

LRISS

**ANNUAL REPORT OF "LILLOOET REGIONAL INVASIVE
SPECIES SOCIETY" 2020-21**



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ANNUAL REPORT 2020-21

OVERVIEW

The Lillooet Regional Invasive Species Society (LRISS) has operated since 2011 and this is our 9th 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.



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

COORDINATION, COLLABORATION & PLANNING

LRISS places a high priority on collaboration and partnerships but this year coordination and planning dominated our work due to the global pandemic. Our goals for the year still included forming new partnerships, if possible, but focused on maintaining strong relationships with our current partners in these uncertain times. Appendix 1 is a full list of partners. LRISS did increase its collaborative work with 2 organizations that were not on our list last year:

- Lillooet Volunteer Connect
- Acting on Climate Together (ACT) Lillooet

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. These meetings were held online this year using a video conferencing tool called Zoom.

Our Annual General Meeting was held on May 6, 2020. In the past, we've hosted speakers relating to invasive topics regionally. This year, we focused on sharing our 2019 activities and partner updates. It was kept simple because it was our first AGM held virtually. Although we had less participants than previous years, we had a variety of representatives from BC Government, local not for profits, St'át'imc communities and industry.

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. It was decided in the spring that the annual Regional Invasive Species Organization Field Tour would shift to an online forum. LRISS volunteered to coordinate this forum and it was held on November 17 &

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 |
|---------------|-----------|-----------------------|----------------|-------------------|--------------------------|---------------|------------------|-------------------------|
| MoFLNRD | 25 | 1.0135 | 150 | 7.9525 | 69 | 72 | 5.6184 | 16 |
| BC Hydro | 3 | 0.0826 | 55 | 11.8136 | 14 | 22 | 2.3383 | 12 |
| MOTI | 8 | 0.4957 | 138 | 50.2819 | 47 | 96 | 38.2407 | 31 |
| IR | 0 | 0 | 7 | 0.056 | 4 | 3 | 0.056 | 0 |
| Parks | 0 | 0 | 11 | 0.2014 | 8 | 3 | 0.2014 | 0 |
| Private | 5 | 0.5207 | 3 | 0.4893 | 0 | 7 | 0.6265 | 0 |
| Railway | 0 | 0 | 5 | 0.04 | 3 | 4 | 0.0451 | 0 |
| Municipality | 1 | 0.142 | 5 | 0.7526 | 1 | 2 | 0.0026 | 0 |
| Totals | 42 | 2.2545 | 374 | 71.5873 | 145 | 209 | 47.129 | 59 |

18. Four presentations were given based on the needs of the provincial organizations: Employment Standards 101, Social Media, Challenging Conversations and Diversity & Inclusion.

There were several online conferences that the LRISS Executive Director was able to participate online:

- Invasive Species Council of BC (ISCBC) Research Forum.
- North American Invasive Species Management Association - Biocontrol Summit



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 but had a strong outreach component. The Home Kit Delivery is reported in the field operations section because it gathered invasive plant data.

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 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. LRISS staff contributed to the review, survey and treatment of sites in our region. They covered a number of high use trails. 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 did inventory, treatment and monitoring of the contractor's work. All of the water samples for invasive mussels were collected by staff. Over 20 hectares (ha) were surveyed by staff. These were 131 existing sites and they treated 70 of them covering 6.65 ha.

Rec sites & trails were a focus of staff work this summer. There were 2 main reasons for concentrating on these areas. First, the Lillooet Naturalists are excellent partners who volunteer by removing invasives along local trails. They donated funds toward specific work on the Lion's Trail through the town of Lillooet. Secondly, the pandemic brought a deluge of outdoor recreationists into our region. We wanted to

review existing rec site infestations, do treatment and establish base-line inventory on other high use trails. Table 2 shows the extent of the work accomplished. The LRISS crew covered 26.6 km of trails and treated 1.77 ha of infestation on rec sites.

Table 2. LRISS Region Rec Site & Trail Work 2020

| Trail-Rec Site Name | Activity | Area Covered | Invasive Plants |
|--|--|---------------|---|
| Gun Creek Hydro Rec Site | Existing Sites – Survey & Removal | 1.041 ha | Spotted & Diffuse Knapweed Yellow Toadflax |
| Carol Lake Rec Site | Existing Site – Survey & Removal | 0.68 ha | Hoary Alyssum |
| Rogers Creek Rec Site | Existing Site – Survey & Removal | 0.0501 ha | St. John's Wort Common Tansy |
| Lion's Trail | Inventory & Removal | 2.4 km | Baby's Breath, Knapweed, Burdock, Dalmatian Toadflax |
| Pix Falls Trail | Inventory & Removal | 1.5 km | Diffuse & Spotted Knapweed |
| Highschool Trail | Inventory & Removal | 0.3 km | Burdock |
| Canal Walk | Existing Site Survey, Review of Species | 3.2 km | Diffuse & Spotted Knapweed, Dalmatian Toadflax |
| Lac Le Mare- Burkholder Trail | Inventory* not entire trail. | 1.2 km | Burdock, Thistle: Likely bull thistle |
| Seton Ridge Trail | Inventory* not entire trail. | 1.5 km | Orange Hawkweed, Oxeye Daisy |
| Downton Alpine Trail | Inventory | 4.5 km | Oxeye Daisy |
| Fire Lookout Trail | Inventory* only skid trail portion | <2km | No invasive plants detected |
| West Fraser Historic Trail | Inventory* last km needs review | 5 km (of 6) | Dalmatian Toadflax, Diffuse Knapweed, Burdock, Hound's Tongue |
| Sallus Creek Trail | Inventory | 3 km | Diffuse Knapweed, Dalmatian Toadflax, need to confirm Yellow Toadflax |
| Fraser River West Walk Trail | Inventory, Survey | 1.5 km | Diffuse Knapweed, Dalmatian Toadflax |
| Horseshoe Bend | Inventory* partial | 0.5 km of 1.5 | Knapweed & Dalmatian Toadflax |



Photos L to R: Wild Parsnip (J. Rasmussen), Puncturevine (bugwood.org) Woodland Sage (JR)



Seton Lake Invasive Mussel Sampling 2020

The LRISS staff monitored 28% of the total sites treated exceeding our obligation 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.

Update on Priority Invasive Plants

Three new invasive plant species were found in our region in 2019: Wild Parsnip (*Pastina sativa* L.), Puncturevine (*Tribulus terrestris*) and Wood Sage (*Salvia nemorosa* L.).

The Wild Parsnip continues to be the highest concern of these three plants because of the harm it can pose to humans. It is located very close to T'it'q'et community where people live. 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. Concentrated discussions and communications occurred over the winter months with T'it'q'et representatives to plan out treatment for the 2020 field season.

Representatives from the Ministry of Transportation & Infrastructure (MOTI) as well as the Ministry of Forests, Lands & Natural Resource Operations & Rural Development (MoFLNRORD) extended offers to assist with the treatment of the infestation because it is a high priority for the region. It is the only infestation that we know of in the LRISS region.

Invasive Mussel Sampling

Aquatic invasive mussel sampling took place at 3 lakes in our region between July and August. 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 3 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 3 lakes were sampled this year. This is a further decrease from the 6 that were sampled last year. The HCTF and Ministry are concentrating efforts in regions where there is a higher probability of introduction and establishment. Data from the mandatory Provincial boat inspection stations as well as calcium data for lakes was used to create the list of lakes for sampling this year. Pavilion and Anderson Lakes were the only ones in our region on this initial list. In our application to HCTF, LRISS made the case for Seton Lake to be added and they agreed.

Table 3. Waterbodies sampled for invasive mussels, 2020

| Name | Sample site | Months sampled - 1 per month | Total Samples |
|---------------|--------------------------|------------------------------|---------------|
| Anderson Lake | East end of | July x2 August | 3 |
| Pavilion Lake | Public Boat Launch | July x2, August | 3 |
| Seton Lake | Public Dock, Boat Launch | July x2 August | 3 |
| | | Total samples | 9 |

Homeowner Kit Delivery

In collaboration with the District of Lillooet (DoL), the LRISS crews delivered 1021 homeowner kits. The kits contained resource contributions from the Coast to Cascades

Grizzly Bear Initiative, Emergency Management BC, Lillooet Agriculture & Food Society, 100 People Who Care Lillooet, Action Climate Now, and the Wildfire Service of BC. This project had a number of goals that focused primarily on raising awareness of the programs by placing resources into the hands of DoL residents 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
- Common Garden Invasives Rack Card
- Be Plantwise, Grow Me Instead. Wallet Card
- Aquatic Invasive Species Wallet card
- Invasive Fish Postcard
- Bear Safe Postcard
- Coast to Cascades Grizzly Bear Initiative Brochure. FireSmart Manual
- PreparedBC Household Preparedness Guide
- OK-HELP Window Sign
- Aquatic Invasive Species. Wallet Card
- Invasive Fish Postcard. LRISS original
- FireSmart Homeowner's Manual. Province of BC

LRISS offered to other not for profits to put their resource in the bags. Depending on the numbers provided, we put them in all or part of the bags. Other community resources included:

- Lillooet Farmer's Market Postcard
- Lillooet Farmer's Directory
- Action Climate Now Lillooet Postcard
- 100 People Who Care Lillooet Postcard

LRISS crews delivered 1021 kits. The crews talked to 347 people or 34% of the households where kits were delivered. If people were not at home, our crews made observations about invasives, fuels and bear attractants as they entered and left the property.

All of the data was shared with the District of Lillooet. The Fire Chief and Emergency

Coordinator, Darren Oike was our primary contact. He also leads the by-law services program. The information was also shared with the DoL bylaw officer.



RESOURCE KIT FOR YOUR HOME

Are you prepared for a wildfire or extreme weather? Do you know how to avoid wildlife conflicts? What invasive plants do you have in your yard? This package will help you get started.



Invasive Species

Invasives can crack foundations, sting & burn your skin and take over your gardens. Do you know what invasives are a problem near your home, and how to get rid of them? Find out at www.LRIS.ca



Emergency Preparedness

Be prepared in the event of an emergency like a wildfire, extreme weather event and COVID-19. Do you have an Emergency kit? Look up PreparedBC for information & sign up for the District's Alert system.



Bear Aware

We live in bear country and simple steps can prevent problems. Do you know what to do with your garbage, gardens, pets and compost? Check out *Wildsafe BC*. Report all conflicts: 1-877-952-7277



FireSmart

Protect your home from wildfire by creating a fuel-free zone. The BC FireSmart manual is available online for free. Report all wildfires: 1-800-683-5555



www.LRIS.ca
**LILLOOET REGIONAL
INVASIVE SPECIES SOCIETY**

Helping you to keep your home,
family and property safe.
For more information, contact
District of Lillooet 250-256-1269



LILLOOET
GUARANTEED RUGGED

Table 4 Home Kit Delivery: Overall Information

| | |
|--|------|
| The total number of kits delivered: | 1021 |
| The number of people surveyed (meaning people that our crews talked to and answered our survey questions): | 347 |
| The number of households where no one was at home but a package was delivered and observations were made: | 331 |
| The number of households where people were at home but did not answer the survey questions: | 343 |

Table 5 Home Kit Delivery: Invasive Species Information

| | |
|---|------------|
| Properties that had 1 or more Invasive Plant identified: | 160 or 16% |
| Invasive Plants Identified: Baby's Breath, burdock, batchelor's buttons, diffuse knapweed, field bindweed, knotweed, chicory, Dalmatian toadflax, Donkeytail spurge (Myrtle), English ivy, Hoary alyssum, Lamium (yellow archangel), Oxeye daisy, Russian olive, spotted knapweed, Thistle spp | - |
| Number of residents surveyed who had removed invasives: | 99 or 29% |

Table 6: Home Kit Delivery: Firesmart Information

| | |
|---|------------|
| Number of households with wildfire hazards and fuels on property: | 355 or 35% |
| Description of Fuels on Properties: Debris in gutters, dense brush, firewood stacked against structures, flammable door mat, flammable plants next to structures, ladder fuels, wood siding, wooden roof | - |
| Number of residents surveyed who know about the Firesmart Program: | 133 or 38% |
| Number of residents surveyed who have done modifications to remove fuel on site: | 218 or 63% |

Table 7. Home Kit Delivery: Bear Aware-Attractant Information

| | |
|---|------------|
| Number of properties with bear attractants: | 440 or 43% |
| Description of Bear Attractants on the Properties: BBQ's outside, Bird Feeder, Dog Food outside, Fridge-Freezer outside, Fruit trees with Fruit, Garbage, Open compost, Other attractants. | - |
| Number of residents surveyed who have had problems with bears: | 54 or 16% |
| Number of residents surveyed that have made changes to decrease bear attractants and bear issues: | 160 or 46% |
| Number of residents surveyed who have NOT made changes to decrease bear attractants and bear issues: | 187 or 54% |
| Number of all DoL residents with a bear bin or alternative for garbage: | 22 or 0% |

Table 8. Home Kit Delivery: Emergency Planning Information

| | |
|---|------------|
| Number of residents surveyed that have planned at some level for | 226 or 65% |
| Number of resident signed up for the Emergency Alert System: | 21 or 6% |
| Number of residents who have not heard of the DoL Emergency Alert System: | 270 or 78% |
| Number of residents who know about Alert system but have not signed up: | 17 or 5% |
| Number of residents surveyed with an emergency plan: | 42 or 12% |
| Number of residents surveyed with an emergency kit: | 17 or 5% |
| Number of residents surveyed with an emergency plan & kit: | 167 or 48% |
| Number of residents with neither an emergency plan or a kit: | 121 or 35% |

Home Kit Delivery Conclusions and Recommendations

1. **General Data Collection:** Data collected did include addresses and GPS locations of the houses where the kits were delivered. This information is private and was only shared with the District of Lillooet.

The total number of residents surveyed was approximately a third of all packages delivered. LRISS decided that it was possible to safely talk to residents at their doorstep because our staff would be outside and would be able to physically distance. Of the residents at home but did not answer the survey, it was not known if they made this decision due to concerns over COVID-19. In previous years, there were residents that did not want to answer our survey questions but this year the percentage was definitely higher. We can assume that COVID-19 concerns were a factor in this rise. The majority of those people who did the survey were happy to answer our questions and pleasant to our staff.

2. **Invasive Plants:** No new invasive plant species were identified during our project. This is important information. The majority of invasive plant species are known garden invasives or

invasives that are found along roadsides within the District of Lillooet. It is encouraging to see the low percentage of properties that do have known invasives (16%). It is also good to see that there are residents that are removing invasives on their property. It is suspected that there are actually more residents with invasive plants on them. Our staff was not able to access backyards and many people have their food and flower gardens in the backyard. The invasive plants identified in our survey depended on the ability of those residents to be able to identify known invasive plants. More education is recommended for residents on LRISS priority plants and how to identify invasives in general.

3. **Firesmart:** As with other years, the number of residents who have made modifications to their properties to reduce fire fuel has exceeded the number that recognize the FireSmart program name/brand. A third of properties visited still have fire fuel on their properties that need to be removed. Continue to use the FireSmart program to teach residents about how to fire-proof their property. The data should be reviewed for “hot zones” where clusters of residents have fire fuel and are closer to the forest interface. This data can be used to focus outreach and property reviews to continue to protect the District of Lillooet from wildland fires and multiple structural fires. It is recommended that more assessments be completed at households for Firesmart and acquire specific funding to support the assessments and removal of fuels on properties.
4. **Bear Attractants:** The key observation of this data is that while 43% of all properties have bear attractants, a low number of residents surveyed actually had problems. The need for outreach on bear attractants and how to decrease attractants is needed to prevent problems with bears in the future. A dedicated outreach program for the DoL to educate residents about bear attractants and how to decrease attractants is recommended to prevent problems with bears in the future. Funding for a Wildsafe Coordinator should be investigated. The number of bear proof bins should be increased in the community. Bulk buying or other incentives to make them affordable should be explored. More support is needed by residents to remove or change their property to bear-proof it. Explore community clean up days and funding to support this event.
5. **Emergency Planning:** The key recommendation here is that the DoL Alert System needs to be advertised more to increase the number of residents who are signed up. It is positive to note that 65% of the residents, that LRISS crews surveyed, had done some emergency planning. It is still recommended that more outreach regarding emergency planning



Photos L to R by J. Rasmussen: Burdock, Hoary Alyssum, Diffuse Knapweed, Batchelor's Buttons

continue especially because of the pandemic. Each household should understand the difference between what is needed to “Shelter in Place” or “Evacuation” depending on the type of emergency situation. Bulk buying or information on where and how to buy an emergency kit should be provided to residents.

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. Prevention is the least expensive way to deal with invasive species. LRISS endeavours to offer a diverse range of outreach and education in order to reach the maximum number of people as possible. COVID-19 certainly has affected our program this year. There were no community events and many tourism publications were not published so LRISS could not participate in either. Overall, our reach has decreased this year as a result of the pandemic. In our 201-20 fiscal year, our program had a total reach of 252662 and this year our reach was 199096. This is a difference of 53566. Table 9 is a shows the variety of activities and the following sections describe the activities.

Events, Presentations & Training

LRISS has participated in or delivered 12 events, presentations and training. The Executive Director has stayed connected to partners and the public primarily with community online meetings. We have reached 256 people for this category. We continually look for opportunities to reach new audiences and share information on invasive identification and impacts. This year the number of engagements has definitely dropped due to the pandemic. There have been less scheduled events and many online with less participants. Online meetings have increased but there is definitely fatigue with this type of participation.

One success to share is a collaborative presentation for an online Seedy Saturday (weekend) event hosted by Farm Folk, City Folk. LRISS gave this presentation with 2 other Regional Invasive Species Organizations (RISO): Invasive Species Council of Metro Vancouver and the Okanagan & Similkameen Invasive Species Society. RISO's often work collaboratively on operational projects and we are finding that co-presenting gives the audience a variety of perspectives and knowledge from our regions.

Resources

LRISS not only purchases resources for Provincial programs but we create our own for local programs. This year we have distributed over 4000 print resources. We created a door hanger for our home resource delivery. This door hanger was for homes where LRISS crews delivered a resource package but were not able to talk to anyone. It said “Sorry we missed you” and gave our contact information to reach us if they had any questions about the resources in the package.

Table 7. Summary of Program Reach & Activities

| Outreach Type | Total Reach / Numbers Produced | # of Posts/ Events / Publications |
|-------------------------|--------------------------------------|---|
| Newsletter Features | 20 | 33459 |
| Presentation | 11 | 256 |
| Print Ad | 30 | 39600 |
| Print Resource | 5 | 4163 |
| Social Media: Instagram | 156 | 16929 |
| Social Media: Pinterest | 142 | 3225 |
| Social Media: LinkedIn | 165 | 7274 |
| Social Media: Twitter | 164 | 31796 |
| Social Media: Facebook | 177 | 35249 |
| Tourism Ad | 3 | 23000 |
| Training | 1 | 3940 |
| Website | 18 | 3940 |
| TOTAL | 892 | 199096 |

SORRY WE

MISSED YOU!

Our Invasive Species Crew has delivered a bag of resources containing information about:



Invasive Plants



FireSmart



Bear Aware



Emergency Plans

Do you have information or need more information about these topics?
Please call us at 250-256-4292 or
Email: LRinvasives@gmail.com



**LILLOOET REGIONAL
INVASIVE SPECIES SOCIETY**

WWW.LRISS.CA



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 822 posts with a reach of 98611 for this fiscal year. Facebook continues to reach the most on social media. This spring we did a major update to our website. It

required security updates and we re-designed the layout and content with the services of Atef Abdelkefi, Senior Web Developer with Atef Designs.

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. LRISS placed PlayCleanGo features in Lillooet & Gold Country Tourism publications. Gold Country is publishing a trail map and LRISS was pleased to contribute our feature with the PLayerCleanGo message "Stop Invasive Species in your Tracks". There were features published with a reach of 96059.

FINANCIAL SUMMARY

Revenue

LRISS secured \$147,637.86 for our 2020-21 program. Table 8 shows all of our funders and the amounts received. Two amounts from BC Gaming and Ministry of Transportation were received in this fiscal but are to be used in our new fiscal year in the amount of \$21,000. New funding was in the form of wage subsidies from the BC Native Women's Association and the Community Workforce Response Grant.

The amount of revenue grew from last year. Last year our revenue was \$137,117.98 so it has increased by approximately \$10,520. The acquisition of funding from wage subsidy programs is the primary reason for the increase.

Table 8. Overview of LRISS Primary Funders 2020-21

| Sources of Revenue | Amount |
|--|--------------------|
| BC Native Women's Association: Aboriginal Skills & Employment Strategy | \$4332.84 |
| BC Community Gaming Grant | \$22,023.00 |
| BC Hydro | \$6,500.00 |
| Canada Summer Jobs | \$17,523.00 |
| Community Workforce Response Grant | \$6857.01 |
| Habitat Conservation Trust Foundation | \$4570.00 |
| Lillooet Naturalist Society | \$1,533.48 |
| Ministry of Forests, Lands & Natural Resource Operations & Rural Development | \$41,500.00 |
| Ministry of Transportation & Infrastructure | \$30,000 |
| Squamish Lillooet Regional District | \$32142.50 |
| Deferred Revenue from Previous Fiscal year | \$1656.03 |
| Total Revenue | \$168,37.86 |

Expenditures

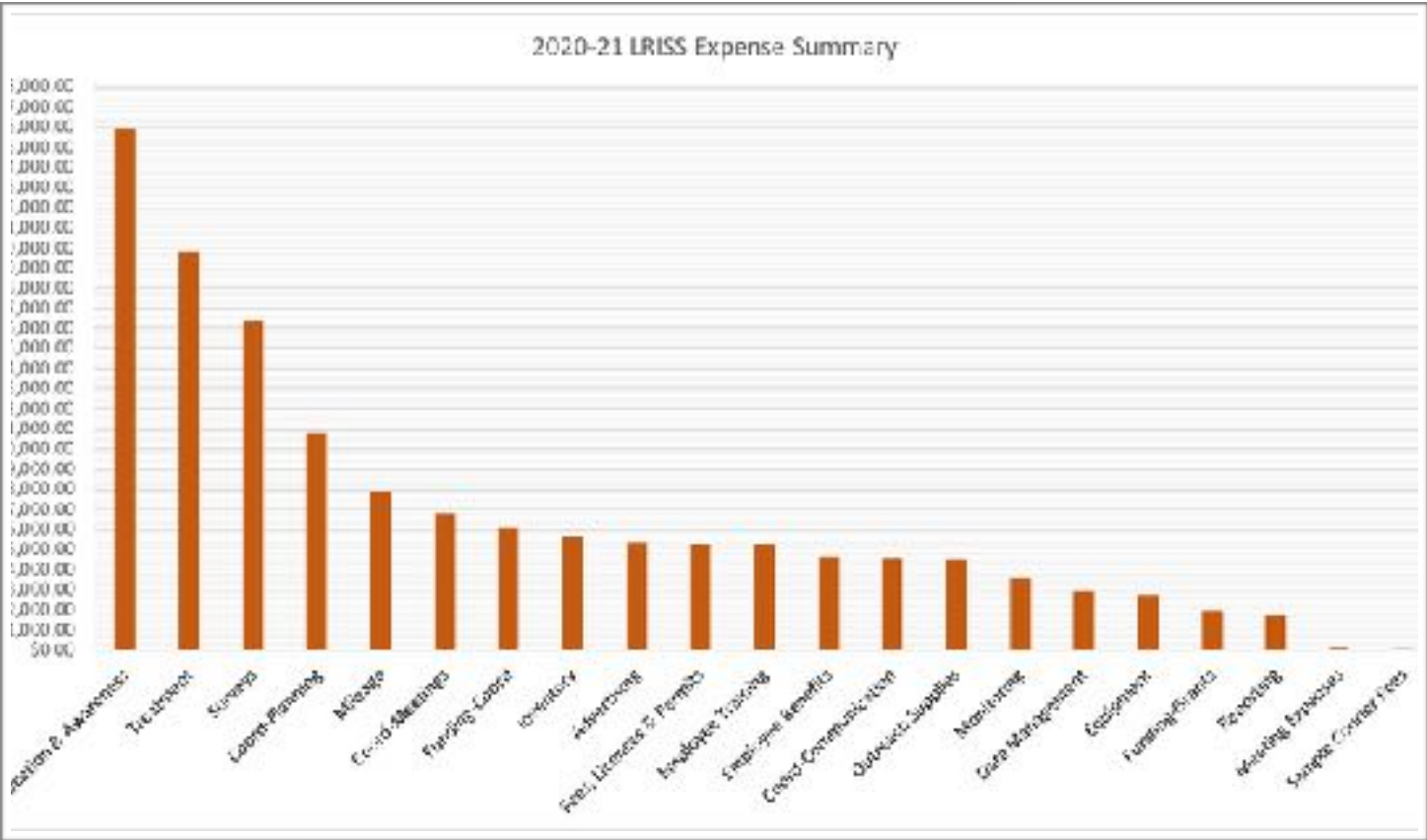
The fiscal year runs from April 1 to March 31 of the next year. Expenditures are tracked using an accounting program called Sage50. The total amount for expenditures this fiscal amounted to \$142,001.40. The activities are budgeted and tracked by funder and activity. The Sage accounting program can produce 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 2020-21 fiscal year. The chart below shows a summary of expense activities.

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

1. Education & Awareness
2. Treatment of invasive plant sites
3. Survey of invasive plant sites

LRISS received 84.5 in-kind hours and meeting space use worth approximately \$1850 (see Appendix 4). We are very appreciative for these donations of time and space to assist us with our operations.

Chart 1. Summary of Expenses 2020-21 Fiscal Year



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 article shared. |
| Bridge River Valley Community Association | Invasive Outreach Historic Haylmore Site, Events, Staff Training, Monthly article sharing |
| Lillooet Volunteer Connect | Support funding applications, meetings, share social media posts |
| Action Climate Now | Support submission to Local government plans, include invasives Partnership Agreement: Sharing of resources, Project support, Monthly articles shared. |
| Lillooet Off Road Cycling Society | |
| Lillooet Livestock Association | Member on LRISS Board, Producer outreach, Monthly article shared. |
| Lillooet Rod & Gun Club | Monthly article shared with club. |
| Xwísten | Councillor& staff on LRISS Board, Monthly article shared. |
| P'egp'ig'lha Council - T'it'q'et | Project Collaboration, Crew Training for Guardianship program. Support for Wild Parsnip infestation treatment. |
| Xaxli'p Community Forest Corp. | Contract administration support. Monthly newsletter. |
| Tsal'alh | Monthly article shared, Project Collaboration |
| Sekw'el'was – Splitrock Environmental | Funding application Support, Project Collaboration, Monthly article. |
| Ts'kw'aylawx | Monthly article shared for community newsletter. |
| Lillooet Chamber of Commerce | Share information with Chamber at monthly meetings. |
| District of Lillooet | Project Collaboration, Home Kit Delivery |
| Tyax Wilderness Lodge | Share social media. Promote through our channels |
| Tyax Adventures | Joint outreach delivery to Mountain Bikers: PlayCleanGo. Share social media. |
| Winners Edge Sporting Store | Collaborative Social Media: PlayCleanGo |
| TimberMart, Feed & Garden Centre | Collaborative Social Media: 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 Partner for Field program and outreach for St'át'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 2020 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 |
| Hoary cress | Cardaria draba | 2-Eradicate |
| Leafy spurge | Euphorbia esula | 2-Eradicate |
| Puncturevine | Tribulus terrestris | 2-Eradicate |
| Purple Loosestrife | Lythrum salicaria | 2-Eradicate |
| Wild Parsnip | Pastinaca sativa | 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 |
| Himalayan blackberry | Rubus armeniacus | 2-Eradicate |
| Hoary alyssum | Berteroa incana | 3-Contain |
| Hound's-tongue | Cynoglossum officinale | 3-Contain |
| Japanese knotweed | Fallopia japonica | 2-Eradicate |
| 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 |
| Wood Sage | Salvia nemorsa | 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 2020-04-01 to 2021-03-31

REVENUE

Revenue from Funding

| | |
|---------------------------------|-------------------|
| Habitat Conservation Trust Fund | 4,570.00 |
| Deferred Revenue | 1,656.03 |
| MOFLNRO - COORDINATION | 14,000.00 |
| MOFLNRO - OPERATIONS | 27,500.00 |
| MOTI | 30,000.00 |
| BC Hydro | 6,500.00 |
| ASETS funding | 4,332.84 |
| SLRD Service | 32,142.50 |
| CWRG Funding | 6,857.01 |
| BC Gaming Grant | 22,023.00 |
| Canada Summer Jobs | 17,523.00 |
| Lillooet Naturalists Society | 1,533.48 |
| Net Funding Revenue | 168,637.86 |

Other Revenue

| | |
|----------------------------|-----------------|
| Bank Interest Revenue | 15.32 |
| Miscellaneous Revenue | 1,926.07 |
| Total Other Revenue | 1,941.39 |

| | |
|----------------------|-------------------|
| TOTAL REVENUE | 170,579.25 |
|----------------------|-------------------|

EXPENSE

Operating Expenses

| | |
|---------------------------------|------------------|
| EI Expense | 827.03 |
| CPP Expense | 1,292.12 |
| WCB Expense | 55.55 |
| Vac Expense | 1,442.90 |
| Bank Fees | 0.00 |
| Advertising | 5,376.33 |
| Equipment | 1,061.09 |
| Fees, Licenses, Permits | 5,250.87 |
| Meeting Expenses | 162.50 |
| Mileage - kms | 5,643.23 |
| Office and Outreach | 4,494.80 |
| Transportation | 128.08 |
| Contract - Equipment | 1,750.00 |
| Contract - Mileage | 2,285.00 |
| Insurance & Liability | 0.00 |
| Meetings-Do not use | 0.00 |
| Miscellaneous Expense | 0.00 |
| Subtotal | 26,151.90 |
| Total Operating Expenses | 29,769.50 |

Wage categories

| | | |
|-----------------------------|-----------|------------|
| Coordination-Communication | 5,399.19 | |
| Coordination - Meeting | 7,588.63 | |
| Coordination - Planning | 11,166.14 | |
| Education & Awareness | 29,342.36 | |
| Inventory | 5,596.75 | |
| Treatment | 6,383.25 | |
| Monitor | 3,558.00 | |
| Data Entry | 80.72 | |
| Funding - Coordination | 6,356.79 | |
| Funding - Grants | 2,206.32 | |
| Reporting | 1,713.04 | |
| Survey | 4,249.25 | |
| Training | 5,245.70 | |
| Data Management | 1,856.53 | |
| Contract - Planning | 630.00 | |
| Contract - Survey | 12,139.50 | |
| Contract - Treatment | 12,826.71 | |
| Contract - Data | 966.00 | |
| Wages Stat Holidays | 1,048.00 | |
| Wages - Subtotal | | 118,352.88 |
| Total Contract Wages | | 118,352.88 |
| TOTAL EXPENSE | | 148,122.38 |
| NET INCOME | | 22,456.87 |

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Lillooet Regional Invasive Species Society

Balance Sheet As at 2021-03-31

ASSET

Current Assets

| | | |
|-----------------------------|-----------|------------------------|
| Gaming Equity Shares | 6.21 | |
| Gaming Bank Account | 11,004.89 | |
| Chequing Equity Shares | 6.41 | |
| Chequing Bank Account | 8,303.70 | |
| GST refunds accumulated | 7,409.19 | |
| | <hr/> | |
| TOTAL CASH | | 26,730.40 |
| Accounts Receivable | 1,679.51 | |
| | <hr/> | |
| TOTAL RECEIVABLES | | 1,679.51 |
| Total Current Assets | | <hr/> 28,409.91 |

| | | |
|--------------------|--|------------------------|
| TOTAL ASSET | | <hr/> 28,409.91 |
|--------------------|--|------------------------|

LIABILITY

Current Liabilities

| | | |
|----------------------------------|---------|----------------------|
| Pre paid expense | | 0.00 |
| GST Receivable | -833.36 | |
| | <hr/> | |
| GST Owing (Refund) | | -833.36 |
| Total Current Liabilities | | <hr/> -833.36 |

| | | |
|------------------------|--|----------------------|
| TOTAL LIABILITY | | <hr/> -833.36 |
|------------------------|--|----------------------|

EQUITY

Retained Earnings

| | | |
|--------------------------------|-----------|------------------------|
| Retained Earnings | 6,786.40 | |
| Current Earnings | 22,456.87 | |
| | <hr/> | |
| Total Retained Earnings | | <hr/> 29,243.27 |

| | | |
|---------------------|--|------------------------|
| TOTAL EQUITY | | <hr/> 29,243.27 |
|---------------------|--|------------------------|

| | | |
|-------------------------------|--|------------------------|
| LIABILITIES AND EQUITY | | <hr/> 28,409.91 |
|-------------------------------|--|------------------------|

Generated On: 2021-05-04

APPENDIX 4. LRISS IN-KIND CONTRIBUTIONS SUMMARY 2020-21

Lillooet Regional Invasive Species Society: 2020-21 In-Kind Contributions

| Volunteer or Organization | Activity or Resource | Estimated number of hours | Rate (if applicable) | Estimated Value |
|--|---|---------------------------|-----------------------|-----------------|
| Volunteers | Pulling invasives on Picks falls trail | 14.5 | \$20 | \$290.00 |
| Naturalists Volunteers (3) | Pulling invasives on Lillooet Hydro Canal walk. | 4 | \$20 | \$240.00 |
| 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, Lillooet Volunteer Connect | Organizations posting monthly newsletters | 42 | \$20 | \$840.00 |
| Tourism Lillooet AGM | Event Organization | 4 | \$20 | \$80.00 |
| Lillooet Off Road Cycling Association AGM | Event Organization | 4 | \$20 | \$80.00 |
| Timber Supply Area Partner Meetings - 2 | Meeting Organization | 8 | \$20 | \$160.00 |
| Seedy Sunday 2020 | Event Organization | 8 | \$20 | \$160.00 |
| TOTALS | | 84.5 | | \$1,850.00 |