projects

Project Name	Project #	Project Description	Approved Funding	Project Leader
Promoting Voluntary Habitat Stewardship in the Okanagan and Similkameen Valleys.	8-90	This project continues to build on the success of the past twenty years of stewardship in the Okanagan and Similkameen valleys, supporting land stewardship, conservation and enhancement activities on private land and within communities throughout the RDOS, RDCO and RDNO.	\$55,000	Alyson Skinner Okanagan Similkameen Stewardship Society 250-492-0173
Mission Creek Restoration Initiative (MCRI)	8-320	To facilitate a multi-year, multi-stakeholder undertaking (MCRI) to address the declining kokanee populations and habitat degradation concerns in Mission Creek. Activities contained within this project will help recover Okanagan Lake kokanee stocks and improve the quality and economic value of the recreational fishery.	\$19,976	Tara White Ministry of Forests, Lands and Natural Resource Operations Reg 8 250-490-2287
Angling Quality on the W. Kettle, Kettle and Granby river systems; through regulation change	8-324	Following completion of the Kettle River Streamflow Protection Plan in 2014, regulation changes were implemented on the W. Kettle, Kettle and Granby rivers. Continuation of the long-term enumeration at key index sites is crucial to monitor stock trends over time and evaluate the effects of management changes on these systems. This proposal is to monitor the rainbow trout stock status, and determine if regulations changes (catch& release and an in-season closure) will be effective to maintain a sustainable quality fishery.	\$21,676	Tara White Ministry of Forests, Lands and Natural Resource Operations Reg 8 250-490-2287
South Okanagan Similkameen Conservation Program (SOSCP) Habitat Conservation Delivery	8-349	This project will establish fish & wildlife habitat conservation and protection measures through a collaborative partnership model. Focus is on implementation of the Regional Biodiversity Conservation Strategy, local and regional government environmental planning initiatives, and leveraging of resources within the South Okanagan-Similkameen Region.	\$30,000	Bryn White Regional District of Okanagan Similkameen (on behalf of SOSCP) 250-490-8225
Middle Vernon Creek Action Plan	8-366	This project will ensure sustainability of Canada's top kokanee fishery, Wood Lake, by securing a consistent water supply for the primary spawning tributary, Middle Vernon Creek.	\$79,060	Hillary Ward MFLNRO Reg 8 250-490-8267
Penticton Creek Restoration Initiative	8-379	This project is focused on restoring kokanee and rainbow trout habitat in Penticton Creek, with the aim of increasing fish production and recreational fishery contributions to Okanagan Lake, as well as enhancing economic and natural values for the local community.	\$40,760	Audrey Tanguay City of Penticton 250-490-2572
Determining the value of post-fire landscapes for American marten	8-400	American marten are important furbearers in BC, but strategies to facilitate marten recovery post-fire have not been established. Our proposal addresses marten population and behavioural responses to fire and post-fire salvage logging to identify post-fire management decisions most likely to meet management goals.	\$45,595	Karen Hodges University of British Columbia Okanagan 250-807-8763



Boundary Mule Deer Research Study Design	8-408	We will work with stakeholders and partners to conduct mule deer research as it relates to productivity and survival in the Okanagan-Boundary Region. Two wildfires occurred in the Boundary region during the summer of 2015. These wildfires occurred in traditional mule deer range. The research will involve the development of a peer-reviewed study design to determine population effects on mule deer with access to vegetation types influenced by recent wildfires.	\$5,000	Jesse Zeman BC Wildlife Federation 604-882-9988
--	-------	--	---------	---



As part of project 8-90, the Okanagan Similkameen Stewardship Society assists land owners and community groups in stewardship of important habitats for fish and wildlife throughout the Okanagan and Similkameen valleys

