



HABITAT
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A Non-Profit Society for Conservation

NEWS RELEASE

For Immediate Release
April 15, 2011

Foundation gives back \$6 million to BC wildlife.

Surrey – The Habitat Conservation Trust Foundation announced today that it is investing over \$6 Million in 2011 to conserve and enhance fish and wildlife populations and their habitats across BC.

In her announcement, HCTF Board Chair Dr. Winifred Kessler acknowledged the Foundation stakeholders. “By making this multi-million dollar investment, BC’s anglers, hunters, guide-outfitters, and trappers continue their outstanding record as champions for conservation, habitat restoration and biological diversity across British Columbia. On their behalf, the Foundation will continue to invest in projects that sustain this priceless natural heritage for all British Columbians.”

Over 150 projects in communities across BC will be led by some of BC’s best qualified wildlife biologists, fisheries scientists, and volunteer groups. Project details were released today at the annual BC Wildlife Federation Convention in Surrey.

Some highlights of HCTF’s 2011/12 projects include:

- Over \$80,000 to increasing spawning and rearing opportunities for Steelhead on Vancouver Island.
- \$70,000 to take a proactive role in conserving bats by identifying and safeguarding essential habitats in the face of a lethal fungal disease that is sweeping across North America.
- \$69,000 pledged to restore fish habitat and improve overwintering survival for salmonids in 10 lower mainland streams.
- Over \$60,000 invested in Boreal Caribou conservation projects designed to increase our ability to assess specific environmental impacts and protect this rare and threatened species.



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Since its creation in 1981, HCTF has provided more than \$130 million in project funding to more than 2,700 conservation, enhancement, and educational projects across BC. As most HCTF projects are partnered with other organizations, the total invested is almost \$400 million.

HCTF receives 90% of its revenue from hunting, fishing, guide-outfitting and trapping license surcharge fees. The Foundation issues an annual call-for-proposals to re-invest this money back into fish and wildlife conservation projects.

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Note to Editors

Full project backgrounder attached. Go to www.hctf.ca to view new [interactive project map](#) and [online project backgrounder](#).

Contact

Brian Springinotic, CEO 250.360.6718

Lynne Bonner, Biologist 250.940.9785

www.hctf.ca



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APPROVED PROJECT LIST 2011-2012

Media Alert: Members of the media are encouraged to contact proponents directly. Project proponents have detailed knowledge of the project benefits, and may be able to arrange site tours, and often have high quality images available. Click on the index below to move to a specific region.

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Multi Region Projects

Project Name	Project Description	Approved Funding	Project Leader
Wild BC	Management of a family of environmental education programs and resource materials.	\$238,000	Kerrie Mortin 250-940-9787
Public Conservation Assistance Fund	Funding to provide opportunities for local conservation groups to participate in and contribute to qualifying fish and wildlife conservation projects in their communities.	\$150,000	Lynne Bonner 250-940-9785
B.C.'s Family Fishing Weekend	Annual community- based angling events are held on the Father's Day weekend to encourage participation in recreational angling, introduce youth and families to the outdoors, and increase awareness and appreciation for marine and aquatic resources.	\$30,000	Owen Bird 604-875-0104
BC Wetland Partnership Program	Operate, maintain and manage existing wetland and associated upland habitat for fish and wildlife on Ducks Unlimited projects throughout BC, and work to secure and restore additional wetland habitats benefiting fish and wildlife.	\$250,000	Brad Arner 250-374-8307

Crown Land Securement Project	Provide assistance to the Ministry of Environment with the designation of new Wildlife Management Areas to protect critical fish and wildlife habitat throughout BC.	\$35,000	Tim Clermont 250-616-6793
Nutrient Purchase for Fish Habitat Restoration	Improvement of freshwater productivity in selected watersheds with the addition of organic and inorganic fertilizers to increase the growth and survival of stream rearing salmonids.	\$25,000	Kevin Pellett 250-716-8776
Habitat Needs of Selected Grassland Dwelling Species	Provide reports and guidance documents related to the management of bird nesting habitat in grazed grassland ecosystems.	\$25,000	Cindy Haddow 250-743-8933
British Columbia Bat Habitat Conservation & Management	Half of all BC bat species are of conservation concern due to existing threats and new emerging threats such as white nose syndrome. This project will provide a series of resource sector-specific best-management practice documents to proactively improve management of habitats to conserve bats.	\$12,000	Purnima Govindarajulu 250-387-9755
Angling Market Development Initiative	Implement and measure the success of angler participation programs such as Learn to Fish, fishing license renewal and compliance campaigns, and angler preference research. The goal is to increase the number of anglers in BC by 30%.	\$150,000	Don Peterson 250-414-4200
Fisher Habitat Conservation - Provincial Extension Program	Provide opportunities for training and the application of best forest management practices to a variety of resource practitioners who make decisions that affect the conservation of fishers.	\$10,000	Eric Lofroth 250-356-0244
Invasive Bullfrog Management	Management activities to control the invasive bullfrogs, concentrating in areas where the probability of prevention and eradication is highest and where the potential ecological impact of bullfrogs is greatest .	\$16,875	Purnima Govindarajulu 250-387-9755
BC Hinterlands Who's Where: the BC Breeding Bird Atlas	This project will maximize the potential of the BC Breeding Bird Atlas as a conservation tool, developing innovative new partnerships with back-country user groups in BC's hinterlands to obtain critical data.	\$34,500	Peter Davidson 604-940-4696
Restoring Degraded Habitat for Western Painted Turtles and Coexisting Species	Conservation of western painted turtle and related species through population inventory and assessment, critical habitat identification, habitat restoration, and public outreach.	\$18,000	Kym Welstead 604-582-5279
Identifying and Securing Hibernation Habitat for Bats	Identification of overwintering species of bats and their winter habitats, providing habitat protection and hibernation security, and surveillance of white nose syndrome, a fungus killing hibernating bats throughout North America.	\$32,590	Cori Lausen 250-353-7339

Limitations for Participation in Freshwater Angling in British Columbia	Inform freshwater fisheries managers of the key motivations and state of satisfaction of freshwater anglers across the province. This information will allow managers to provide the right combination of opportunities and policy choices to better serve the public.	\$25,000	Andrew Wilson 250-387-9788
Young Naturalists' Club of BC: Nature Clubs Project	The Nature Clubs Project encourages children and their families to participate in outdoor activities and learn about the natural world.	\$15,000	Kristine Webber 604.985.3057
Grizzly Bear Population Monitoring in Knight-Bute	This project will initiate a long-term program to monitor grizzly bear population trends within the Knight-Bute Grizzly Bear Population Unit.	\$42,700	Clayton Apps 403-270-8663
UBC Fish Museum Internship	Create a student internship with the UBC Fish Collection to ensure this facility continues to play an integral role in the conservation and management of native freshwater fish species.	\$14,000	Eric B. Taylor 604-822-9152
Grizzly Bear Population Connectivity Across the S. Coast Ranges	The analysis of hair-snag samples will provide information on grizzly bear population abundance, distribution, and fragmentation.	\$40,900	Clayton Apps 403-270-8663
Provincial Wild Sheep Registry Tool	This project will build a tool to support and enhance the conservation and management of BC's wild sheep.	\$5,100	Diana Demarchi 250-387-2031
White Sturgeon Recreational Angling Effort in the Fraser River	Identification of all sources of white sturgeon angling catch and effort information pertaining to the recreational sector resulting in better catch monitoring procedures for Fraser River white sturgeon fisheries.	\$27,088	Duane Jesson 604-582-5303
Determining Units of Conservation for the Western Painted Turtle	Genetic evidence pertaining to the population dynamics of the endangered western painted turtle will be collected and analysed to enable species recovery planning.	\$22,820	Purnima Govindarajulu 250-387-9755
Thompson-Nicola Okanagan Fisher Habitat Assessment Project	Determine feasibility of re-introducing fishers in the Thompson Nicola-Okanagan region by quantifying presence of suitable fisher habitat, abundance of prey species and the identification of priority areas for reintroduction that will support long-term sustainable harvest by trappers.	\$16,875	Francis Iredale 250-371-6241
Habitat Use of Mule Deer Bucks in the Fraser River Basin	This project will collect crucial information on mule deer buck habitat use and migration patterns to improve management of mule deer in BC.	\$39,720	Chris Procter 250-371-6250
Bull Trout Data Synthesis	Produce a comprehensive provincial management plan for bull trout to ensure that protective measures and fisheries management decisions are coordinated across the province.	\$29,500	Sue Pollard 250-387-9586

BC Butterfly Monitoring Program and Atlas	The BC Butterfly Monitoring Program and Atlas is a citizen-based program and web-based interactive atlas used to promote the conservation of butterflies and increase our knowledge of the distribution and abundance of butterflies throughout BC.	\$5,000	Patrick Lilley 604-742-9890
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Vancouver Island Projects

Project Name	Project Description	Approved Funding	Project Leader
Vancouver Island Wetlands Management Program	Management, securement and enhancement for over 60 Vancouver Island conservation areas that protect rare and endangered ecosystems and the species that rely upon them.	\$35,000	Don Cadden 250-751-3211
Operation and Maintenance (Fish) - Vancouver Island	Operation and maintenance of aerators located in Glen and Langford Lakes, flow augmentation in Sandhill Creek and inspection and maintenance of fishways located in Loup and Colquitz Creeks.	\$21,750	Mike Stalberg 250-751-3109
Operation and Maintenance (Wild) - Vancouver Island	This project assists MOE in meeting their safety, legal and land management obligations on more than 60 Conservation Areas on Vancouver Island. This work includes: signage, trail maintenance, restoration projects, invasive vegetation control, water control structures, weirs, dykes.	\$41,000	Thomas Reid 250-751-3218
Keogh River Steelhead Population Dynamics	Monitor smolt emigration and adult return of steelhead in the Keogh River to evaluate success of habitat restoration and other conservation strategies for endangered steelhead stocks, and to provide guidance on recreational fishery openings.	\$100,000	Tom Johnston 604-222-6754
Tofino Mudflats Wildlife Stewardship Project	Through education, stewardship, research and monitoring, this project will build on the wide support from residents, visitors, businesses and management agencies that is necessary for the conservation and protection of the Tofino Mudflats Wildlife Management Area.	\$27,415	Josie Osborne 250-725-2560
ECVI Water Storage Feasibility	Water storage feasibility assessments on selected sites along the east coast of Vancouver Island aim to enhance summer base flows for stream-rearing species like steelhead and cutthroat trout, as well as coho salmon.	\$22,125	James Craig 250-716-8776
Cowichan Lake Fishery	Examine stock and fishery information to produce an operational management plan aimed at ensuring long-term sustainable recreational angling opportunities and increasing angler participation at Cowichan Lake.	\$17,270	Tracy Michalski 250-751-3154
Flow Sensitive Streams on the East Coast of Vancouver Island	Develop tools needed to more effectively monitor ecological stream flow limitations (July-October), and identify water/fish conservation objectives on Vancouver Island.	\$25,000	J.C. Wightman 250-716-8776(225)

Environmental Contamination to River Otters & Ecosystem Health	Identify areas of environmental contamination in the coastal marine environment surrounding Victoria, assess the potential impacts of contaminant exposure to river otters and their ecosystem, and develop techniques for future research and monitoring.	\$5,000	Cait Nelson 604 980-3545
Wildlife Habitat Conservation Projects on Salt Spring Island	The project will expedite the permanent conservation of up to 6 private land acquisition projects with particularly high ecosystem and wildlife habitat values on Salt Spring Island.	\$25,000	Robin Annschild 250-538-0318
Conserving Amphibian Populations & Connecting Habitats Across Roads	Test the effectiveness of a road underpass system and guiding fence barriers for five species of coastal amphibians. Provide information on the effect of traffic volume and other threats on the survival rates and population dynamics of red-legged frogs.	\$16,000	Barbara Beasley 250-726-2536
Habitat Restoration for the Englishman and Little Qualicum River Estuaries	This project will develop a detailed proposal for restoring fish and wildlife habitat in the Englishman and Little Qualicum estuaries.	\$5,000	J.C. Wightman 250-716-8776(225)
Steelhead Migration on the Cous and Macktush Creeks	This seed project will assess upstream migration success of summer run steelhead past selective barriers in Cous and Macktush Creeks.	\$5,000	Shane Johnson 250-716-8776 (230)
Evaluation of a Floating Weir for Counting Winter Steelhead	Evaluate and compare the performance of a floating weir (Alaskan resistance board weir) in enumerating adult winter steelhead in a coastal river.	\$49,000	Tom Johnston 604-222-6754
Flow Augmentation to Increase Steelhead Production	Evaluate the benefits of flow augmentation to increase juvenile steelhead summer rearing habitat and smolt production as a restoration method for depressed steelhead populations.	\$39,100	Tom Johnston 604-222-6754
Burgoyne Bay Hayfields Restoration	Determine the most feasible and effective method(s) to restore the endangered Garry oak meadow ecosystem in the valley bottom flats of Burgoyne Bay Provincial Park.	\$5,000	Christina Melymick 604-767-4566
Vancouver Island Band-tailed Pigeon	Investigate inventory techniques for band-tailed pigeons based on the Washington State protocols.	\$5,000	Scott McNay 250-997-5700
Access Improvement for Nash Creek Salmonids	A fish passage structure at the mouth of Nash Creek will allow cutthroat trout and coho smolts to enter the ocean each spring.	\$20,000	Frank Dalziel 250-390-2268
Vancouver Island Small Lake Fertilization	Develop a detailed operational plan and monitoring program to fertilize up to 3 small lakes north of Campbell River with the goals of producing high quality sport fishing destinations, slowing stock declines, and refining small lake enrichment technology for use elsewhere in the region.	\$5,000	James Craig 250-716-8776
Cowichan River Spawning Habitat Improvement	To assess the feasibility of improving the quality, accessibility and amount of spawning habitat in the 70.2 Mile Side-channel.	\$4,712	Jeremy Damborg (250) 716-8776

Modernization of the Vancouver Island Lakes Questionnaire Survey	Develop and implement a new online, web based survey for the Vancouver Island Lakes Questionnaire. This will provide a cost effective means of obtaining reliable data for fisheries management purposes.	\$23,280	Scott Silvestri 250-751-3128
Bilston - Latoria Good Neighbours	Help residents care for natural habitats around Albert's Head and Witty's Lagoon by promoting positive land use practices and natural area stewardship.	\$15,150	Adam Taylor 250-995-2428
Bridges to Nature: Swan Lake	The replacement and enhancement of the aging 755' floating boardwalk and adjacent wharf will allow continued enjoyment and appreciation of ecological experiences by over 75,000 visitors per year.	\$50,000	Jody Watson 250-479-0211

Lower Mainland Projects

Project Name	Project Description	Approved Funding	Project Leader
Operation and Maintenance (Wild) - Lower Mainland Region	Assist with funding the operation and maintenance of provincially significant Wildlife Management Areas in British Columbia. The sites include over 29,000 hectares of critical wildlife habitat located within 6 established wildlife management areas and 4 conservation lands, all situated within close proximity to BC's largest population base.	\$59,442	Aaron Miller 604-824-2314
Lower Mainland Roosevelt Elk Recovery	Re-establish viable elk populations in wilderness areas of the Lower Mainland Region through the trapping and translocation of elk from the urban interface, along the Sunshine Coast.	\$64,000	Darryl Reynolds 604-885-7419
City of Surrey's Salmon Habitat Restoration Program (SHARP)	SHaRP promotes watershed stewardship and performs habitat enhancement within the City of Surrey. Through community outreach programs and restoration work SHaRP directly and indirectly contributes to improving fish habitat. SHaRP also provides youth with work experience in stewardship practices and community involvement.	\$21,848	Liana Ayach 604-591-4383
Waterfowl & Raptor Habitat on Lower Fraser River Farmland	Over 1,200 ha of grassland habitat will be established on farmland in Delta, BC through stewardship programs. The grasslands will provide feeding and roosting habitat for internationally important migratory waterfowl and raptors.	\$20,000	David Bradbeer 604-940-3392
Fraser River Sturgeon Monitoring & Assessment Program	This project continues the successful, stewardship-led white sturgeon stock monitoring and assessment activities established in 2000. This priority stock-recovery project delivers annual estimates of the population, and growth rates, by size group, of lower Fraser River white sturgeon.	\$56,000	Troy Nelson 778-322-7345
Biodiversity Surveys to Identify Critical Sites on the Sunshine Coast	Habitat enhancement, monitoring, and stewardship for wetland-dependent species on the Sunshine Coast.	\$16,700	Michelle Evelyn 604-886-1910

Greater Vancouver Learn to Fish Program	Youth, urban dwellers, and under-represented groups are introduced to the social, environmental, economical, cultural, and health benefits of sport fishing. The goal is to increase participation in sport fishing, as well as to increase awareness and knowledge of freshwater fish and their habitats.	\$80,000	Mike Gass 604 504 4709
Restoration Effectiveness Monitoring –Lower Mainland	BCCF fisheries technicians will conduct seasonal physical assessments and quantitative fish counts of restored habitat with large woody debris structures, and restored off-channel habitat on a subset of habitat restoration projects.	\$5,000	Kerry Baird 604-576-1433
Fitzsimmons Creek Adult Bull Trout	This project will establish critical baseline data on Green Lake bull trout population densities, spawner migration behaviour and distribution.	\$19,500	Don McCubbing 604-837-9870
Forage Ecology of Threatened Grizzly Bears in Southwest BC	Develop a clear understanding of grizzly bear dietary profiles and determine the dietary significance and availability of whitebark pine to bears. Building upon this information, we will provide wildlife managers with information on important bear habitat in whitebark pine ecosystems within grizzly bear home ranges.	\$20,000	Don Eastman 250-479-8382
Lower Mainland Stream Nutrient Enrichment	To compensate for low ocean survival, low salmon escapement, and other habitat impacts, slow release fertilizer will be applied in 7 Lower Mainland streams to improve freshwater overwinter survival, and increase ocean survival for fish with long stream residency periods.	\$25,000	Kerry Baird 604-576-1433
North Cascades Wolverine Project	Conduct scientific research on wolverines in the North Cascade Ranges to describe denning habitat, distribution, relative abundance and foraging ecology.	\$30,000	Eric Lofroth 250-356-0244
Investigation of Fraser River White Sturgeon Movements	Evaluation of movements of white sturgeon into areas adjacent to the lower Fraser River, including marine waters.	\$31,608	Murdoch McAllister 604 822-3693
Lower & Middle Fraser White Sturgeon Recovery Working Group	Provide supporting resources for the organization, operation and management of the Lower and Middle Fraser River Sturgeon Technical and Community Recovery Working Groups.	\$8,000	Erin Stoddard 604-582-5374
South Coast Community Bat Project	A community-based bat project designed to identify bat roosts on both private and crown land, and assist landowners with conservation strategies.	\$28,860	Susan Leech 250 360-1492
Grizzly Bear Space-Use in the Sea to Sky Planning Area	To develop and test models of grizzly bear behavioural response to factors of habitat and human influence.	\$40,000	Clayton Apps 403-270-8663
McKay Creek Estuary Restoration Plan	Develop a proposal to restore the tidal estuary of McKay Creek in North Vancouver and improve estuarine survival of coastal cutthroat trout, steelhead and other anadromous fish.	\$5,000	Barry Chilibeck 604-980-6011

Seymour River Fish Habitat Restoration	Contribute to repairs and improvements to fish habitat restoration works on the Seymour River needed to prevent imminent structure failure, loss of high quality and critical mainstem habitat.	\$9,000	Kerry Baird 604-576-1433
Lower Fraser River White Sturgeon Acoustic Telemetry Program Extension	Continuation of acoustic tracking of white sturgeon in the lower Pitt and Fraser Rivers to provide important information regarding residency, migration patterns, and habitat preferences.	\$23,500	David Robichaud 250 656-0127
Lynn Creek Habitat Restoration Project	Habitat rehabilitation of 1.6 km of lower Lynn Creek with addition of new habitat (large woody debris, triangulated structures, and boulder clusters) to increase juvenile and adult salmonid rearing and spawning habitats.	\$30,000	Kerry Baird 604-576-1433

Thompson/Nicola Projects

Project Name	Project Description	Approved Funding	Project Leader
Operation and Maintenance (Fish) - Headquarters	Maintain fences, gates, cattle guard, and dam on property, and support costs for lake aeration system and house at Menzie Lake.	\$7,650	Ted Down 250-387-9715
Operation and Maintenance (Fish) - Thompson-Nicola	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.	\$54,850	Stephen Maricle 250-371-6253
Thompson River Juvenile Steelhead Stock Assessment	Multi-year, snorkel count assessment of steelhead parr standing stock to provide estimate of steelhead carrying capacity for the Thompson River watershed.	\$73,027	Robert G. Bison 250-371-6244
Operation and Maintenance (Wild) - Thompson-Nicola	Maintain and manage Ministry lands and restricted areas to ensure public compliance with ministry regulations, protection of natural resources, and enhanced enjoyment by the visiting public.	\$6,000	Doug Jury 250-371-6264
Operation and Maintenance (Fish) - Bonaparte	Operation and maintenance of the Bonaparte fishway and the Bonaparte Lake dam to facilitate the spawning and rearing of steelhead and rainbow trout, as well as salmon.	\$25,939	Robert G. Bison 250-371-6244
Management of Spiny-Rayed Fishes	The objective of this project is to conduct follow up monitoring of rotenone treated watersheds, as well as to assess newly reported waterbodies for the presence of spiny-ray fish. The project is also intended to keep this important issue high profile in the community through an education and awareness campaign.	\$55,125	Andrew Klassen 250-371-6237
Interior Fraser Wild Steelhead Conservation	Monitor abundance, recruitment and status of the four Steelhead stocks, including three Thompson River stocks (Nicola, Deadman and Bonaparte) and one Chilcotin stock (Chilko). Data provided by this project is used as a basis for many initiatives aimed at conserving and improving the productivity of the stock	\$76,000	Robert G. Bison 250-371-6244

	including water management plans, regulation of streamflows, habitat restoration plans, and numerous habitat restoration projects.		
Shuswap Lake Rainbow & Lake Trout Stock Status	Conduct the Shuswap Lake Angler Questionnaire survey to monitor the catch and effort for rainbow trout and lake char in Shuswap Lake.	\$10,547	Andy Morris 250-371-6325
Nicola Lake Fish Habitat Assessment	Collect baseline data on critical habitat for key sportfish species in Nicola Lake, including kokanee, burbot and rainbow trout, and to assess juvenile and spawner abundance for these species.	\$25,000	Andy Morris 250-371-6325
Predicting Current & Future Forest Use by Western Rattlesnake	Determine the pattern of forest habitat use by rattlesnakes, and test the efficacy of a GIS thermal mapping model in predicting these and other summer movements by the snakes.	\$15,396	Karl W. Larsen 250-828-5456
Kamloops - Wetland Construction & Stewardship	The Wetlands Institute will restore and construct wetlands at 3-5 sites in the Kamloops area. Participants will learn about wetland ecology and assessment as well as hands-on skills to steward wetlands back in their own communities.	\$19,100	Neil Fletcher 1-888-881-2293
Thompson River Guardian Program	River guardians will patrol during times of fishery closure and survey the steelhead fishery in the event of an opening to assist with fishery management and enforcement.	\$24,860	Robert G. Bison 250-371-6244
Endangered Stein/Nahatlatch Grizzly Bear Population Study	Evaluate the Stein/Nahatlatch grizzly bear population to identify major limiting factors and to prescribe appropriate recovery actions.	\$59,700	Bruce McLellan 604-452-3233
Logan Lake Inflow Wetland	Improve water quality flowing into Logan Lake, restore the modified area to functional wetland for wildlife, and provide research and learning opportunities for students, residents and visitors.	\$34,360	Wayne Vollrath 250 523-6225
Red Lakes Winter Oxygen Injection	Increase survival of overwintering trout and char in Red Lake by installing an oxygen injection system.	\$76,200	Stephen Maricle 250-371-6253
Shuswap Lake Shoreline Habitat Restoration	Restore high priority areas of sensitive fisheries habitat on Shuswap Lake to improve spawning habitat for lake char and rearing habitat for juvenile salmonids.	\$65,000	Andy Morris 250-371-6325
Thompson Flow Sensitive Streams	This project will document supply/demand effects on several streams in the Thompson watershed, and look for solutions to instream flow problems. This information will inform management regimes to maintain sufficient water during dry periods to protect fish rearing, migration, and spawning, as well as values extended to the riparian ecosystems.	\$40,000	Alan Caverly 250-371-6321

Thompson Region Small Lakes Water Use Strategy Project	Evaluate water availability and use for high priority small recreational lakes in the Thompson drainage. Information gathered through this process will be used to develop Water Use Strategies and lay the foundation for improved management of the water resources.	\$70,125	Stephen Maricle 250-371-6253
Inventory of Fisher Populations and Dens	Assess fisher populations in the Bridge River watershed and estimate the distribution, abundance, and supply of potential reproductive dens, and identify habitats requiring protection.	\$53,980	Larry R. Davis 250-398-7353
Important Travel Corridors for Mule Deer	In conjunction with other stakeholders, initiate planning to develop a mule deer migration corridor management plan for the Merritt Timber Supply Area.	\$4,950	Mary Sandy (250) 315-0085
Analysis and Mitigation Concepts of Alkaline Lakes in the Thompson-Nicola Region.	Collect water samples from a group of small/medium size lakes in the Thompson-Nicola region that are at risk of losing their ability to support sport fish populations due to increasing pH levels, and compare this to historical records to determine the rate of change of pH, and explore potential mitigation techniques.	\$5,000	Barry Chilibeck 604-980-6011
Community-based Amphibian Monitoring in South-Central B.C.	A collaborative amphibian monitoring program will be developed among volunteer community members, landowners, and scientists. Important wetland habitats will be identified, and stewardship activities will be initiated to promote practices that facilitate coexistence in multi-use landscapes.	\$22,355	Kristiina Ovaska 250-727-9708

Kootenay Projects

Project Name	Project Description	Approved Funding	Project Leader
Operation and Maintenance (Fish) – Kootenay Region	Operation and maintenance of two West Kootenay kokanee spawning channels and a rainbow spawning channel on Whiteswan Lake.	\$53,500	Jeff Burrows 250-354-6928
Operation and Maintenance (Wild) – Kootenay Region	Through the combined effort of conservation youth crews and contractors, the project aims to implement a planned and carefully monitored operational and maintenance program on conservation lands throughout the Kootenays, focused on wildlife habitat protection, enhancement and restoration.	\$35,530	Rob MacDonald 250-614-9909
Kootenay Lake Gerrard Rainbow Trout Conservation	This project monitors the conservation status of Gerrard rainbow trout by enumerating and characterizing spawners, estimating harvests of these fish in the Kootenay Lake sport fishery, and monitoring critical spawning habitat parameters.	\$34,000	Jeff Burrows 250-354-6928
Noxious Weed Control on Bighorn Sheep Winter Ranges	Maintain the improved quality of bighorn sheep winter range by conducting an intensive and consistent invasive plant control program in the Wigwam Flats, Bull River and Columbia Lake East.	\$17,300	Irene E. Teske 250-489-8551

East Kootenay Conservation Program (EKCP)	East Kootenay Conservation Program (EKCP) is a partnership of 49 conservation, government and industry organizations dedicated to conserving natural areas for Kootenay communities. EKCP provides coordination and facilitation to support private-land conservation.	\$30,000	John Krebs 250-352-6874
South Selkirk Grizzly Bear Recovery Project	Develop a science-based recovery plan for the South Selkirk & Yahk grizzly bear populations based on existing & ongoing research, and coupled with current, successful, management models.	\$30,000	Michael Proctor 250-353-7339
Haha Creek Watershed Northern Pike Control and Eradication	This project will conclusively determine whether northern pike were completely eradicated from the HaHa Creek watershed in 2006 thereby eliminating a donor source for future illegal introductions.	\$28,000	Leif-Matthias Herborg 250-356-7683
Creston Valley Wildlife Management Area Operations & Maintenance	Implement a series of activities aimed at upgrading ageing water control infrastructure, restoring/enhancing wetland compartments, channels, and adjacent habitat to maintain and/or increase benefits to game and non-game species.	\$40,000	Marc-Andre Beaucher 250-402-6907
South Rockies Grizzly Bear Inventory	This project will monitor the change in population size of the grizzly bear population in the southern Rocky Mountains of BC. The results of this work will offer us a greater understanding of the fundamental factors limiting population growth in grizzly bears.	\$35,000	Garth Mowat 250-356-6341
Elk Valley Mountain Sheep Movements	Monitor 40 GPS radio-collared Rocky Mountain bighorn sheep to study population dynamics, movements and habitat use within 4 active coal mines in the Elk Valley where future coal expansion is planned.	\$47,200	Irene E. Teske 250-489-8551
Fishing & Natural Mortality of Gerrard Rainbow Trout	By comparing the changing proportion of large rainbow trout and bull trout in Kootenay Lake that are caught by anglers over a 7 year cycle, this project seeks to develop a management plan to sustain the diversity, resilience and productivity of rainbow trout and bull trout populations in Kootenay Lake in particular and trout populations in large lakes in BC in general.	\$66,132	J.L. Thorley 250-352-6369
East Kootenay Ungulate Winter Range Ecosystems	Assess and document the current rangeland condition and forage availability throughout the Rocky Mountain Trench to enable science-based decision making in regards to wildlife and livestock management.	\$36,750	Sue Crowley 250-342-4290
Kootenay Moose General Open Season Monitoring	This project will determine if the new Kootenay moose hunting season is biologically sustainable and socially acceptable, by monitoring key moose population parameters and changes in hunting opportunity over 3 years.	\$30,000	Tara Szkorupa 250-489-8553

Mule Deer Population Composition Surveys	Assessment of new hunting seasons for mule deer, introduced in 2010, to ensure they are biologically sustainable, and complies with provincial harvest procedures.	\$20,700	Tara Szkorupa 250-489-8553
Quality Waters Strategy Project - Kootenay Region	The River Guardian Program provides a means of direct contact with anglers and public in the field, ensuring a visible presence to encourage regulation compliance, contribute to resource and regulation education and to act as a liaison between government (and its partners) and both recreational anglers, the angling guide industry and public.	\$62,500	Kevin Heidt 250-489-8556
Implications of Landscape Change & Hunting on the Behaviour & Population Dynamics of Grizzly Bears.	Monitor grizzly bear reproduction, adult female survival, causes of mortality, and movements as part of a long-term study of grizzly bear population dynamics. Vegetation features and annual changes in buffaloberry and huckleberry production will also be documented in order to study the link between forage production and population growth.	\$27,000	Bruce McLellan 604-452-3233
Western Screech-owl Habitat Stewardship	Provide habitat conservation and stewardship opportunities through radio telemetry on western screech owls.	\$38,900	Jakob Dulisse 250-352-6947
Boulder Creek Diversion Project	The project involves re-diverting upper Neave Creek back to its original channel to increase flows into Lillian Lake and increase flushing rates, improve water quality and restore fish and wildlife habitat.	\$50,000	Peter Holmes 250-342-4269
Reintroduction of Sharp-Tailed Grouse	Determine the feasibility of reintroducing sharp-tailed grouse to grassland habitats on Wycliffe prairie and adjacent reclaimed lands of Teck Cominco.	\$13,860	Penny Ohanjanian 250-427-5262
Determination of Gerrard rainbow trout Parr Productivity	Provide informative, quantitative data on stock dynamics to assist with managing the "trophy" Gerrard rainbow trout fishery on Kootenay Lake.	\$40,000	Greg Andrusak 250-825-2729
Kootenay Spawning Channel Facility Infrastructure Improvement	Replace and update aging and/or inadequate infrastructure that is key to ensure continued successful operation of the West Arm kokanee spawning channels.	\$10,900	Jeff Burrows 250-354-6928
Automation of Duck Lake Water Control Infrastructure	Automate two electrical 150-hp pumps and two sluice gates, and install two water level data loggers to improve the management of water levels on Duck Lake to benefit the Western Grebe and all other waterfowl utilizing Duck Lake on a yearly cycle.	\$25,000	Richard Dalon (250) 402-6900

Cariboo Projects

Project Name	Project Description	Approved Funding	Project Leader
Operation and Maintenance - (Fish) Cariboo Region	Ensure continued functionality of fisheries habitat enhancements by maintaining lake aeration systems on Skulow, Higgins, Dewar, Irish and Simon Lake;	\$49,350	Todd Gale 250-398-4555

	monitoring and maintaining flow in the Haines Creek diversion, inspecting and restoring dams, weirs , spawning channels and fish passages on other selected lakes and streams.		
Operation and Maintenance - (Wild) Cariboo Region	Completion, replacement and repair of log rail fencing around Conservation Lands in the Chilcotin. Fencing projects are required to protect important fish and wildlife habitat from negative impacts of cattle and feral horse grazing and erosion.	\$5,800	Chris Armstrong 250-398-4558
Mid-Fraser River White Sturgeon Radio Telemetry Program	Identify critical habitats for all life stages, identify key migration routes and timing, and determine important areas to be protected from future development to ensure conservation of the white sturgeon.	\$5,000	Lee Williston 250 398-4744
Assessment & Control of Invasive Smallmouth Bass	Install upstream barriers on two additional tributaries of Beaver Creek to prevent bass from reaching important native trout areas. Barriers installed over the past two years will be evaluated to determine their structural integrity and whether they are preventing upstream movement of bass.	\$35,930	Tom Wilkinson 250-398-4553
Itcha-Ilgachuz Caribou Herd	This project will assess whether the Itcha-Ilgachuz caribou population has declined or has changed its habitat use and distribution in response to the mountain pine beetle epidemic, using radio-collared caribou and a population survey.	\$50,000	Nicola Freeman 250-398-4553
Mitchell River Angling Management Plan Development	Continued collection of angler use information for the Quesnel and Mitchell River fisheries to evaluate and ensure compliance with the recently developed angling management plan.	\$43,665	Lee Williston 250 398-4744
Dean River Guardian Program	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. The guardians will collect biological information regarding Dean River steelhead stock status and fitness and will provide a Ministry and enforcement presence on the river.	\$76,260	Lee Williston 250 398-4744
Investigation of Water Loss in Tete Angela-Haines Creek Inter Basin Diversion Channel.	Determine the reason for apparent water loss for Tete Angela - Haines Creek and develop appropriate measures to address the issue. The ultimate goal of the project is to enhance freshwater habitat from current condition in Haines Creek watershed to its full potential.	\$5,000	Barb Waters 250-828-2551
Sturgeon Overwintering Habitat	An Acoustic Doppler Current Profiler and underwater video camera are used to provide fine scale hydraulic and physical characterization of sturgeon overwintering habitat in the Fraser River near Williams Lake.	\$25,705	Barry Chilibeck 604-980-6011

Feasibility of Increasing Nesting Habitat at Stum Lake	Develop a full proposal to successfully increase the nesting habitat at Stum Lake for American white pelicans, a red listed species, as well as herring gulls and the blue-listed double-crested cormorants.	\$5,000	Barb Waters 250-828-2551
Little Bridge Creek Fishway	The project will hire a professional engineer to finalize the design of and produce a cost-estimate for a fishway on Little Bridge Creek at the outlet of Exeter Lake.	\$5,000	Don Savjord 250 395-6374
Evaluation of Fish Barrier in the Fraser River System	The use of an electric fence will be evaluated as a method to diminish the downstream spread of invasive smallmouth bass from the Beaver Creek System.	\$5,000	Lynne Avis (250) 828-2551

Skeena Projects

Project Name	Project Description	Approved Funding	Project Leader
Skeena Weirs & Steelhead Stock Assessment	Operate a fish enumeration weir on the upper Sustut River for the 19th consecutive year to determine the escapement of wild summer steelhead to this system; the Sustut weir serves as an index stream for upper Skeena steelhead stocks.	\$68,000	Mark Beere 250-847-7297
Assessment of Lake Trout Population Abundance	Obtain accurate relative abundance and demographic data for 20 road-accessible lake trout populations in the Skeena and Nechako watersheds to inform management of the stocks and maintain quality angling opportunities.	\$20,275	Joe De Gisi 250-847-7288
Terrestrial Habitat Requirements of Coastal Tailed Frogs in northwest BC.	Radio-telemetry is used to track the seasonal terrestrial habitat requirements of coastal tailed frogs. Results will improve headwater stream riparian management for activities such as forestry, urban development and Run-of-the-River hydro installations.	\$56,100	Melissa Todd 250-751-3132
Power Upgrade to Kitwanga River DIDSON Steelhead Enumeration Project.	This project provides for the extension of a power line to the Kitwanga River enumeration facility to secure a consistent source of electrical power for the Kitwanga River steelhead enumeration project.	\$25,000	Dean Peard 250 847 7286
Volunteer Based Amphibian and Reptile Monitoring in the Skeena Valley	Initiate a volunteer based amphibian and reptile survey and monitoring program to address knowledge gaps in range distribution and increase public awareness and participation in conservation.	\$11,300	Anne Hetherington 250 847-7692
Restoring Whitebark Pine Ecosystems to Enhance Subalpine Bear Habitat	Restore recently burned endangered whitebark pine ecosystems with high habitat potential for grizzly and black bears. Disease-resistant whitebark pine seeds will be collected and used to replant burned areas that will otherwise regenerate to species of lower habitat value.	\$5,000	Sybille Haeussler 250-847-6082

Peace/Omineca Projects

Project Name	Project Description	Approved Funding	Project Leader
Peace River Prescribed Burns (Liard Burns)	Year four of a five year prescribed burning program to maintain and enhance ungulate winter range in the north east part of the province.	\$100,000	Alicia Goddard 250-787-3568
Operation and Maintenance (Wild) – Peace Region	Ensures site habitat protection (fence repairs, weed control and signage) and implementation of management plans on conservation lands.	\$16,000	Alan Hobler 250-787-3269
Rehabilitation Strategy for Lake Trout in Moberly Lake	Rehabilitative stocking in Moberly Lake to re-establish a balanced species community and restore a natural cycle of lake trout recruitment.	\$13,600	Brendan Anderson 250-751-3152
Wood Bison Conservation & Management	Collect information on wood bison habitat use and seasonal movements, measure the effectiveness of management efforts and develop management plans for the Nordquist and Etthithun bison herds.	\$25,000	Conrad Thiessen 250-787-3287
Wildlife Response to Prescribed Burning in the Peace Region	Study the influence of prescribed burns on elk and Stone's sheep in northeastern BC and make recommendations to improve the current prescribed burning program relative to effective timing and frequency.	\$70,442	Katherine L. Parker 250-960-5812
Improving Burbot Population Management	Knowledge gained about local burbot population dynamics will help maintain both sport and sustenance fisheries in the Omineca Region.	\$27,150	Brian Toth 250-963-8451
North American Mink Population in Central BC	Assessment of habitat selection, population densities and diet content of American mink in central British Columbia using resource selection models, mark-recapture techniques, and stable isotope analyses.	\$31,476	Dexter Hodder 250-996-0028
Operation and Maintenance (Wild) – Omineca Region	Ongoing maintenance of four Wildlife Areas within the Omineca Regions. Specific activities include improving fishing opportunities, mitigating impacts from public access, managing invasive species and maintaining boundary integrity.	\$11,500	Glen Wilson 250-614-9909
Nechako River Bull Trout Distribution Evaluations	Tagging bull trout at spawning tributaries to determine the proportion and source of bull trout overwintering in the Nechako River and to evaluate potential for limited bull trout retention fishery opportunities.	\$70,300	Ray Pillipow 250-614-9914
Cumulative Impacts of Energy Development on Woodland Caribou	Quantification of the cumulative impacts of industrial activities on four herds of woodland caribou found in the Tumbler Ridge/Chetwynd region.	\$13,860	Chris Johnson 250-960-5357
Reliable Estimates of Boreal Caribou Population Size	Research to develop new, repeatable survey methods for efficiently providing reliable estimates of boreal caribou population size.	\$42,400	Craig DeMars 780-492-1299

Herd Boundary Refinement for the Chase, Spatsizi, Horseranch, Rabbit, Frog and Finlay caribou herds	Produce updated seasonal range maps and herd boundaries for caribou. This will lead to a full proposal evaluating these findings and ultimately enhance management practises to conserve an important wildlife resource value and the sustainable flow of benefits to people.	\$4,778	Scott McNay 250-997-5700
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Okanagan Projects

Project Name	Project Description	Approved Funding	Project Leader
SOSCP Habitat Stewardship	This project will increase the amount of private land in the South Okanagan-Similkameen area that is maintained, and ultimately protected, as functional habitat for wildlife species at risk.	\$45,000	Bianka Sawicz 250-492-0173
Operation and Maintenance (Fish) – Okanagan Region	Operation and maintenance of HCTF fisheries projects completed around the Okanagan region including: aerator operation at Burnell, Kidd, Lady King, Yellow, Gardom and Martins Lakes, dam maintenance on 14 Okanagan lakes, and maintenance of fishways, spawning channels, and other restoration structures.	\$65,350	Tara White 250-490-2287
Operation and Maintenance (Wild) – Okanagan Region	Critical land management activities on lands acquired or leased by the ministry for conservation purposes in the Okanagan Region. Management activities include: ecosystem restoration, invasive species management, legal survey, fencing installation/maintenance, installation of boundary and interpretive signage and mitigation of safety issues.	\$40,000	Mark Weston 250-490-8279
South Okanagan Ranchland Conservation	Supports continued implementation of HCTF-funded Management Plans on two Biodiversity Ranches in the South Okanagan.	\$12,000	Carl MacNaughton 250-498-5474
Mabel Lake Rainbow Trout Stock	Obtain data from rainbow trout tagging program to accurately estimate the exploitation rate and assess alternative harvest strategies to restore this fishery.	\$8,200	Paul Askey 250-490-8267
Habitat Restoration for Bighorn Sheep, Elk, Mule Deer & Mountain Goat in Southern Interior	Maintain and restore the quality and carrying capacity of winter range for bighorn sheep at Okanagan Mt and Shorts Ck, and for mountain goat at Sitkum Ck using mechanical vegetation treatments and prescribed burning.	\$20,000	Robert Stewart 250-490-8253
Okanagan Region Bighorn Sheep Transplant Monitoring	Continue to monitor two bighorn sheep transplants into Shorts Creek and Okanagan Mtn. Park to assess transplant success, herd productivity, herd distribution and habitat use, and collect demographic data for future management.	\$8,000	Aaron Reid 250-354-6288
Middle Vernon Creek Fish Passage Assessment	Estimate egg-to-fry survival for Wood Lake stream spawning kokanee and assess the impact of a planned permanent flow control structure at the outlet of Ellison Lake which flows into Middle Vernon Creek and then into Wood Lake.	\$22,847	Howie Wright 250-707-0095

Mission Creek Habitat Restoration Coordinator	Retain a Project Coordinator to facilitate a multi-year, multi-stakeholder initiative to restore fish and wildlife habitat on Mission Creek, the most important fish producing tributary to Okanagan Lake.	\$20,000	Tara White 250-490-2287
Priority Management & Conservation of Okanagan Region Kokanee	The project will focus on establishing sustainable exploitation rates on Wood Lake (Okanagan Region's top fishery) as well as developing key stock assessment tools for managing all the main valley lakes.	\$39,000	Paul Askey 250-490-8267
Kettle River Water Management Plan	Develop a streamflow protection plan for the Kettle River Watershed, which addresses fisheries values and habitat requirements as well as existing and future water supply for domestic and agricultural users.	\$48,306	Tara White 250-490-2287
Granby/Shuswap Mule Deer Composition Surveys	Collect and evaluate information on mule deer sex and age ratios in December (post hunt, but while bucks still have antlers) .The information will be used to determine the impact of hunter harvest on mule deer populations under different harvest regimes.	\$29,650	Brian Harris 250-490-8254
Habitat management for Western Rattlesnake and Great Basin Gopher Snake	Long-term preservation and management of snakes by evaluating and identifying effective management strategies, investigating potential long term effects of management practices, and developing recommendations for future snake management.	\$19,208	Karl W. Larsen 250-828-5456
South Okanagan Similkameen Conservation Program (SOSCP)	Fish and wildlife habitat conservation and protection through a collaborative partnership model focused on key local and regional government planning initiatives and leveraging of resources within the South Okanagan-Similkameen Region.	\$30,000	Bryn White 250-404-0399