



HCTF 2015-16 Approved Projects - Vancouver Island

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 1977 to enumerate salmonid smolt output and steelhead adult return annually. It provides the only opportunity to calculate accurate smolt-to-adult survival which is a critical variable needed to understand recruitment dynamics and stock status of steelhead populations in BC. Periodically, it has and continues to support in situ research projects designed to increase our understanding of factors that impact the sustainability and management of freshwater and anadromous fish in BC.	\$117,400	Sue Pollard Ministry of Forests, Lands and Natural Resource Operations 250-387-3363
Conservation and Restoration of Priority Wildlife Habitat on Salt Spring Island	1-490	This project restores wetlands in Blackburn Lake Nature Reserve and Makaroff Nature Reserve, increases the size of protected areas and works with private landowners to support wetland restoration and enhancement on private properties.	\$25,000	Christine Torgrimson 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.	\$38,285	Sue Pollard Ministry of Forests, Lands and Natural Resource Operations 250-387-3363
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.	\$25,000	Jemma Green Garry Oak Ecosystems Recovery Team (GOERT) 250-383-3427
Gordon River - Loup Falls Bypass Channel Monitoring 	1-559	In the summer of 2014, the Loup Falls bypass channel on the Gordon River was physically modified through rock removal and repositioning as well as the use of geotextile fabric. The channel had lost functionality at low to moderate flows which resulted in a significant migration impediment to summer Steelhead. Construction work occurred in summer of 2014. Snorkel surveys were conducted above and below the obstruction pre construction and immediately before re-introduction of flow on September 18. This project is designed to properly monitor a full season of summer Steelhead migration in 2015 to assess the effectiveness of work completed in 2014.	\$15,922	Kevin Pellett British Columbia Conservation Foundation (Lantzville) 250-716-8776
Vancouver Island Small Lakes Fertilization Pilots	1-572	Two small lakes on Vancouver Island will continue to be enriched and monitored in 2015/16 using liquid nutrients to increase primary productivity (to promote fish growth). A third lake, scouted in the	\$20,825	Jeramy Damborg British Columbia Conservation Foundation



		<p>2014 will also be enriched for the first time, and stocked with triploid (3n) Kokanee. Background data collection for other lakes on VI will also continue to be completed during the program to determine their suitability for future enrichment in year 3 and beyond. Lakes will be stocked with an appropriate number of fish to produce "trophy" fisheries where none currently exist.</p>		<p>(Lantzville) 250-716-8776</p>
<p>Cowichan Lake Shoreline Stewardship - Fish and Wildlife Habitat Restoration Pilots</p>	<p>1-583</p>	<p>At a target of ten or more private and/or public lake shore properties, innovative bioengineering and habitat improvement techniques will be used to restore aquatic and riparian ecological productivity. Projects will engage resource professionals, volunteers, students, lake shore owners and the media in successful demonstrations of the value of naturalized shorelines, partnerships and enhanced stewardship practices.</p>	<p>\$25,000</p>	<p>Craig Wightman British Columbia Conservation Foundation (Lantzville) 250-390-2525</p>
<p>West Coast Roosevelt Elk Augmentation and Recovery Project</p> 	<p>1-599</p>	<p>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, 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.</p>	<p>\$15,000</p>	<p>Billy Wilton Ministry of Forests, Lands and Natural Resource Operations 604-885-8944</p>
<p>Morrison Creek Fish Passage Improvements</p>	<p>1-608</p>	<p>This project will restore fish passage through two barriers in Morrison Creek, an important salmon stream and only home of the SARA listed Morrison Creek Lamprey. A series of rock riffles will be constructed to restore habitat connectivity for all species and life stages. Instream complexing and riparian planting will be part of the project.</p>	<p>\$39,415</p>	<p>Rupert Wong Current Environmental 250 871-1944</p>
<p>Western Toad Winter Habitat Requirements in Modified Landscapes on Vancouver Island</p>	<p>1-613</p>	<p>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.</p>	<p>\$24,362</p>	<p>Elke Wind E. Wind Consulting 250-716-1119</p>
<p>Lower Cowichan River - Scoping of Riparian Rehabilitation Program</p>	<p>1-623</p>	<p>Coordinating with CSRT (Cowichan Stewardship Roundtable) members and local expertise, BCCF will identify altered and impaired riparian habitats on the lower Cowichan River below Allenby Road. With the status of each bank's riparian condition identified, and landowner support/access for restoration clarified, BCCF will produce a multi-year riparian rehabilitation plan benefiting wild trout and salmon stocks to be used for funding applications to HCTF and other agencies.</p>	<p>\$4,989</p>	<p>James Craig British Columbia Conservation Foundation (Lantzville) 250-390-2525</p>

