

# WildSafeBC Annual Report 2019

## Pacific Rim Region

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## Executive Summary

This report describes the WildSafeBC Pacific Rim (WSBC PR) program for May 1<sup>st</sup> to November 30<sup>th</sup>, 2019. The program region (fig. 1) on the central west coast of Vancouver Island includes portions of the traditional territories of seven Nuu-chah-nulth First Nations and several incorporated and unincorporated communities. Some highlights of the season included:

- generous financial support from partners that extended the program season
- collaborations with Yuu-cluth-aht First Nation (YFN) on Hitacu community initiatives
- collaborations in support of launching a regional fruit gleaning program
- the success of the BC Goes Wild (BCGW) weekend of events
- the first Community Human-Wildlife Conflict Prevention Supplies Subsidy program
- participation in Iisaak Sin Hay Tiic?mis Co-existence Network initiatives
- partnerships with waste management contractors to increase bear-resistance of commercial garbage bins
- collaborations with Pacific Rim National Park Reserve (PRNPR) including promotion and support of Bare Campsite programs in private and First Nation campgrounds
- Collaborations with the Bamfield WildSafeBC (WSBC) program and the Alberni-Clayoquot Regional District (ACRD)

There was considerable wildlife activity in all communities of the region throughout the season from May 1<sup>st</sup> to the end of November. Reports regarding wildlife to the 24/7 Provincial Report All Poachers and Polluters (RAPP) line showed:

- Bear reports up from: 65 in 2018 to 120 in 2019
- Cougar reports down from: 19 in 2018 to 10 in 2019
- Wolf reports up from: 14 in 2018 to 20 in 2019

Black bear reports increased dramatically in all communities in early September and continued to rise through to the end of October and into November. Nine bears were killed due to persistent human-bear conflicts and concerns around public safety and property damage. Wolf activity was recorded throughout the season across the region. There were two incidents where dogs running at large were attacked by wolves. One dog survived and one was euthanized. Cougar activity was recorded several times in both Ucluelet and Tofino and on two occasions in Hitacu but no conflicts were reported.

Examples of human-wildlife conflict prevention activities of the WSBC PR program included:

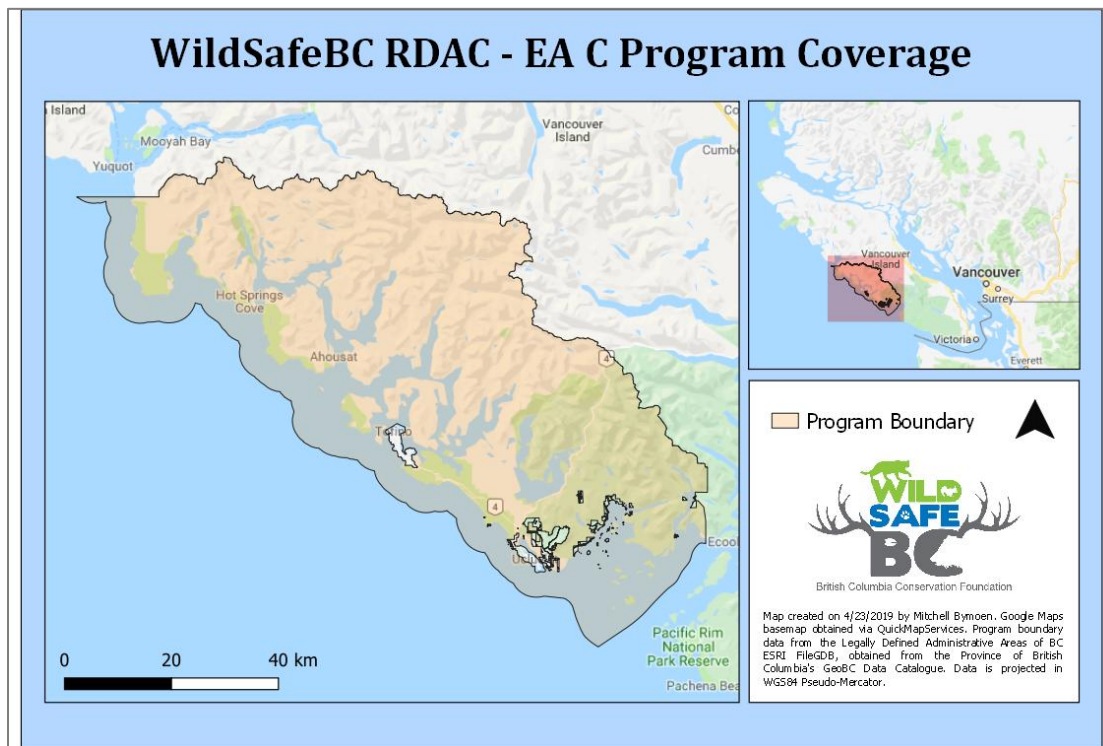
- 14 presentations given to 290 participants.
- 200 people reached through door-to-door outreach.
- 17 public events attended and over 900 people reached.
- 13% increase in likes on the WSBS PR Facebook page and 42,000 people reached
- Over 200 contacts were made through 16 bin-tagging surveys.
- Bear spray demonstrations for over 60 participants.
- Multiple interviews for newspaper, a magazine, educational videos, and the radio
- Several volunteers were recruited and assisted in various capacities

A key challenge of the 2019 season involved the size of the region with many communities to serve. Another issue is the on-going reluctance of people to call in reports to the RAPP Line;

however, the Conservation Officer Service commented that they felt the resistance to reporting is lessening.

There were collaborations with three levels of government, four First Nations, six NGOs and many local businesses and residents. Through development of working relationships with over 60 contacts across the region there were many existing and new initiatives that moved forward.

The provincial WSBC priorities and local goals were set out in a workplan for the Pacific Rim program at the start of the 2019 season. All priorities were addressed, and all goals were largely achieved during the 2019 season. There is a good foundation to continue to build on for 2020 to help “Keep Wildlife Wild and Communities Safe”.



**Figure 1. WildSafeBC Pacific Rim program coverage area.**

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Cover Photo: From left to right: Dave Hurwitz, Hatchery Manager, Carl Sieber, Pacific Rim National Park Reserve Interpreter, Jean Duckmaten, Hatchery Education Specialist, Bob Hansen WildsafeBC Pacific Rim Coordinator, Stephania Gorgopa, Raincoast Education Society, Barb Beasley, Association of Wetland Stewards for Clayoquot and Barkley Sounds. Photo Credit: Paul Higgins



## Highlights from the 2019 Season

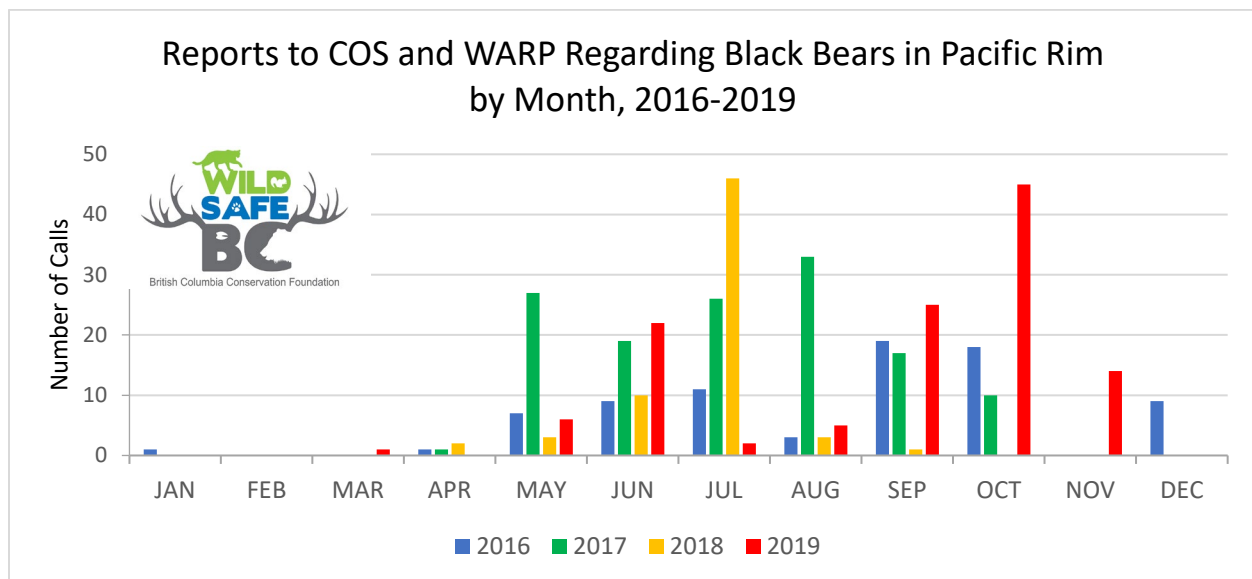
### Wildlife Activity

Calls made to the Conservation Officer Service (COS) through the RAPP line (1-877-952-7277) are available to the public through the WildSafeBC Wildlife Alert Reporting Program (WARP). This data is updated daily and this report for the Pacific Rim Region includes data from January 1, 2016 to November 15, 2019.

There was considerable wildlife activity in all communities of the region throughout the season from May 1<sup>st</sup> to the end of November. Reports made to the 24/7 Provincial Report All Poachers and Polluters (RAPP) line showed:

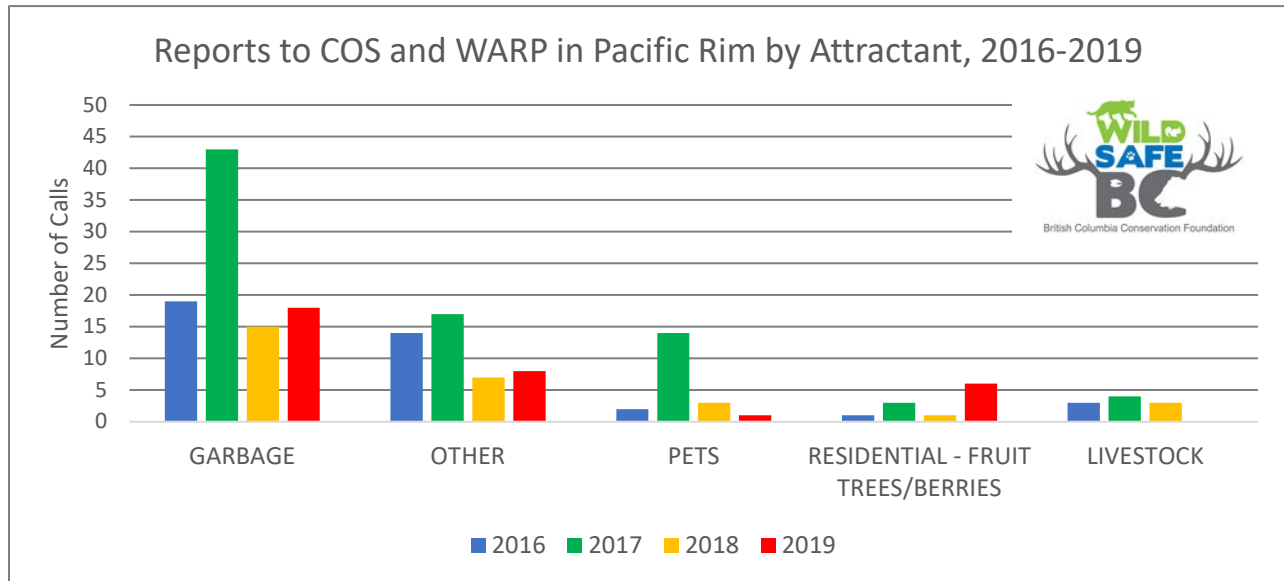
- Bear reports up from: 65 in 2018 to 120 in 2019
- Cougar reports down from: 19 in 2018 to 10 in 2019
- Wolf reports up from: 14 in 2018 to 20 in 2019

Black bear reports increased dramatically in all communities in early September and continued to rise through to the end of October and into November (fig. 2).



**Figure 2. Reports to the COS and WARP regarding black bears by month from January 1, 2016 to November 15, 2019.**

This pattern of activity may have been linked to a high abundance of fruit in all communities together with a scarcity of salmon. After fruit availability waned bears turned to unsecured attractants including garbage, compost and outdoor freezers. Garbage was the most reported type of bear attractant (fig. 3).



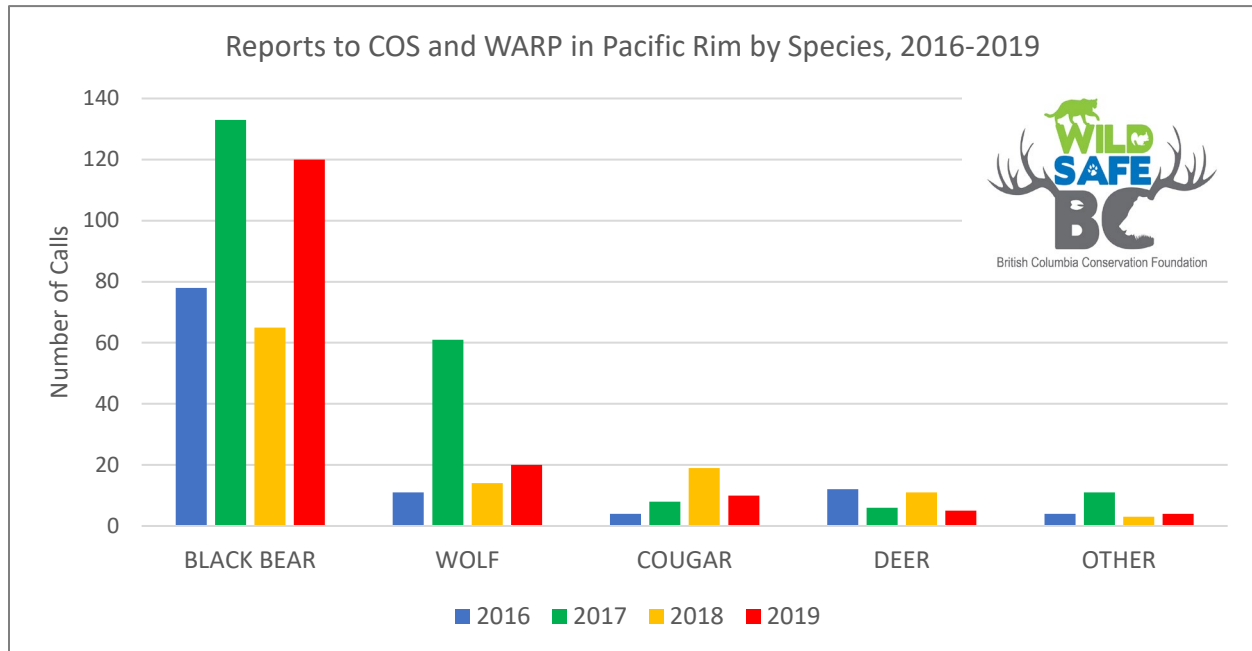
**Figure 3. Reports to the COS and WARP regarding black bears and attractants from January 1, 2016 to November 15, 2019.**

Fruit as an attractant was under-reported to the RAPP line with only seven reports shown on the Wildlife Alert Reporting Program (WARP) mapping. It is known that there were one or more bears foraging on fruit almost daily in most communities for a period of several weeks. The WildSafeBC Community Coordinator (WCC) advised all contacts to make reports to the RAPP line and explained why this was so important. Some residents responded that they were not reporting because they felt fruit was a natural food source and they were afraid for the fate of the bears. The WCC shared all information received from residents in regular updates directly to the COS.

Local salmon stream assessment field crews reported dramatic declines in salmon returns in all salmon systems surveyed in the region. This reduction in a crucial fall food sources may be contributing to human-bear conflict issues continuing right up to the writing of this report in late November.

In five years from 2014-2018 there were zero bear reports in November. As of November 21<sup>st</sup>, 2019 there had been 14 bear reports (fig. 2). Food-conditioned bears were being reported in Macoah, Port Albion, Millstream and Ucluelet as of November 21<sup>st</sup>, 2019.

Prior to November nine bears had been killed due to persistent human-bear conflicts and concerns around public safety and property damage.



**Figure 4. Reports to the COS and WARP regarding black bears and other species from January 1, 2016 to November 15, 2019.**

Wolf activity was recorded throughout the season across the region (fig.4). There were two incidents where dogs running at large were attacked by wolves. One dog survived and one was euthanized. Cougar activity was recorded several times in both Ucluelet and Tofino and on two occasions in Hitacu, however, no conflicts were reported.

## WildSafe Ranger Program

The WCC incorporated WildSafeBC Ranger program content and materials in sessions with various classes at the Ucluelet Elementary School and the Wickaninnish Community School in Tofino (fig.5). A total of 51 students received presentations. The WildSafe Ranger educational materials – colouring books, puzzle books, tattoos, colouring contest sheets and bookmarks were popular with children at the WSBC booth at various public events (fig.6).



**Figure 5. WCC talking about safety in wildlife country minutes after bear walked past school.**



**Figure 6. WSBC volunteer Rachael Turner at Ukee Days.**



## Presentations to Community Groups and Local Government

The WCC gave a total of 14 presentations to over 290 participants including:

- Delegations to District of Ucluelet Mayor, Council and attending public – two times
- Delegations to District of Tofino Mayor, Council and attending public – two times
- Jamie's Whaling and Adventure Station – management, guides, boat drivers (fig. 7)
- Tourism Tofino – frontline tourism staff
- Iisaak Sin Hay Tiic?mis – Regional Coexistence Network – three times
- St. Michaels University School - Grade 11 Outdoor Leadership Field School
- Royal Roads University - School of Environment and Sustainability Field School
- District of Ucluelet – Town Planner and Bylaw Services
- District of Tofino Bylaw Services and Conservation Officer Service



**Figure 7. Talk to management, guides, boat drivers and other staff at Jamie's Whaling and Adventure Station**

## Public Displays and Events

The WCC participated in 17 public displays and events that engaged over 900 people including:

- Wild Pacific Trail booth and guided walk – two times
- Ucluelet Sunday Market
- Ukee Days – two days
- Tofino Saturday Market – two times
- Millstream Block Party (fig. 8)
- Tofino Community Food Initiative:
  - Fruit Trees 101
  - Chicken Social
  - Harvest Fest and Fruit Gleaning
    - Bear spray demo
    - Electric fencing demo
- BC Goes Wild – Two Days (fig. 9)
  - Two bear spray demos



**Figure 8. September 29, 2019 Millstream Block Party – funded by Clayoquot Biosphere Trust Small Community Grant**



**Figure 9. BC Goes Wild – two days of events at Thornton Creek Hatchery and the Wild Pacific Trail with over 300 participants.**

## Door-to-Door Education and Garbage Tagging

### Door-to-Door Education

The WCC conducted door-to-door education in residential areas, campgrounds, restaurants, resorts and other businesses in most communities in the region, making over 100 contacts.

### Bin-tagging patrols

The WCC conducted a total of 16 surveys on the evening before scheduled garbage pickup. Ten were in Tofino and six in Ucluelet. If bins were found out they were tagged with an educational warning sticker (fig. 10). Through the surveys over 200 contacts were made. Every street was surveyed in each community. The survey route was 30 km in Tofino and 25 km in Ucluelet.

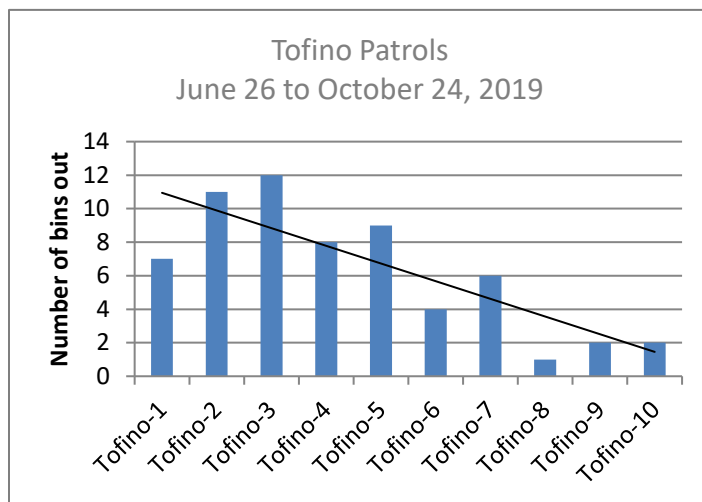


**Figure 10. Bin left out night before with educational warning sticker.**

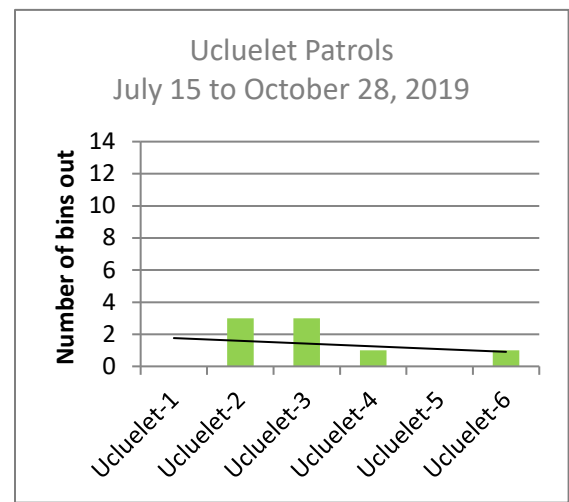
The results of each survey were communicated to Bylaw Services and the COS. Through a combination of education by the WCC and follow up by bylaw services and the COS, all chronic repeat offense situations were resolved. Options included replacing traditional garbage containers with bear-resistant models (fig.11). The incidents of new offenders also decreased (fig. 12). There were notably fewer carts put out early in Ucluelet (fig.13).



**Figure 11. Repeat offender replaced old unsecured garbage bins with certified bear-resistant poly carts**



**Figure 12. Incidence of bins put out the night before in Tofino decreased after patrols and education.**

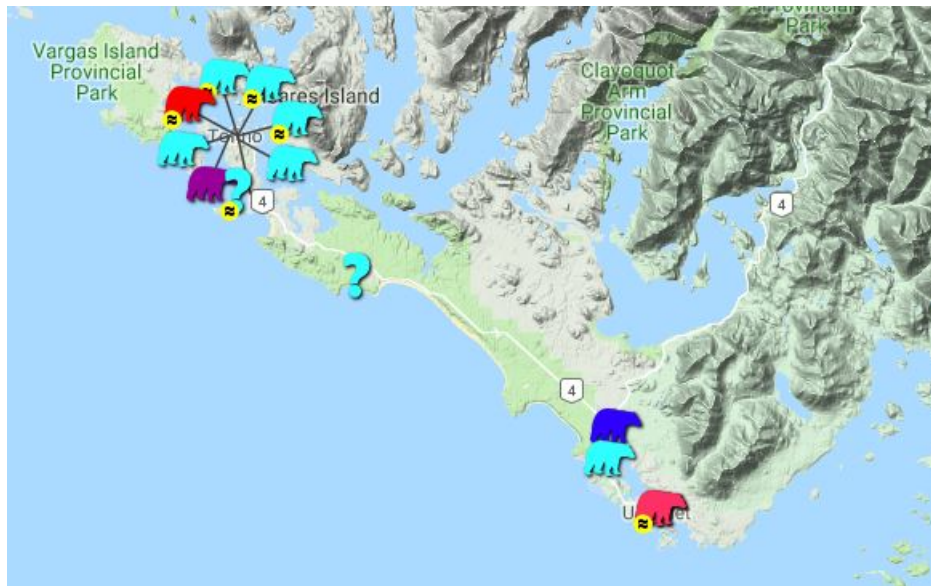


**Figure 13. Ucluelet maintained a lower incidence of bins out the before collection.**



## Social Media and Press

The WCC provided weekly wildlife activity updates and educational information through the WSBC Pacific Rim Facebook page and over 50 posts were made or shared. WARP maps were often posted to provide a visual overview of wildlife reports (fig. 14). Over 42,000 people were reached through the Facebook page and there was a 13% increase in likes on Facebook from 560 in 2018 to 646 in 2019.



**Figure 14. WARP map of Tofino and Ucluelet showing bear reports from September 26 to October 3<sup>rd</sup>, 2019. Each colour denotes a different type of attractant in the report (red=garbage, purple=fruit tree, dark blue=freezer, turquoise=sighting and no attractant confirmed).**

The WCC also share information by writing articles for local papers, blogs and doing interviews. Tuff City Radio did two one-hour interviews regarding bear activity and fruit gleaning with the WCC and Leah Austin, Tofino Community Food Initiative. The Thornton creek hatchery had a bear safety video with WildSafeBC messaging on a loop during BC Goes Wild Weekend. Others included:

- Four Westerly News articles (fig. 15)
- Tourism Tofino blog post
- Nature, Education, Sustainability and Transformation (NEST) blog article
- University of Victoria – interview for science journalism
- BC Magazine – interview for The Wolf Coast article in summer edition
- Formal release of Thornton Creek Hatchery – Bear Essentials video



**Figure 15. One of four Westerly News articles.**

## Wildlife in Area Signs

The WCC distributed wildlife-in-area signage to bylaw services, First Nations and several campgrounds. Each recipient agreed to be responsible for employing signs to create awareness at appropriate times. Wildlife-in-area signs were provided to the following based on need for hotspot areas:

- District of Tofino – bear-in-area
- District of Ucluelet – bear, wolf and cougar-in-area
- Ucluelet, Surf Junction, Lost Shoe, Long Beach and Secret Beach campgrounds – bear-in-area
- Hitacu, Yuu-cluth-aht First Nation – bear, wolf and cougar-in-area
- Macoah, Toquaht First Nation – bear-in-area
- Central West Coast Forest Society (CWCFS) and WSBC modified bear-in-area signs for specific use at the Kennedy Hill Safety Improvement project construction stoppage areas (fig. 16).



**Figure 16. Bear-in-area signs installed in response to attractants being left along the construction stoppage areas on Highway 4.**

Other signs were developed based on need at campgrounds (bare camping) and the Thornton Creek Hatchery (gate sign and photography code of conduct).

## Collaborations

The 2019 season involved many collaborations that increased the capacity and reach of the program.

### **The BC Goes Wild Weekend of Events (report cover photo)**

The BCGW Team included:

- Thornton Creek Enhancement Society
- Pacific Rim National Park Reserve
- The Raincoast Education Society
- Association of Wetland Stewards for Clayoquot and Barkley Sounds
- The Clayoquot Biosphere Reserve
- The Wild Pacific Trail Society

### **lisaak Sin Hay Tiic?mis - Regional Coexistence Network**

The WCC participates with others in the lisaak Sin Hay Tiic?mis - Regional Coexistence Network in addressing human-wildlife coexistence challenges in the region. Members are listed



in [Appendix I](#). At each meeting the WCC gave an update presentation on WSBC Pacific Rim 2019 activities. The WCC is part of a subcommittee working on developing a regional strategy with recommended actions to reduce human-wildlife conflicts involving domestic animals.

## **Alberni-Clayoquot Regional District Funded Community Human-Wildlife Conflict Prevention Supplies Subsidy Program**

The WCC for WSBC Pacific Rim was successful in receiving funding ACRD funding to initiate a subsidy program. Many residents took advantage of the program that covered 50 percent of the cost of a variety of human-wildlife conflict prevent supplies. Residents invested in:

- 15 Rollins certified bear-resistant residential poly carts (fig. 11)
- 2 Jora certified bear-resistant composters
- 6 electric fencing installations

The electric fencing installations were completed by Jeff Marley of Margo Supplies. He assessed each situation and installed fencing to meet each resident's needs. The first installation was around an enclosure holding the resident's chickens, duck, rabbits and a beehive (fig. 17).



**Figure 17. Tofino Community Food Initiative Director, Leah Austin turns on new electric fence installed by Jeff Marley of Margo Supplies.**

Another installation was built as an extra layer of protection around a Jora bear-resistant composter. The composter is in a known area of bear activity. A bear showed up just 2 days after installation and did not access the composter (fig. 18).



**Figure 18. Jora bear-resistant composter in high bear activity area with electric fence protection as well**

## **Collaboration with the Tofino Community Food Initiative and the Clayoquot Biosphere Trust for a Regional Fruit Gleaning Program**

The 2019 season saw a much higher than usual yield of fruit production across the region. For several weeks, bears were spending time gorging on fruit in every community. Higher incidents of human-bear conflicts followed. The need for an organized regional fruit gleaning program became evident.

The WCC collaborated with the Tofino Community Food Initiative (TCFI) and their membership to launch an education campaign around the need to harvest fruit, how to process and preserve fruit and how to manage fruit trees.

The education campaign included:

- WCC and TCFI Facebook posts
- The TCFI assisted some residents in picking their fruit
- Two one-hour radio shows
- Jointly hosted workshops:
  - Fruit Tree Management 101
  - Harvest Fest

Other work in progress:

- pursuit of a “WildSafe Pledge” that captures a commitment to co-exist with wildlife, keep communities safe while supporting community food security
- pursuit of mapping of community fruit trees

The campaign was followed up with discussions with the Clayoquot Biosphere Trust around applying for funding to create a region-wide fruit gleaning program in 2020. Other potential partners and collaborators that have expressed interest include the Tofino-Ucluelet Culinary Guild, the Raincoast Education Society, School District 70, the Food Bank on the Edge and the ACRD.

## **Collaboration with Bylaw Services and Conservation Officer Service**

Bylaw Services and COS combined with WCC to deliver a spectrum of response including (fig. 19):

- WSBC PR – education and outreach
- Bylaw Services – follow-up education and compliance
- COS – follow-up education and enforcement



**Figure 19. Left to right: Andrew Riddel-COS, Kiera Tak-Tofino Bylaw, Brittany Willms-Tofino Bylaw, Daniel Eichstadter-COS, Caitlin Bickford-COS**

## Other Collaborations

- Many collaborations with Pacific Rim National Park Reserve (PRNPR) including promotion and support of Bare Campsite programs in private and First Nation campgrounds throughout region with Francis Bruhwiler, Human-Wildlife Co-existence Specialist
- Participation in Wild about Wolves research project led by Todd Windle, PRNPR
- Collaborations with the Wild Pacific Trail Society (WPTS), Tanya Nestoruk and Barbara Schramm:
  - Participated in Sea Wolf Walk
  - WSBC PR booth
  - WPTS conducted guided walks for BCGW weekend
- Collaborations with Bamfield WSBC program coordinator Mandy Ross on electric fencing initiatives and the Bare Campsite program
- Collaborations with James Rodgers, Coastal Animal Rescue and Education Network (CARE) on domestic animals strategy, electric fencing of animal holding facility and other initiatives
- Collaborations with Jenny Brunn, ACRD Operations Manager on community subsidy program and potential expansion, compost diversion, and potential electric fencing loaner program

## Directed Initiatives for 2019

WildSafeBC focused on two initiatives in 2019: increased use and acceptance of bear spray and increased Indigenous awareness and engagement.

### Bear Spray

The WCC conducted several bear spray demonstrations involving over 60 participants (fig. 20). The WCC engaged with retailers and determined there is interest in having bear spray instruction for retail store managers and staff, and in having educational displays in stores. There is also interest in the region in the potential for renting bear spray. Topics and interest will be further explored in 2020.



**Figure 20. WCC “builds a wall” during bear spray demonstration at Thornton Creek Hatchery for BCGW**

### Indigenous Awareness and Engagement

#### Nuu-chah-nulth Elders Advisory Engagement

There was a request made by the WCC to the Nuuchah-nulth Elders Advisory for permission to use a wolf pelt for public education purposes for the WSBC PR program. Wolves are held sacred in Nuuchah-nulth spiritual beliefs and culture. Permission was granted by the Elders Group and display of the pelt was permitted after a private cleansing and blessing ceremony by Tla-o-qui-aht Elder Levi Martin.

#### Yuu-cluth-aht First Nation Support

The WCC worked closely with Yuu-cluth-aht First Nation around preventing human-wildlife conflicts in the community of Hitacu. Early in the season, a dog at large in the community was

severely injured by a pack of wolves, a bear became food-conditioned through accessing garbage and there were cougar sightings.

Jonquil Crosby, YFN Lands and Resources Manager and her staff furthered prevention education for residents through postings on the YFN Facebook page, sharing of the WSBC Facebook posts and providing links to the WildSafeBC website resources.

The WCC provided wildlife-in-area signs and WSBC brochures. The WCC also installed chains with carabiners and instructional decals on the 10 community garbage bins (fig. 21).

The YFN staff checked regularly to ensure garbage bins around the community were always properly secured and that garbage was not left on ground by bins.



**Figure 21. Installing chains with carabiners and instructional decals on Hitacu bins.**

## **Potential Pilot Project to Develop an Indigenous WSBC Program for the Region**

There is strong interest amongst several Nations to develop a pilot Indigenous WSBC Program for the 2020 season. This action has been identified as a priority goal of the Iisaak Sin Hay Tiic?mis Regional Coexistence Network. Todd Windle, PRNPR and Chair of the Iisaak Sin Hay Tiic?mis Regional Coexistence Network, facilitated the bringing together of potential collaborators for a pilot project. Ideas were discussed on how to bring about a pilot project and this will further explored in 2020.

## **Special Initiatives**

### **Promotion of Human-Wildlife Hazard Assessments (HWA) and Human-Wildlife Conflict Management Plan (HWCMP)**

The WCC worked in support of communities progressing towards Bear Smart status in several ways including:

- speaking at Tofino Mayor and Council meeting in support of adoption of Tofino plans completed by Crystal MacMillan, Bear Smart BC Consulting
- recommending updating of Ucluelet plans in delegation to Ucluelet Mayor and Council
- having discussions with town planners and bylaw services in both communities around use of these guiding documents
- discussions with First Nations and the ACRD about the need to undertake these planning initiatives for their jurisdictions



## Partnership with Waste Management Contractors to reduce bear access to garbage in commercial bins

Son Bird Refuse and Recycling operated by Chris Bird and Ucluelet Rent-it Center operated by Mayco Noel provide commercial garbage containers to the region. The most common design has a lift bar that can be securely latched or locked in place to prevent bears accessing garbage. Many bins do not have a latching device or a lock. The WCC and the companies entered into a partnership to address this need in two ways.

1. The companies provided hardware that the WCC installed on over 40 bins (Fig. 21).
2. The WSBC PR, Son Bird Manager, Chris Bird, Ucluelet Ren-it Center Manager Mayco Noel and the ACRD Operations Manager, Jenny Brunn partnered to split the cost of purchasing instructional weather-resistant decals to be applied to bins along with the latches (fig. 22).



Figure 22. Instructional and educational decals applied to lift bar bins with carabiner latches

## Workshop on Electric Fencing – An Effective and Under-Utilized Tool

An electric fencing workshop was held to further explore electric fencing opportunities and barriers province-wide. The meeting was hosted by Mandy Ross and held at her house in Bamfield. The participants brought a wide range of knowledge, experience and perspectives. Extensive discussions were held over portions of three days resulting in a list of action items for the group. It is hoped that this will become an annual gathering to keep progressing on this goal.

Thanks to Francis Bruhwiler, PRNPR Human-Wildlife Coexistence Specialist who was unable to attend but transported several of us to and from Bamfield by boat.



## Challenges and Opportunities

### Challenges

A key challenge of the 2019 season involved the size of the region with many communities to serve. The program region on the central west coast of Vancouver Island includes portions of the traditional territories of seven Nuu-chah-nulth First Nations and several incorporated and unincorporated communities.

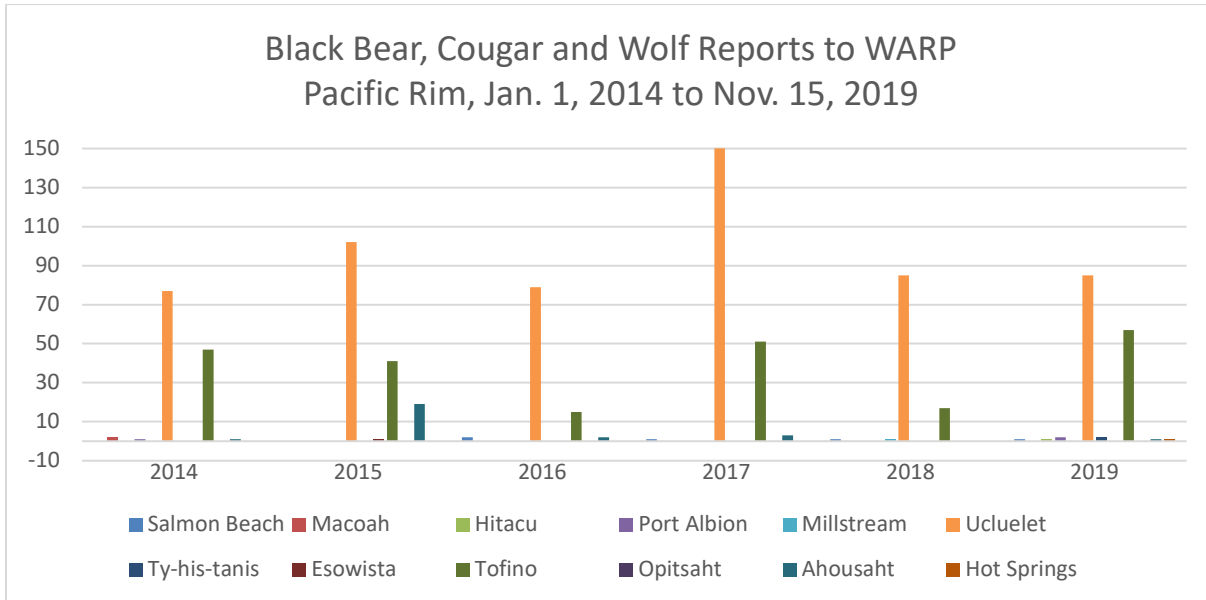
The program activities for 2019 focused on the District of Tofino, District of Ucluelet, Hitacu, Yuu-cluth-aht First Nation, Macoah, Toquaht First Nation and in the Alberni-Clayoquot Regional District (ACRD) Area C, Millstream and Port Albion (fig. 23).



**Figure 23. WSBC Pacific Rim program 2019 activities focused in Tofino, Ucluelet, Millstream, Port Albion, Area C, Ucluelet, Hitacu-Yuu-cluth-aht FN and Macoah Toquaht FN. Map source: modified from CBT 2019 Vital Signs report.**

These locations experienced persistent presence of bears foraging on fruit trees but also bears accessing unsecured garbage and other attractants. Together with the bear activity in communities there were also issues in six campgrounds located outside of communities. Door-to-door education and outreach involved considerable travel but appeared effective as the bin-tagging survey results showed.

Another issue is the on-going reluctance of people to call in reports to the RAPP Line. Informal reporting through social media, local news reports and other sources revealed considerable human-wildlife conflicts in all communities in the region in 2019. However, the graph shows that almost all reports came from just Ucluelet and Tofino (fig. 24). One community that had only one report showing had persistent issues and at least two bears were subsequently destroyed. Despite this, the COS reported to the WCC that they felt the rate of reporting has been improving.



**Figure 24. Under-reporting of human-wildlife conflict situations is a challenge**

## Opportunities

As this report describes, engagement through education, outreach, collaborations and partnerships was high. Renewing a full-time program in 2020 will allow the furthering of working relations and the combination of many collaborations to “Keep Wildlife Wild and Communities Safe”. Some potential opportunities for 2020 include:

- Development and implementation of a pilot Indigenous WSBC Program for the region
- Progress towards adoption and implementation of key recommendations of the Tofino HWA and HWCMP in support of moving towards Bear Smart status and in support of the Official Community Plan update
- Updating of the Ucluelet HWA and HWCMP and an action plan to maintain Bear Smart status
- Continue discussions with the ACRD Operations Manager for Area C and Nuuchahnulth First Nations around undertaking HWA and HWCMP projects
- Continue participation in Iisaak Sin Hay Tiic?mis Network initiatives including development of a region-wide strategy to reduce human-wildlife conflicts involving domestic animals
- Continue to support efforts of the Tofino Community Food Initiative and the Clayoquot Biosphere Trust to create a regional-wide fruit gleaning program
- Continue the Community Human-Wildlife Conflict Prevention Supplies Subsidy Program and with support from the ACRD Operations expand the program into ACRD Area C
- Continue to seek to increase the acceptance and availability of bear spray in the region
- Continue partnership with Son Bird Refuse and Recycling and Ucluelet Rent-it Center to install chains with carabiners and educational and instructional decals to increase the bear-resistance of lift bar bins

- Continue to recruit volunteers to assist in the delivery of the WSBC PR program
- Continue education and outreach collaborations with the Raincoast Education Society

## Acknowledgements

The 2019 program capacity and reach was significantly expanded due to the excellent support of the BCCF team, strong support from local funding partners and many collaborations across the region. Thank you all for making this program possible!

There are so many to thank. Apologies to anyone I miss. Know that your assistance and support was and is greatly appreciated!

### Program Funders:

- Ministry of Environment and Climate Change Strategy
- Ocean Outfitters – Ocean Simone Shine, General Manager
- Jamie's Whaling and Adventure Stations – Corrine Inouye, General Manager
- Alberni-Clayoquot Regional District – Jenny Brunn, Operations Manager
- Clayoquot Biosphere Trust – Rebecca Hurwitz, Executive Director and Laura Loucks, Research Director
- Wickaninnish Inn – Charles McDiarmid, Managing Director

### In-Kind Support:

#### Pacific Rim National Park Reserve:

- Arlene Armstrong – Ecologist Team Leader
- Todd Windle – Wild about Wolves Research Coordinator
- Francis Bruhwiler – Human-Wildlife Coexistence Specialist
- Carl Sieber, Interpretation Officer
- Dianna Lukinuk, Interpretation Coordinator

#### District of Ucluelet:

- Mayor Mayco Noel and Council
- Brent Ashton – Bylaw Services
- Manager of Parks and Recreation – Abby Fortune

#### District of Tofino:

- Mayor Josie Osborne and Council
- Bylaw Services – Brent Baker and Kiera Tak

#### Conservation Officer Service:

- Sgt. Stuart Bates
- Andrew Riddell

- Daniel Eichstader
- Caitlin Bickford

BC Provincial Parks Service: Michael Grandbois, Area Manager and other Ranger Staff

Ongoing Collaborations:

- Jonquil Crosby – Yuu-cluth-aht FN Lands and Resources Manager
- Marina Rayner – Toquaht Lands and Resources Manager
- Christine Gruman – Huu-ay-aht Lands and Resources Manager
- Iisaak Sin Hay Tiic?mis Network Membership
- Leah Austin – Tofino Community Food Initiative
- James Rodgers – Coastal Animal Rescue and Education Network
- Wild Pacific Trail Society:
  - Barbara Schramm, Director
  - Tanya Nestoruk, Program Coordinator
  - Silva Johansson, Interpreter
- Thornton Creek Hatchery:
  - Dave Hurwitz, Manager
  - Jean Duckmaten, Education Coordinator
- Ranicoast Education Society:
  - Mark Maftai, Executive Director
  - Stephania Gorgopa, Communications Director
  - Carrie Harbige, Ucluelet Field School Coordinator
- Association of Wetland Stewards for Clayoquot and Barkley Sounds
  - Barb Beasley, Director
- WSBC Booth Volunteers:
  - Rachael Turner
  - Jessica Ackerman
  - Sarah Brittain
  - Quinn Klassen
  - Paul Higgins
- Ucluelet Bin-Tagging Surveys Volunteer
  - Jeff Anderson

## Addendum I

### **Iisaak Sin Hay Tiic?mis - Regional Coexistence Network**

Network members include:

- Yuu-cluth-aht First Nation Lands and Resources Manager
- Toquaht First Nation Lands and Resources Manager
- Wild about Wolves Research Lead
- Pacific Rim National Park Reserve Human-Wildlife Conflict Specialist and Applied Ecosystem Science Lead
- Clayoquot Biosphere Reserve Research Coordinator
- Tofino Bylaw
- Ucluelet Bylaw
- Strawberry Isle Research Society
- Coastal Animal Rescue and Education Society
- Ocean Outfitters
- Jamie's Whaling and Adventure Center
- PRATO – association of wildlife watching operators in region
- Conservation Officer Service
- BC Provincial Parks Ranger Service
- Raincoast Education Society
- Alberni-Clayoquot Regional District
- Ucluelet Chamber of Commerce
- Tourism Tofino
- Tofino Community Food Initiative
- Coexisting with Carnivores Alliance