

# LRISS

**ANNUAL REPORT OF "LILLOOET REGIONAL INVASIVE  
SPECIES SOCIETY" 2019-20**





# TABLE OF CONTENTS

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TABLE OF CONTENTS	2
Annual Report 2019-20	3
Overview	3
Coordination, Collaboration & Planning	3
Field Operations	4
Terrestrial Invasive Plant Program	4
New Invasive Plants Found	6
Invasive Mussel Sampling	7
Homeowner Kit Delivery	8
Outreach & Education Program	12
Events, Presentations & Training	12
Resources	12
Digital Outreach	13
Features & Advertisements	13
Financial Summary	14
Revenue	14
Expenditures	15
Acknowledgements	16
Appendix 1. List of Partnerships and Activities.	17
Appendix 2: LRISS's 2019 Priority Species	18
Appendix 3. LRISS Financial Reports	18
Appendix 4. LRISS In-Kind Contributions Summary 2019-20	22



# ANNUAL REPORT 2019-20

## OVERVIEW

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*The Lillooet Regional Invasive Species Society (LRISS) has operated since 2011 and this is our 8th season of operations. There are three main programs: Coordination, Collaboration & Planning, Outreach & Education and Field Operations. This report outlines the outcomes of these programs and our successes in the management of invasive species in the Lillooet region.*

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*Images 1, 2 & 3: Hoary Cress & Blueweed by Jacquie Rasmussen. Hoary Alyssum by Lisa Scott.*

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## COORDINATION, COLLABORATION & PLANNING

LRISS places a high priority on collaboration and partnerships. Our goals for the year included forming new partnerships, communication of results and collaboration

with existing partners. Appendix 1 is a full list of partners and the projects and activities completed with each one. LRISS has 26 active partnerships. We had 3 new partnerships including:

- Lillooet Rod & Gun Club
- Winner's Edge Sporting Goods
- Timbermart Garden & Feeds

LRISS hosts a variety of meetings where our partners are invited to participate. This includes our Operational Planning meeting that is held in March. We host our Annual General Meeting at the beginning of May. This year we hosted a meeting for the Ministry of Transportation & Infrastructure (MOTI) jurisdiction.

Our Annual General Meeting and workshop was held on May 8, 2019. We had two speakers including the local Conservation Officers and the District of Lillooet's Bylaw Officer. The Conservation Officers talked about a variety of topics including invasive mussels, status of our local bighorn sheep and urban deer. Jennifer Davidson, the Lillooet Bylaw Officer, gave a presentation on feral cats. There are several feral cat populations in and around the District of Lillooet that Ms. Davidson is trying to address. A summary of our annual report was also presented at our AGM every year and can be found on our website.

The Executive Director attends annual conferences to stay current with invasive management tools and research in addition to connecting with funders and regional committee colleagues. The Regional Invasive Species Organization Field Tour was hosted by

the Fraser Valley Invasive Species Society and the Metro Vancouver Invasive Species Council in Harrison Hotsprings, BC in September of this year. We learned about their knotweed trials using mesh and treatment of wild chervil. We also had presentations by staff from the Agriculture Research Station in Kent, BC including biocontrol agents.

## FIELD OPERATIONS

Field Operations included 3 main activities: Terrestrial invasives, Aquatic invasive sampling and Home Kit Delivery. The Home Kit Delivery not only collected information about invasives on Indigenous reserve lands but had a strong outreach component. Although it could be described in either program, data was collected about invasives and is summarized here in Field Operations.

### Terrestrial Invasive Plant Program

The invasive plant removal program is composed of surveys, mechanical treatment and monitoring. A site list is prepared annually for the treatment program using the priority plant species list (Appendix 2) and a review of

*Table 1. Summary of Invasive Plant Removal Program Results.*

Funder	New Sites	Hectares of New Sites	Sites Surveyed	Hectares Surveyed	Sites with Zero Hectares	Sites Treated	Hectares Treated	Treated Sites Monitored
MoFLNRO	33	3.5735	110	11.4358	54	82	1.8121	15
BC Hydro	0	0	29	3.1779	4	20	0.6452	12
MOTI	7	16.0202	83	33.0132	23	55	11.3619	36
IR	6	0.261	0	0	0	6	0.001	0
Parks	0	0	2	0.16	1	1	0.16	0
Private	1	0.59	1	0.16	0	1	0.16	0
<b>Totals</b>	<b>47</b>	<b>20.4447</b>	<b>225</b>	<b>47.9469</b>	<b>82</b>	<b>165</b>	<b>14.1402</b>	<b>63</b>





watersheds. These lists were given to the 2 contractors and covered the Ministry of Forests, Lands & Natural Resource Operations (MoFLRNO), Ministry of Transportation & Infrastructure (MOTI) and BC Hydro jurisdictions. Our Staff also assisted with the removal of Blueweed (*Echium vulgare*) on the Gold Bridge Community Hall property. They also completed an inventory of 2 roads accessing the grassland ecosystems on the West benches of the Fraser Valley north of Lillooet. Sites were created along these roads and treatment also occurred on priority sites. A summary of the work completed is found in Table 1.

The LRISS Crews contributed significantly to the work that was accomplished this season. They inventoried 2 roads into the grassland benches of the Fraser River. Approximately 20 kilometres of road was covered. Thirty new sites were established as a result of this inventory and 21 of these sites were treated. LRISS Crews were also able to review, survey and treat 4 Rec Sites: Carol Lake, Cinnamon, Cottonwood, Gott and Rogers Creek. As a result of this work, 6 new sites were established and treatments were completed on 7 sites. The site at Carol Lake existed already and was also surveyed. Tom Cole (the Demonstration Forest Southwest of Crown & Pavilion Lakes) was also reviewed at the end of the field season. There were funds available in the budget and three new sites were found & treated and another 9 sites were surveyed and treated. There are wetlands in this area and cattle use as well. This area was chosen because of the sensitive wetland areas, known invasives and the fact that LRISS hadn't been to review the sites in at least 2 years.

The LRISS staff monitored 39% of the total sites treated exceeding our goal to monitor 10% of



all treated sites. It is essential to check the efficacy of the treatment work as well as to check the quality of the contractor's work. We continue to work with the contractors to improve their work planning, data collection and site treatment. This year we had a new contractor so we reviewed more of their sites to ensure they had collected the data properly and treated the sites effectively.

### New Invasive Plants Found

Three new invasive plant species were found in our region this year: Wild Parsnip (*Pastina sativa* L.), Puncturevine (*Tribulus terrestris*) and Wood Sage (*Salvia nemorosa* L.). The Wood Sage has been here for a few years but was not properly identified until the LRISS crews found it when delivering Homeowner kits to the Ts'kw'aylaxw community. Wood Sage was found on a property in Marble Canyon and it was found on MOTI right of way between the community of Pavilion and the lake. This species was likely a garden escapee and will be treated next year. It has not significantly spread from the road right of way location.

The Wild Parsnip, however, is of much greater concern because of the harm it can pose to humans. This plant contains a toxic compound called furanocoumarins. These compounds can cause serious burns or blisters to skin when exposed to the sap and then sunlight. The roots of the Wild Parsnip (the non-cultivated form) contains the same compound so it is not recommended for consumption. If livestock feed on it, the compounds can inhibit weight gain and negatively affect fertility. Jacquie Rasmussen found a Wild Parsnip infestation at the T'it'q'et Wetland (located on Reserve) while reviewing the wetland with the community's Guardian Crew on October 8, 2019. Jacquie has been working with the community since

then to keep them safe and give them all the information necessary to make treatment and management considerations. A notice was sent out to the community with photos warning them to keep away from the plant. An advertisement was also placed in our local paper, the Bridge River Lillooet News, to warn the residents of our region about this plant. It is the only known infestation in our region.

Puncturevine (*Tribulus terrestris*) has been confirmed on private acreage south of Lillooet. It is owned by the Seventh Day Adventist Church on their Fountainview Academy site. They have been doing an excellent job at removing the patches by hand. They operate an international school and organic carrot farm. They have access to many volunteers. They have been mapping the spots and so far, it is contained to the property. The puncturevine originally came in on the root ball of a donated tree from the Okanagan area. LRISS will continue to support their treatment efforts but we are happy to see that they are mapping, monitoring and removing it very efficiently.

*Images 4, 5 & 6. Wood Sage, top left and Wild Parsnip, right and Puncturevine bottom right.*

*Photo credits: LRISS Staff, Jacquie Rasmussen & Howard F. Schwartz, Colorado State University,*








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## *LRISS Staff Sampling for Invasive Mussels*

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### **Invasive Mussel Sampling**

Aquatic invasive mussel sampling took place at 6 waterbodies in our region between July and September. Water samples were taken to detect the larvae (called veligers) of invasive freshwater mussels called Zebra (*Dreissena polymorpha*) and Quagga mussels (*Dreissena rostriformis bugensis*). These mussels have yet to be detected in the Province of British Columbia and these activities are part of a prevention and early detection program managed by the Ministry of Environment and Climate Change Strategy. Our sampling work was funded through the Habitat Conservation Trust Foundation (HCTF) with Government money.

Table 2 below shows the water bodies that were sampled and the number of samples. All of the samples were determined to be clear of any invasive mussels. Only 6 lakes were sampled this year. The HCTF and Ministry determined that a subset of lakes that were

sampled last year were not rated high (for invasion or establishment) because of discrepancies in the calcium readings for these lakes. The calcium sampling equipment recommended by the funders was determined to be the wrong type of calcium and not the type measured for shell formation of invasive mussels. Older data was used to rate Gun, Seton, Carpenter and Downton and were dropped from sampling as a result. Substrate monitors were deployed at some of the lakes.

The LRISS staff deployed substrate monitors at 6 lakes: Pavilion, Fountain, Seton, Tyaughton, Marshall and Gun Lake for the purposes of detecting the presence of adult invasive mussels. These monitors consist of a series of plastic mesh, plastic tubing and metal washers along a rope with a fishing weight. They are attached to a dock or other structure to see if any invasive mussel shells will form on their surface. They were deployed in July, checked at the beginning of August and removed at the end of August. There was no indication that any adult mussels were forming or attaching to the substrate monitors. These monitors are used because the invasive mussels are the only freshwater species that actually attach to surfaces like docks, boats, motors and water intake pipes.



Table 2. Waterbodies sampled for invasive mussels, 2019

Waterbody name	Sample site name/ description	Months sampled - 1 per month	Total plankton samples	Total Substrate inspections
Anderson Lake	East end of Lake	July, August, Sep	3	NA
Crown Lake	Provincial Camp Ground	July, August, Sep	3	NA
Duffy Lake	Provincial Camp Ground Boat Launch	July, August, Sep	3	NA
Fountain Lake	BC Rec Site Boat Launch; Substrate at Private dock	July, August, Sep	3	3
Gun Lake	Private Dock	July, August, Sep	NA	3
Marshall Lake	Private Dock	July, August, Sep	NA	3
Pavilion Lake	Public Boat Launch	July, August, Sep	3	NA
Pavilion Lake	Private Dock near cluster of houses	July, August, Sep	3	3
Seton Lake	Public Dock & Boat Launch	July, August, Sep	NA	3
Tyughton Lake	Tyax Lodge Dock	July, August, Sep	3	3
		Total samples	21	18

### Homeowner Kit Delivery

In collaboration with the 6 northern St'át'imc communities and the SLRD Emergency program, the LRISS crews delivered 578 homeowner kits. The kits contained resource contributions from the Coast to Cascades Grizzly Bear Initiative, Hope Mountain Black Bear Committee, Emergency Management BC and the Wildfire Service of BC, Lillooet Zone. This project had a number of goals that focused primarily on raising awareness of the programs by placing resources into the hands of St'át'imc Community members by visiting their homes. The programs included invasive species, bear aware, FireSmart and Emergency Preparedness. The resources distributed included:

- Homeowner Kit Postcard explaining the kit and describing the main contact information for each of the programs. Please see the image below which shows an example of the postcards and information on it. Each St'át'imc community had a postcard with their logo and contact information.
- Field Guide to Noxious Weeds and other Selected Invasive Plants of British Columbia, 9th edition. Province of BC.
- Be Plantwise, Grow Me Instead. Wallet Card. Invasive Species Council of BC.
- Aquatic Invasive Species. Wallet Card. Invasive Species Council of BC.
- Invasive Fish Postcard. LRISS original.



- FireSmart Homeowner's Manual. Province of BC.
- Grizzly Bear: Wildsafe BC. British Columbia Conservation Foundation.
- Hope Mountain Black Bear Committee: Living with Bears Brochure.
- Coast to Cascades Grizzly Bear Initiative Brochure.
- PrepareBC: Household Emergency Plan. Province of BC.
- PrepareBC: Household Preparedness Guide, A guide for protecting your family. Province of BC.
- PrepareBC: Prepare for your Pets card.
- OK-HELP window sign for during Emergency situations.

*Image 7. Homeowner Kit Postcard Example*



Overall, we achieved our goals for this program. We delivered 578 kits in all of the St'át'imc communities: Xwisten, Xaxl'ip, Sekw'el'was, Ts'kw'aylaxw, T'it'q'et and Tsal'alh. It was very helpful to have a community liaison for the delivery which provided local knowledge and a familiar face when we were greeting people at their doors. When people were at home and willing to talk to our crews, we asked them some simple questions to gain knowledge about their level of awareness in each of the programs listed above. The crews talked to 220 people or 38% of the households where kits were delivered. If people were not at home, our crews made non-obtrusive observations about invasives, fuels and bear attractants.

All of the data was shared with the individual St'át'imc communities this fall. A summary of their information only was given in the form of a spreadsheet as well as a summary of data. Conclusions and recommendations for each community was also included in the summary. It should be noted that in most cases, the LRISS Crews and community liaison talked to less than half of the community.

The following tables show the overall results of the survey and observations in all of the communities combined.

*Table 3 Home Kit Delivery: Invasive Species Information*

<b>Properties that had 1 or more Invasive Plant identified:</b>	<b>322 or 56%</b>
Invasive Plants Identified: Knapweed, Hoary Alyssum, Burdock, Toadflax, Canada Thistle, Oxeye Daisy, Batchelor's Buttons, Baby's Breath, Wood Sage, Parasitic Dodder	-
Number of residents surveyed concerned about invasives:	101 or 46%
Number of residents surveyed who had removed invasives:	98 or 45%

*Table 4: Home Kit Delivery: Firesmart Information*

<b>Number of households with wildfire hazards and fuels on property:</b>	<b>321 or 56%</b>
Description of Fuels on Properties: Wood Sided home, Wooden Roof, Dense brush, Firewood close structure, Flammable Door Matt, Flammable Plants near house, ladder fuels, Debris in gutters.	-
Number of residents surveyed who are concerned about wildfire:	109 or 50%
Number of residents surveyed who know about the Firesmart Program:	105 or 48%
Number of residents surveyed who have done modifications to remove fuel on site:	150 or 68%

*Table 5. Home Kit Delivery: Bear Aware-Attractant Information*

<b>Number of properties with bear attractants:</b>	<b>308 or 53%</b>
Description of Bear Attractants on the Properties: Berry bushes, fruit trees, open garbage cans, garbage, BBQ's outside, compost, pelts, fishing gear, birdseed, dog food, freezer-fridge.	-
Number of residents surveyed who have had problems with bears:	51 or 23%
Number of residents surveyed that have made changes to decrease bear attractants and bear issues:	123 or 56%
Number of residents surveyed who had concerned about bears:	45 or 20%
Number of residents with a bear bin for garbage:	43 or 19%



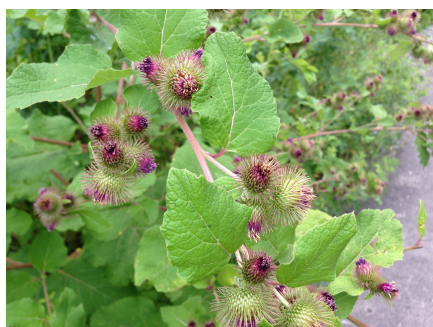
*Table 6. Home Kit Delivery: Emergency Planning Information*

<b>Number of residents concerned about emergency situations:</b>	<b>74 or 34%</b>
Description of emergencies residents were concerned about: Creek flood, landslide, mudslide, slides, dam break, earthquake, fire	-
Number of residents surveyed with an emergency plan:	59 or 27%
Number of residents surveyed with an emergency kit:	16 or 7%
Number of residents surveyed with an emergency plan & kit:	73 or 33%

#### Home Kit Delivery Conclusions and Recommendations

1. Data collected did include addresses (when available), GPS locations of the houses where the kits were delivered. This information is private and was only shared with the St'át'imc communities where the information was collected.
2. Over half of the homes did have invasive plants. It was encouraging to see that just under half of the people that were surveyed were actually concerned and did remove invasives. More work to increase the knowledge of how to identify and remove invasive plants is recommended. Photos of the invasives observed can be found below.
3. Over half of the properties had fuel on their property that could increase their risk to wildfire. Although less than half knew about the Firesmart program, almost 70% of those surveyed had done modifications to reduce fuel sources on their property. It is recommended that more assessments be completed at households for Firesmart and further funding to support the removal of fuels on property should be researched and acquired if possible.
4. Over half of properties surveyed have bear attractants on their property. More support could be given residents to remove or change their property to bear-proof it.
5. A very low number of residents are concerned about emergencies and a low number with an emergency plan, kit or both. There may be gaps in this information. The Emergency Coordinators should be consulted in the communities to see if they have distributed more kits than are indicated in the people that our crews talked to. It is recommended that a review of household preparedness be done and find out what the barriers are to have a kit/plan or both for emergency situations.

*Images 8-11: Burdock spp., Hoary Alyssum, Diffuse Knapweed & Dodder. All images by J.Rasmussen.*



## OUTREACH & EDUCATION PROGRAM

The Outreach & Education program has a number of activities to reach people with the goal to prevent the introduction and spread of invasives. LRISS endeavours to offer a diverse range of outreach and education in order to reach the maximum number of people as possible. Table 7 shows the variety of activities and the following sections describe the activities.

### Events, Presentations & Training

LRISS has participated in or delivered 36 events, presentations and training. These have included community events like Fishing Derbies and the Farmer's Market. The Executive Director has delivered presentations and training at St'át'imc community meetings and forest contractor meetings. We have reached 883 people for this category. We continually look for opportunities to reach new audiences and share information on invasive identification and impacts. We continue to build capacity within the St'át'imc communities by hosting training sessions. This year the P'egp'ig'lha Council - T'it'q'et received funding to have a Guardianship program. The crew received training to build on their knowledge of invasives.

### Resources

LRISS not only purchases resources for Provincial programs but we create our own for local programs. This year we have distributed over 5000 print resources. We have created 15 new resources for distribution. The majority of the new resources are postcards in collaboration with businesses or for distribution in the Home Kits. An example of

the Home Kit postcard is Image 13 below. Below you will find 2 examples of postcards (Images 13-15) that were produced for distribution to tourists and campers with PlayCleanGo messages. Tyax Lodge agreed to distribute the postcards to their guests. The St'át'imc community, Xaxlí'p manages the campgrounds at Fountain Lake and they gladly accepted the postcard shown below to distribute to campers. The bottom right image is the back of both postcards.

*Table 7. Summary of Program Reach & Activities*

Outreach Type	Total Reach / Numbers Produced	# of Posts/ Events / Publications
<b>Decal</b>	150	1
<b>Event</b>	572	17
<b>Newsletter Features</b>	19377	12
<b>Presentation</b>	304	16
<b>Print Ad</b>	2375	5
<b>Print Resource</b>	4891	14
<b>Social Media: Instagram</b>	15004	157
<b>Social Media: Pinterest</b>	2512	150
<b>Social Media: LinkedIn</b>	8322	161
<b>Social Media: Twitter</b>	63428	169
<b>Social Media: Facebook</b>	73417	188
<b>Tourism Ad</b>	61500	3
<b>Training</b>	7	3
<b>Website</b>	459	4
<b>TOTAL</b>	252318	900



## Images 12-15: Examples of New Resources Produced



**Stop Invasive Species in Your Tracks.**

[www.LRISS.ca](http://www.LRISS.ca)  
**LILLOOET REGIONAL INVASIVESPECIESSOCIETY**

**Play Clean Go**  
[PlayCleanGo.org](http://PlayCleanGo.org)

**STAY** on designated roads & trails.  
**USE CERTIFIED** or local firewood & hay.  
**REMOVE** plants & mud from boots, gear & boats.  
**CLEAN** your gear before entering & leaving a site.  
**DRAIN & DRY** equipment before launching to a new water body.  
**REPORT** invasive species with the free App: Report Invasives BC.

### Digital Outreach

Electronic resources include our website and 5 social media channels: Facebook, Twitter, Instagram, LinkedIn and Pinterest. We consistently post on social media three times a week. We generated 825 posts with a reach of 162683 for this fiscal year. Facebook continues to reach the most on social media. We were very pleased to collaborate with 2 local businesses to create online campaigns. Lillooet Timber

Mart has a new Garden Centre and we featured its plants and products during Invasive Species Month in May. They agreed not to purchase invasive plants or seeds to sell to their clients. This campaign alone reached over 16,000 which is very good for a region with a population of about 2500. During August and September, the local sports store, Winner's Edge was featured. We highlighted products in their store with PlayCleanGo messages and

CleanDrainDry as well. This campaign also reached over 10000. An extensive update to the Resources on the website was completed this year to offer information on a variety of topics and links to organizations.

### Features & Advertisements

In this category, it not only includes features for newsletters but also print media like the newspaper and tourism guides. LRISS

creates monthly feature articles and sends them to our partners who, in turn, put them in their newsletters and social media. We also put

PlayCleanGo features in the Lillooet, Gold Country and Bridge River Tourism Guides. There were 20 features published with a reach of

83252. This is the most amount of reach because of the large numbers of tourism guides published.

## FINANCIAL SUMMARY

### Revenue

LRISS secured \$137,117.98 for our 2019-20 program. New funding was in the form of wage subsidies from the Aboriginal Skills & Employment Strategy and Canada Summer Jobs programs. The Service Funding from the Squamish Lillooet Regional District (SLRD) rose this year and will increase annually. This provides a stable source of income because it is derived from tax income.

The amount of revenue grew from last year. Last year our revenue was \$118,432 so it has increased by approximately \$18,686. The acquisition of the 2 wage subsidy programs is the primary reason for the increase.

*Table 8. Overview of LRISS Primary Funders 2019-20*

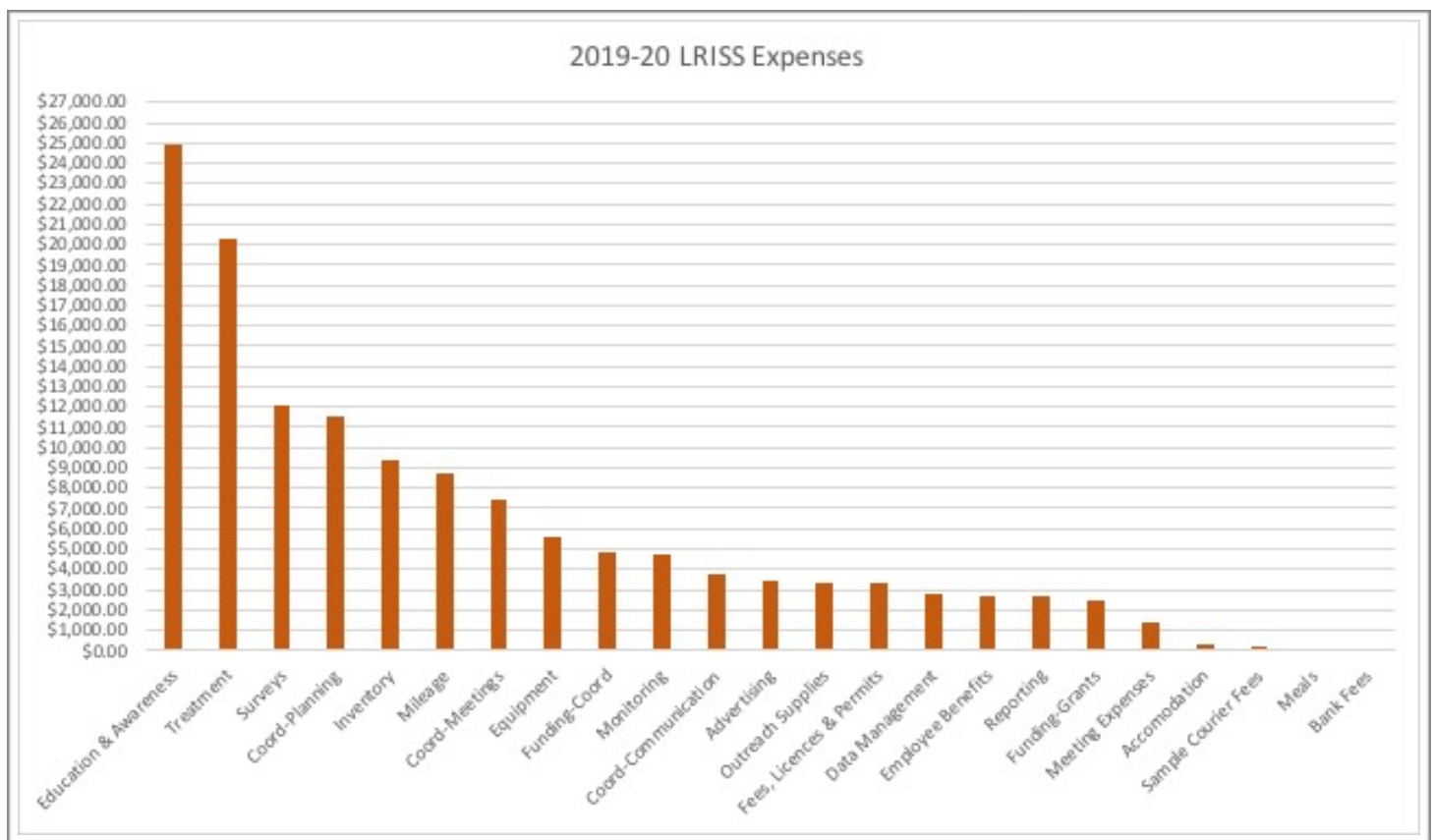
Sources of Revenue	Amount
Aboriginal Skills & Employment Strategy	\$4,467.00
BC Community Gaming Grant	\$8,800.00
BC Hydro	\$5,000.00
Canada Summer Jobs	\$8,412.00
Habitat Conservation Trust Foundation	\$10,719.00
Lillooet Naturalist Society	\$1,141.05
Ministry of Forests, Lands & Natural Resource Operations & Rural Development	\$41,500.00
Ministry of Transportation & Infrastructure	\$20,000.00
P'egp'ig'lha Trails & Guardianship Program	\$293.59
Squamish Lillooet Regional District	\$32,142.50
2018-19 Deferred Revenue	\$4,642.84
<b>Total Revenue</b>	<b>\$137,117.98</b>



## Expenditures

The fiscal year runs from April 1 to March 31 of the next year. Expenditures are tracked using an accounting program called Sage50. The total amount for expenditures this fiscal amounted to \$136,131.28. The activities are budgeted and tracked by funder and activity. The Sage accounting program can produce a variety of reports that shows our budgets and expenditures and cash balances. These are reviewed by our book keeper, treasurer and Executive Director. Appendix 3 provides both the Income Statement and the Balance Sheet for the 2019-2020 fiscal year. The chart below shows a summary of expense activities.

*Chart 1. Summary of Expenses 2019-2020 Fiscal Year.*



The top three expenditures for this fiscal year area as follows:

1. Education & Awareness program delivery.
2. Treatment of invasive plant sites.
3. Surveys of invasive plants sites.

LRISS received 169 in-kind hours and meeting space use worth approximately \$3980 (see Appendix 4). We are very appreciative for these donations of time and space to assist us with our operations.

# ACKNOWLEDGEMENTS

We are extremely grateful for the volunteer Board of Directors that oversees the operation of LRISS. Our Board Members include:

- Sue Senger, Chair
- Mandi Rogers, Vice-Chair
- Bill Spencer, Treasurer-Secretary
- Gerald Michel, Director
- Matt Manuel, Director
- Travis Peters, Director

LRISS also like to thank all of our partners (see Appendix 1) and their contributions to our program.

## APPENDIX 1. LIST OF PARTNERSHIPS AND ACTIVITIES.

Partner	Project - Activity
Lillooet Naturalist Society	Funding, In-kind support, Invasive plant removal on Trails, Signage, Newspaper Features
Lillooet Agriculture & Food Society	Sharing of resources Agreement, Monthly newsletter shared.
Bridge River Valley Community Association	Invasive Outreach Historic Haylmore Site, Events, Staff Training, Monthly newsletter sharing
Lillooet Off Road Cycling Society	Partnership Agreement: Sharing of resources, Project support, Monthly newsletters sharing.
Lillooet Livestock Association	Member on LRISS Board, Producer outreach, Monthly newsletter
Lillooet Rod & Gun Club	Fishing Derby Event: Invasive Fish & Play,Clean,Go program delivery.
Xwísten	Councilor on LRISS Board, Project Collaboration, Home Kit Delivery
P'egp'ig'lha Council - T'it'q'et	Project Collaboration, Crew Training for Guardianship program, Home Kit Delivery
Xaxli'p Community Forrester Corporation	Funding application support, Home Kit Delivery
Tsal'alh	Monthly Newsletter, Project Collaboration, Home Kit Delivery
Sekw'el'was – Splitrock Environmental	Funding application Support, Project Collaboration, Home Kit Delivery
Ts'kw'ay'lawx	Home Kit Delivery, Training of Heritage Crews
Lillooet Chamber of Commerce	Member
District of Lillooet	Training of Public Works Crews, Funding Application Support, Project Collaboration, CDD Sign Installation
Tyax Wilderness Lodge	Joint project: Outreach Signage
Tyax Adventures	Joint outreach delivery to Mountain Bikers: PlayCleanGo
Winners Edge Sporting Store	Collaborative Social Media Campaign: PlayCleanGo
TimberMart, Feed & Garden Centre	Collaborative Social Media Campaign: Plantwise
Squamish Lillooet Regional District	Funding Partner for all programs
Ministry of Forests, Lands & Natural Resource Operations	Funding Partner for all programs
Ministry of Transportation & Infrastructure	Funding Partner for Field program
BC Hydro	Funding, Workshop training support for St'at'imc
BC Community Gaming	Funding Partner for Outreach & Education Program
Habitat Conservation Trust Foundation	Funding Partner for Aquatic Invasive Mussel sampling
Ministry of Environment & Climate Change Strategy	Funding and project partner for aquatic invasives
Other Regional Invasive Species Organizations including Sea to Sky Invasive	Invasive Site reconnaissance on borders, Outreach materials collaboration, collaborative research on mapping and human resources programs.



## APPENDIX 2: LRISS'S 2019 PRIORITY SPECIES

Common Name	Latin Name	LRISS Priority
Blueweed	Echium vulgare	2-Eradicate
Common bugloss	Anchusa officinalis	2-Eradicate
Cypress spurge	Euphorbia cyparissias	2-Eradicate
Himalayan blackberry	Rubus armeniacus	2-Eradicate
Hoary cress	Cardaria draba	2-Eradicate
Japanese knotweed	Fallopia japonica	2-Eradicate
Leafy spurge	Euphorbia esula	2-Eradicate
Tansy ragwort	Senecio jacobaea	2-Eradicate
Yellow iris	Iris pseudachorus	2-Eradicate
Baby's breath	Gypsophila paniculata	3-Contain
Common tansy	Tanacetum vulgare	3-Contain
Hawkweed species	Hieracium spp	3-Contain
Hoary alyssum	Berteroa incana	3-Contain
Hound's-tongue	Cynoglossum officinale	3-Contain
Nodding thistle	Carduus nutans	3-Contain
Orange hawkweed	Hieracium aurantiacum	3-Contain
Perennial sow thistle	Sonchus arvensis	3-Contain
Scentless chamomile	Matricaria perforata	3-Contain
St. John's wort/Saint John's wort/ Goatweed	Hypericum perforatum	3-Contain
Sulphur cinquefoil	Potentilla recta	3-Contain
Tall hawkweed	Hieracium piloselloides	3-Contain
Yellow hawkweed	Hieracium pratense	3-Contain
Yellow/common toadflax	Linaria vulgaris	3-Contain
Burdock species	Arctium spp	4-Strategic Control
Canada thistle	Cirsium arvense	4-Strategic Control
Chicory	Cichorium intybus	4-Strategic Control
Dalmatian toadflax	Linaria dalmatica	4-Strategic Control
Diffuse knapweed	Centaurea diffusa	4-Strategic Control
Dodder	Cuscuta spp.	4-Strategic Control
Knapweed species	Centaurea spp.	4-Strategic Control
Oxeye daisy	Leucanthemum vulgare	4-Strategic Control
Spotted knapweed	Centaurea biebersteinii	4-Strategic Control

## APPENDIX 3. LRISS FINANCIAL REPORTS

Lillooet Regional Invasive Species Society

Income Statement 2019/04/01 to 2020/03/31

'REVENUE

' Revenue from Funding	
'ADMIN 10%	\$11,236.53
'Habitat Conservation Trust Fund	\$10,148.05
'Contract Revenue	\$293.59
'MOFLNRO - COORDINATION	\$15,036.45
'MOFLNRO - OPERATIONS	\$23,372.22
'MOTI	\$19,612.37
'BC Hydro	\$4,922.10
'ASETS funding	\$4,467.00
'SLRD Service	\$29,646.52
'BC Gaming Grant	\$19,830.10
'Canada Summer Jobs	\$8,412.00
'Lillooet Naturalists Society	\$1,641.05
'Net Funding Revenue	<u>\$148,617.98</u>

'Other Revenue

'Bank Interest Revenue	\$28.87
'Total Other Revenue	<u>\$28.87</u>

'TOTAL REVENUE \$148,646.85

'EXPENSE

'Operating Expenses	
'EI Expense	\$673.57
'CPP Expense	\$913.54
'Vac Expense	\$1,142.22
'Bank Fees	\$82.00
'Accommodation	\$306.17
'Advertising	\$3,458.16
'Equipment	\$3,665.54
'Fees, Licenses, Permits	\$3,314.63
'Meals	\$131.60
'Meeting Expenses	\$1,418.51
'Mileage - kms	\$7,354.01
'Office and Outreach	\$3,348.16
'Transportation	\$197.59
'Contract - Equipment	\$1,884.74
'Contract - Mileage	\$1,344.30
'Subtotal	<u>\$26,423.41</u>
'Total Operating Expenses	<u>\$29,234.74</u>



'Wage categories		
'Communication	\$3,722.02	
'Coordination - Meeting	\$7,426.11	
'Coordination - Planning	\$11,497.95	
'Education & Awareness	\$24,912.43	
'Inventory	\$9,403.50	
'Treatment	\$3,255.76	
'Monitor	\$4,752.94	
'Data Entry	\$466.38	
'Funding - Coordination	\$4,819.65	
'Funding - Grants	\$2,511.25	
'Reporting	\$2,627.85	
'Survey	\$1,331.13	
'Data Management	\$1,820.66	
'Contract - Planning	\$1,855.46	
'Contract - Survey	\$9,842.43	
'Contract - Treatment	\$16,141.46	
'Contract - Data	\$509.56	
'Wages - Subtotal		<u>\$106,896.54</u>
'Total Contract Wages		<u>\$106,896.54</u>
 'TOTAL EXPENSE		 <u>\$136,131.28</u>
 'NET INCOME		 <u>\$12,515.57</u>
 'Generated On: 2020/05/08		

'Lillooet Regional Invasive Species Society  
'Balance Sheet As at 2020/03/31

'ASSET

'Current Assets	
'Gaming Equity Shares	\$6.21
'Gaming Bank Account	\$11,017.85
'Chequing Equity Shares	\$6.41
'Chequing Bank Account	\$4,347.80
'GST refunds accumulat	\$7,409.19
'TOTAL CASH	\$22,787.46
'GST Receivable	\$1,421.34
'Total Current Assets	\$24,208.80
 'TOTAL ASSET	 \$24,208.80

'LIABILITY

'Current Liabilities	
'Accounts Payable	\$4,209.89
'Pre paid expense	\$700.00
'Total Current Liabilities	\$4,909.89
 'TOTAL LIABILITY	 \$4,909.89

'EQUITY

'Retained Earnings	
'Retained Earnings - Previous Year	\$6,783.34
'Current Earnings	\$12,515.57
'Total Retained Earnings	\$19,298.91
 'TOTAL EQUITY	 \$19,298.91
 'LIABILITIES AND EQUITY	 \$24,208.80

'Generated On: 2020/05/05



## APPENDIX 4. LRISS IN-KIND CONTRIBUTIONS SUMMARY 2019-20

Volunteer or Organization	Activity or Resource	Estimated number of hours	Rate (if applicable)	Estimated Value
Lillooet Fire Zone	Room rental for 4 meetings	0	NA	\$600.00
Xwisten, Xáxli'p, Ts'kw'aylaxw, Sekw'el'was, T'it'q'et, Tsal'alh, St'át'imc Government Services, Lillooet Tribal Council, Bridge River Valley Community Association, Lillooet Livestock Association, Lillooet Agriculture & Food Society, Lillooet Naturalists	Organizations posting monthly newsletters	40	\$20	\$800.00
Apricot Festival	Event Organization	8	\$20	\$160.00
Sturgeon Derby	Event Organization	4	\$20	\$80.00
Lions Fishing Derby	Event Organization	4	\$20	\$80.00
Lillooet Livestock Association Meetings: Fall	Meeting Organization	8	\$20	\$160.00
Lillooet Rod & Gun Club Fishing Derby	Event Organization	8	\$20	\$160.00
St'át'imc Gathering	Event Organization	8	\$20	\$160.00
Plaid Friday	Event Organization	4	\$20	\$80.00
Sekw'el'was Emergency Open House	Event Organization	8	\$20	\$160.00
Xwisten Community Mtg	Event Organization	8	\$20	\$160.00
Aspen Contractor Meeting	Event Organization	4	\$20	\$80.00
Lillooet Agric. & Food AGM	Event Organization	8	\$20	\$160.00
Off Road Cycling Assoc. AGM	Event Organization	4	\$20	\$80.00
Outdoor School Workshop	Event Organization	8	\$20	\$160.00
Xaxlí'p Comm. Forest Present	Event Organization	8	\$20	\$160.00
Chamber of Commerce Mtg2	Meeting Organization	2	\$20	\$40.00
Bridge River Valley Community Association	Kids Camp	5	\$20	\$100.00
Bridge River Valley Community Assoc.	Haylmore Heritage Site Staff training	2	\$20	\$40.00
Lillooet Secondary School Volunteer Fair	Event Organization	8	\$20	\$160.00
TSA Partner Mtgs - 4	Meeting Organization	12	\$20	\$240.00
Seedy Sunday 2019	Event Organization	8	\$20	\$160.00
	<b>TOTALS</b>	<b>169</b>		<b>\$3,980.00</b>