



Langley Field Naturalists



To encourage nature appreciation, conservation and education

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Newsletter

September 2020

BIRDING AT HOME



Pacific-slope Flycatcher eggs Photo: Joanne Rosenthal

Robins nest every year under our back patio. Perhaps with people tromping down the stairs or with the grandkids enjoying an energetic group swing in the hammock they feel safe. In late May I noticed a small bird flying from under the patio. I thought it was a Junco at first so didn't pay much attention. A few days later I caught a better look of the bird and seeing a flash of lemon yellow had second thoughts.

Having found the nest, which was right above the beam that supports the hammock, I found there were four lovely eggs which definitely weren't a Junco's. After watching and listening the next morning I was convinced we had Pacific-slope Flycatchers nesting under the patio. The parents were very elusive but as I started to understand more about these birds I saw them regularly and recognized their morning calls.

All four eggs hatched and fledged in late June. The empty nest was just as the books describe: a small cup of moss and grass held together with spider web. The story doesn't end here!



Hatchlings

Photo: Joanne Rosenthal

In July the parents decided to repeat the process with another brood under the opposite beam. Again there were four eggs and in late July they fledged. Hopefully they will return from Mexico next year to bring us joy and help with insect control in the yard.

Joanne Rosenthal

2020-2021 DUES ARE NOW DUE

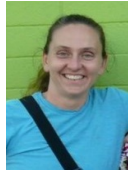
Membership/renewal form attached

\$32 single, \$37 family

Cheques may be mailed to the above address
or

e-transfer to lftreasurer@gmail.com

PRESIDENT'S MESSAGE:



I hope everyone has settled into a new reset of "normal" and finding time to reflect on positive changes in your life. Over my way I definitely saved a lot of money on vacations this summer, but also found a lot of joy in just taking my kids for walks around my neighbourhood.

Fall is upon us, vine maples are already crimson and alders are dropping leaves when those blasted eastern grey squirrels go tearing along tree to tree. Fall is the recycling of all the amazing resources broadleaf trees have been able to pull from deep underground in the soils that have built up over hundreds of years. The small building blocks that a tree pulled up out of the earth to turn into their leaves are now being so generously shared with the rest of the forest. From helping out the small forbs that could never get their roots down deep enough to giving snails the needed calcium to make their shells - the kindness of trees is limitless!

I am reminded we should try to follow in the "footsteps" of trees this time of year by using a lot less and giving a lot more. This year Earth Overshoot Day fell on Aug. 22; this is the day that humanity's demand for ecological resources and services exceeded what Earth can regenerate in a year (want more info? www.overshootday.org). Due to COVID-19, this year is a little better than last year (2019's Earth Overshoot Day was July 29) but it still means we are using more resources than our earth can provide.

Fall is the time of year I start thinking about the one day that humanity here in North America goes a little berserk in the whole using-way-too-many resources thing - Christmas. I find now is the time to start looking into ways to make Christmas a little less berserk. Knitting inspiration kicks into high gear (especially after a trip to the thrift store to get some really cheap yarn), googling like crazy all the upcoming concerts and comedy shows (unfortunately, this year there may not be any tickets purchased for friends...), and testing out excellent restaurants to get gift cards for friends (fall is such a delicious time of year).

I hope you have a beautiful fall season, filled with soup, walks in the rain and pride in doing a little more with a little less. Now wash your hands.

Lisa Dreves

LANGLEY FIELD NATURALISTS 2020-2021 DIRECTORS

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REPRESENTATIVES & CONVENORS

Historian & Librarian:	Toots Tucker 604-532-6398 ~ llyod@telus.net
Greeters:	Rebecca Tin Tun/Helen Thompson
Refreshments:	Lynda Lightfoot 604-856-6138 ~ llightfoot@shaw.ca
Forslund-Watson:	Ryan Usenik 604-530-3257 ~ jrusenik@telus.net
Derby Reach Brae Island Park Assoc.:	Anne Gosse 604-888-1787 ~ corkie1@shaw.ca
Nature Kids:	Anthea Farr 604-576-7731 nicomekl@naturekidsbc.ca
Member Participation Committee:	Joanne Rosenthal 604-455-0116 ~ jrrose77@yahoo.com

**Meetings are held on the third Thursday of each month
from September to June, starting at 7.15 pm
currently via 'Zoom'**

**Executive meetings are held
on the first Wednesday of each month Sept - June**

DISPLAY COMMITTEE

The Langley Field Naturalists set up our display posters to advertise our naturalists club at several community events each year, to inform the public of what we do and perhaps greet new members.



Wetlands Photo: Anne Gosse

It was just a couple of years ago when the Display Committee decided to update our very old fading display posters. The idea was to have three different poster display topics - changeable for each year. We started with trees, had a green display of tree pictures, cones, and branches, plus we had our members make wood rounds for children's necklaces. These necklaces were certainly a big hit as we went through hundreds at the Campbell Valley Country Celebrations, with line ups waiting for them! Last year our lovely colorful butterfly display was well received along with hand stamps and colouring pictures for youngsters.

Early this year we started planning our new exhibit featuring wetlands and we gathered ideas and items. Attached is a picture of our newest display. Our Langley bog wetland's picture was the background for our poster, along with pictures of creatures that inhabit a bog. Leslie Goodbrand made a lovely new felt background display board, Caren Porter discovered some suitable paper bog cutouts - and with Nora Truman and Toots Tucker, together we created a new display.

However, due to the pandemic this year we have not been able to use our new wetlands display - but we are hopeful for next year. We are very proud of all the work the committee did assembling and gathering the supplies. So thanks ladies, it was fun! We hope to be able to use it next year, post covid!

Anne Gosse

EAGLE WATCH 2020

David Hancock, "The Eagle Man", has for many years been monitoring eagle nests in the Lower Mainland. This year, the Langley Field Naturalists took on the task of monitoring several of the nests. Anne reports on one of the results:

BALD EAGLE NEST 348



Eagle Nest 348 Photo: Anne Gosse

I volunteered to watch two nests in our Derby Reach Brae Island area of Walnut Grove but only one was productive. By June 1st there were three large baby eaglets - one was now flying, trying to land on too thin a branch. They were all there for me to see, five bald eagles: an adult pair and three young eaglets. The adults seemed to be watching for each other to return to the nest. I did not see any food when one adult came flying back - but they were very noisy welcoming him home. I thought I saw another bald eagle harassing them, but am not sure.

Anne Gosse

JULY 3RD HIGH POINT

Several of our LFN members (while social distancing) enjoyed a fantastic sunny warm day on the High Point trails. The summer meadows were wonderfully full of wild flowers! We recorded 29 species of birds, with lots of American Goldfinches, Swainson's Thrushes, White-crowned Sparrows, and Black-headed Grosbeaks.



Flowers at High Point Photo: Anne Gosse

Anne Gosse

SATURDAY, JUNE 6TH GLEN VALLEY BIRD COUNT

Social Distancing Bird Watching in our Beautiful Fraser Valley



Glen Valley farm

Photo: Anne Gosse

This year the Glen Valley Bird Count was held in pleasant weather and of course with social distancing due to the pandemic. Just a few of my section's sightings included an exciting Lazuli Bunting spotting, a Red-breasted Sapsucker cruising low towards us on a trail and several beautiful Bullock's Orioles.

As well, our day of listening and observing also included a visit to one of the Glen Valley working dairy farms - to my everlasting enjoyment! Here, amongst the Holstein cows, loudly crowing roosters, tall silos and dark barns were Cliff Swallows' and Barn Swallows' dabbled nests, stuck along the eaves and ceilings. We watched them coming and going. We couldn't see the resident barn owl - the farmer assured us he has one! - but we could see the evidence everywhere.

The splendid old barn made me recall the barns of my childhood in 1948, when going with two young sisters, me as a 7-year-old, up a winding dirt road. Finding an old ramshackle barn-yard and meeting an elderly lady dressed like a man who let three little British-speaking girls pet the kittens and watch the milk churning. Memories!

Anne Gosse

WEDNESDAY, JULY 8TH BLAAUW ECO FOREST



Enjoying the Blaauw Eco Forest

Photo: Ted Goshulak

On a warm summer evening, eight Langley Field Naturalist members and one member of the Surrey-White Rock Naturalists took a walk through the Blaauw Eco Forest. In line with the LFN social distancing protocol, a second leader, David Clements joined the group. The mosquitoes were gracious and considerably less aggressive than in nearby Fort Langley.

Mere steps into our walk we encountered the star attraction of the evening: a Great Horned Owl, which had been seen on previous visits by David C. Other highlights included a Common Aerial Yellowjacket (*Dolichovespula arenaria*) nest, and a Yellow-spotted Millipede (*Harpaphe haudeniana*). There were also fungi and other plants seen along the trails.

During our walk we were able to identify 11 species of birds (GHOW, DOWO, HAWO, PSFL, BCCH, BRCR, SWTH, AMRO, PUFU, DEJU, SPTO). The eBird hotspot link to the Forest can be found at: <https://ebird.org/canada/hotspot/L5750037> for those who wish to check out the growing avian list.

The Blaauw Eco Forest is a great place to walk on days when the heat can be overwhelming.

Ted Goshulak

WEDNESDAY, JULY 15TH BRYDON LAGOON MINI-BIOBLITZ

Staying socially distant has not been an issue for naturalists these last few months. These quiet yet sometimes boastful individuals prefer outdoor habitats and enjoy the company of a small social circle. Their strange behaviors crouched around small plants or dirty looks to people disturbing the

birds tend to keep away any folks that might try to enter their circle. A small force of these naturalists descended upon Brydon Lagoon to do a second mini-bioblitz at the nature reserve. While the 1.5 hour bioinventory doesn't remotely compare to the work our band of naturalists is doing at Milaster Passive Park, it was a great evening out on a really beautiful evening.



Kestrel

Photo: John Gordon

We found a total of 127 species, bringing our total for Brydon through our bioblitzes to 237. While not a lot of species were found (it was noted just how dead the lagoon seemed along the shorelines for invertebrates), there were some new additions to our list. The great spotting from Anne found an American Kestrel (photo John Gordon). We also added Green Heron and Barn Swallow to the list - lovely to find species at risk where the public can get out and possibly see them and get a little more excited about nature.

Thank you to everyone that came out! It was wonderful to feel "normal" for a few hours, talking about the beautiful day, checking in on how folks are coping with 2020 and just smiling and breathing fresh air.

Lisa Dreves

WEDNESDAY, JULY 22ND BAT WALK

Eleven LFN members, two Surrey Naturalists guests and one passing neighbour (who saw his first Bat) were fortunate to have a perfect night for bat watching. The sky was partly overcast but provided a very interesting sunset viewing opportunity. A light breeze kept the mosquitoes away.

Before the Bats came out, a Barn Owl demonstrated how they hunt in the nearby fields. What was believed to be a immature hawk and a possible nest site were also observed.

The Bats didn't let the group down. In excess of 80 Bats were observed flying across the road. Many of them passing within 2-3 meters of Bat walk participants. In total, the LFN Bat monitor identified four species of Bats. As expected, the most common species was the Little Brown Myotis Bat.

Ryan Usenik

WEDNESDAY, JULY 22ND

BAT WALK

(More information!)

This walk started a little later than usual since the objective was to observe bats that usually only start to appear approximately 10 minutes after sunset. A group of eleven participants made the short walk to an observation point where many little Brown Myotis (or more informally little brown bats) are known to fly past in the late evening. There was a beautiful sunset and as the light was fading a Barn Owl circled around in the nearby fields looking for dinner.

The LFN has purchased a bat monitoring system that is able to record the ultrasonic calls that bats make while hunting in the night sky. The bats use these calls to echo locate prey and other obstacles in a way much like marine sonar systems. As the bat calls are being recorded by the monitoring system, they are also translated into a frequency range that lets humans hear the bat calls. Different species of bats have characteristic frequencies at which they start making a call. The bat monitor uses this information to identify different species of bats based on the sound frequencies contained in their ultrasonic calls.

The first bat observed was a little Brown Myotis at 9:23 PM. The last bat was also a little brown at 9:54 PM. During this 31 minute interval the bat monitor identified 72 little Brown Myotis, 7 Long-legged Myotis, one California Myotis and one Hoary Bat. There were several recordings where the bat monitor could not distinguish a species because, in many cases, there were multiple bats calling at the same time.

Apart from what the bat monitor recorded, the participants were delighted to see many bats flying past, often at eye level, quite oblivious to the humans watching them. Members of the LFN suspect that

there is a roost of little brown myotis somewhere in the vicinity of the observation point, but repeated efforts have yet to find the location the bats are coming from. If you would like to learn more about the bat monitoring system, please contact Ryan Usenik through the LFN.

Keith Chrystall

WEDNESDAY JULY 29TH FORSLUND/WATSON WILDLIFE AREA

Four LFN members braved the heat of the day to participate in a gorgeous evening at Forslund Watson. The hay had been cut a couple weeks earlier, making for easy walking in the field. The new (what was identified as a Wood Duck) nesting box showed external evidence as follow up proof that it had been used by a pair of Kestrels. The willow growth in the flyway path at the south end of the pond showed evidence of a good growth year, after being cut back this past spring. The rib cage and back bone remains of a deer carcass were found at the south edge of the main DU pond. Because of the wet cool spring there was still lots of water in the vernal pond. A immature tree frog was spotted.

The Wood Duck (??) nest box at the vernal pond showed evidence that it had been used again this spring. There were two unhatched eggs in the nest box.

A work crew from the BC Gov't Ministry had been on location to perform Caucasian Wingnut eradication of new growth. Some trees were showing evidence of stress, but it is difficult to tell if any trees were missed. The walk timing was perfect to allow everybody to have a early fill of Blackberries. Enough were left for the birds.

Ryan Usenik

WEDNESDAY, AUGUST 19TH DOUBLEDAY ARBORETUM

Our streak of hot weather was definitely coming to an end as the skies were quite overcast and the temperatures were dropping as the walk started. Nine participants joined in the stroll around Doubleday Arboretum. The LEPS Demonstration Garden was looking quite lush with a lot of the garden plants displaying produce. We also had a look at the field immediately adjacent to the Demonstration Garden where an educational farming plot is being proposed for use by students

in nearby schools. Heading north from the garden, we saw small groups of Cedar Waxwings and a few Robins flying around the treetops.

After quick checks of the LFN installed Barn Owl boxes and bat box, we crossed to the north of 56th Ave. and on to the new part of the trail put in this summer by the Township of Langley. The new section of trail heads out across the fields southeast of Glover road. Judging by the amount of scat on the trail, this area is certainly popular with local coyotes. Due to the failing light we did not have time to get to the end of the new section that connects up with another trail near Mufford Crescent. We saw a Spotted Towhee, Anna's Hummingbird and female Goldfinch. There was also a Bald Eagle flying overhead in the twilight, possibly looking for a late evening snack.

Heading back over to the Arboretum, we looked at the recent work done to develop a bird garden behind the Rotary Interpretive Centre and also at the other beautiful garden areas. We had the LFN bat monitoring equipment and a quick survey picked up a Hoary Bat or two flying around in the fields. It started to rain then, but fortunately we were all headed home.

Keith Chrystall

TULIPS AT THE ARBORETUM



Tulips at the Arboretum

Photo: Lilianne Fuller

During the height of the lockdown, my husband and I were searching for a place to go and be physically distant from people. We visited the Derek Doubleday Arboretum and were delighted to see the multitude of tulips in celebration of the 75th anniversary of the liberation of Holland during the second world war. Every tulip was exactly the same; except a lone purple one, all by itself.'

Lilianne Fuller

WEDNESDAY, AUGUST 12TH
MCLEAN POND/CAMPBELL VALLEY PARK

After a cold and rainy afternoon, the sun came out just in time for our evening LFN weekly walk. Eight participants began their stroll from the 20 Ave/204A Street entrance. The group snaked through second growth forest (the whole area was completely logged in the late 19th and early 20th centuries but has recovered nicely with a fair number of mature coniferous and deciduous trees). We were soon serenaded by a pair of Pacific Wrens which we all eventually had good looks at.

The next bird noted was a Bewick's Wren. We soon arrived at McLean Pond but due to the sun already being behind the trees, the Painted Turtles which normally bask in the sun had slipped below the surface. We were however rewarded with some good views of several species of dragonflies which were still busy catching insects.

Passing the dam we followed the forest edge and the Little Campbell River toward one of the old farmsteads (now demolished) where we saw a Pacific-slope Flycatcher and a pair of Cedar Waxwings. A Black-throated Gray Warbler gleaned insects in a Maple Tree while at the base of the tree we flushed a Northern Flicker. The rattle of a Belted Kingfisher could be heard coming from the pond. As we made our way back, we encountered American Robins, White-crowned Sparrows and Purple Finches feeding on fruit trees left behind from the days when this section of the park was inhabited by homesteaders.



Shrew with long tail

Photo: John Gordon

As the sun set on a glorious summer day we came across a Shrew which was feeding right on the gravel pathway. It seemed unperturbed by the group and allowed us to photograph it before eventually it hopped off into the bush.

John Gordon

WEDNESDAY, AUGUST 26TH
WILLIAMS PARK

It was a beautiful summer evening for a walk through some of the trails in Williams Park. We parked by the cookhouse and took the trail across from the playground down to the river. We stopped for a bit by the river on the sand bank popular with families and had our group photo taken.

Further along the trail Lisa showed us the junction of the Salmon River and Cogan Creek. This was the site of a dam spillway and sorting pond for the Salmon River Lumber Co. in the early 1900s. Remnants of the dam and several base logs are still visible. We continued along the trail with some stops to enjoy the sparkling river and some of the ornamental and native plants that fill the park.



Jewelweed

Photo: Kathy Masse

We were fortunate to have Tom with his botanical knowledge and Kathy used a great app on her phone. Gareth helped with plant identification and kept a watchful eye out for birds.

We stopped at the clay banks near the swimming hole near the bridge at 64th Ave. Many nature groups are concerned with the damage to the clay banks and effect on water clarity. This is caused by people digging clay and playing with the clay in the river. As the Salmon River supports an important habitat for migrating salmon, there are plans to erect signs to educate the public.

Our walk continued up some wooden steps at the east end of the park and a trail which most of us

didn't know existed. It took us through the forest and ended up with an unexpected steep descent back down to the river. Helen and I were very happy to see a fence line down this descent. Several of us used it to brace ourselves as we walked down. A short distance along the trail and we reached the wooden steps which took us back up to the cookhouse and picnic shelter.

The following non native plants were identified:

Fagus sylvatica	Aspenifolia purpurea
Copper Fern- leafed Beech	Prunus lusitanica
Portugal Laurel	Prunus laurocerasus
English Laurel	Ostrya virginiana
Ironwood or Eastern hornbeam	Buxus sempervirens
Common or English Boxwood	Thuja plicata "Lobbii"
A cultivar of Western Red Cedar	



The evening passed quickly for our group. A great high summer walk that everyone seemed to enjoy. Thanks to Lisa, Gareth, Kathy, Nora, Tom and Helen for coming out.

Joanne Rosenthal

FIELD TRIPS UPDATE

Due to the pandemic, field trips were suspended from March 21st to the end of June. We held weekly, socially distanced, evening walks during July and August, with varying numbers of attendees. With the nice weather we have had summer evening walks with knowledgeable leaders; these are always fun and I am hopeful that more members will come out to join us on our Fall walks. If anyone has a suggestion for somewhere new that we can explore, please contact me and we will fit it in.

Gareth Pugh

BC NATURE AGM 2020

SATURDAY JUNE 23RD

7:00 pm via Zoom

We'd been looking forward to BC Nature's 2020 AGM in Princeton as a busy weekend that included field trips around the Vermillion area, exciting nature talks, an enjoyable banquet and the presentation of awards. Instead, because of COVID-19 restrictions, BC Nature's Executive adapted, by designing an online Zoom meeting to meet the constitutional requirement of holding an AGM each year. A ballot was emailed to all Executive Members and Club Representatives to vote on the budget, the new executive, resolutions and bylaws beforehand. The planned AGM met all necessary conditions to proceed!

On June 23rd, at 7:00 pm, BC Nature's Executive, Club Representatives, and general members from all over the province clicked on the provided Zoom link to join the AGM, chaired by our new President, Harry Crosby. After a delay, when members not familiar with Zoom finally navigated their way into the platform, the meeting began with seventy-five attendees.

Below is a summary of all business conducted at the AGM, including results of elections, passing of a resolution and bylaws, a few speeches made and awards given:

- * Members approved the Financial Statements of BC Nature for 2019 as prepared by the external company of Reid Hust Nagy Inc. A motion was also passed for the re-appointment of Reid Hust Nagy Inc. to review our statements for 2020.
- * We approved three new Executive Board members and Directors by acclamation for a two-year term: President Harry Crosby, Northern Regional Coordinator Walter Thorne, and Director-at-Large James Casey. The candidate for Treasurer withdrew, leaving a new vacancy on the Board. Also voted in by acclamation included re-appointments for further two-year terms: Chair of Education Margaret Cuthbert, Chair of Conservation Peter Ballin, Regional Coordinator Vancouver Island John Neville. Other Directors, Regional Coordinators, the Secretary, and Past President will remain in their positions until reconfirmation in 2021. (Update: The Board has appointed volunteer Brad Sacho as Treasurer. As well, Wendy Maisonneuve has been appointed Regional Coordinator Kootenays, replacing Joan

Snyder) A significant vacancy we need to fill on the Executive is for Vice-President.

* We approved the Resolution presented by the Victoria Natural History Society, who wants BC Nature to urge the BC Government to put in place a process to add new Ecological Reserves to the system. Management plans, completed and implemented, are needed in a timely fashion with a target of setting aside one percent of significant biological and geological features for protection in this time of climate change.

* We approved the acceptance of BC Nature's Strategic Five Year Plan, developed by Harry Crosby and BC Nature's Executive.

* We approved the following amendments to BC Nature's bylaws. In brief, these are:

1. To appoint one Club Representative for the first 300 Members of a club or portion and one additional for each additional 200 members or portion.

2. The Board should have no more than 15 positions consisting of five Officers, five Regional coordinators and five additional directors as chair of a standing committee or as a Director-at-Large.

3. The Society may have as many as five signing officers for all banking purposes, two of which must be Officers of the Society, the rest a combination of Members, Directors or Officers.

* For the BC Naturalists Foundation, we approved both Sheila Puls (of LFN!) and Colleen Simmons (South Okanagan) as members and Directors of the Foundation and Kees Visser as a Director.

* Three speeches were presented:

1. Stephen Partington, the President of the BC Naturalist Foundation, spoke about the value of the grants they give to Clubs to carry out their projects. Donations made to the Foundation go straight to the capital, with only generated interest money qualified for grant money. The Vancouver Foundation and Oldlun Brown manage the BC Nature Foundation funds.

2. Rebecca Law, the Executive of NatureKids, spoke briefly about the value of kids and families, exploring and learning about nature.

Mentoring and support by local BC Nature Clubs is valuable to each NatureKids group, creating a community. NatureKids has existed for 20 years and now consists of 22 clubs throughout the province.

3. Harry Crosby expanded on the importance of more ecological reserves for British Columbia. Ecological Reserves are different from parks because they provide protection and maintenance in each unique area, and also support research. They generate genetic data banks and are a resource for the maintenance of biological material. Currently, there are 148 ecological reserves with none added for years. For the future, more reserves will be beneficial. Indigenous people must join the army of volunteers who already monitor and protect the reserves.

Harry also spoke about BC Nature's contest for clubs to identify new unique places in their areas for addition to BC Nature's Viewing Guide on the website. The prize for the most sites added by a club is \$1500 maximum. Adding new areas to the database increases opportunities for visiting naturalists to explore the province, which is a significant benefit of the contest.

Below is a list of 2020 awards and scholarships announced at the end of the meeting:

BC Nature Club Service Awards:

1. Roland Gebauer-Central Okanagan Naturalists
2. Christine & John Saremba - Burke Mountain Nats.

BC Nature Merit Award:

1. Bev Ramey - Nature Vancouver
2. Anne Murray - Delta Naturalists

BC Nature Regional Award

Fred McMechan - Williams Lake

BC Nature Volunteer Appreciation Award

Tom Bearss (awarded to family) Delta Naturalists

Scholarships:

- Bert Brink Scholarship
- Hannah Hall at Simon Fraser University
- Rene Savenye Scholarship
- Rachel Tancock at University of Victoria

BC Nature achieved a successful AGM for 2020 despite restrictions imposed by COVID-19!

Submitted by Kathy Masse

PROGRAMMES

Our monthly meetings along with amazing presentations will be offered online through Zoom. You can join the meeting through your computer, smart phone or even through your home telephone (joining by home telephone only allows you to join for audio). Please give about 15 minutes to be able to successfully join the meeting. It may be frustrating at first but it is worth it - especially for our first presentation about Camosun Bog.

- 1 **Computer:** please visit <http://www.zoom.com> and click Join a Meeting and enter the meeting info below.
- 2 **Smart phone:** you will need to download the free Zoom app through your app store and then join a meeting using the meeting info below.
- 3 **Home phone:** call 778-907-2071 and enter the meeting info below when prompted.

Meeting ID: 875 8900 2379
Passcode: 159209

THURSDAY, SEPTEMBER 17TH CAMOSUN BOG RESTORATION

Susan Chung,
Science Educator, Co-design Artist Facilitator
TIME: 7:30 - via Zoom

Sign in to listen to Susan tell us about the Pacific Spirit Regional Park bog which is one of our region's ecological treasures and receives thousands of visitors a year. Within this park lies Camosun Bog, a unique and fragile ecosystem that is home to dozens of plant and animal species. It's also an area that is deeply loved by the community. The Camosun Bog is a threatened ecosystem that has existed for 2000 years. Susan will tell us about the efforts to restore this treasure.

THURSDAY, OCTOBER 15TH SAVARY ISLAND ECOLOGY

Phil Henderson, Biologist
TIME: 7:30 via Zoom

Sign in via Zoom to hear about this crescent-shaped Savary Island which is unlike most of the Gulf Islands in that the island runs east-west, an 8-km long, 1-km wide clay ridge covered in sand - an atypical landscape which most resembles a hideaway in the south seas. Flora: Owing to the warm nature of the soil and its sheltered position, the flora is different from that of the rockbound

coast and other islands. In spring Savary enjoys a profusion of wildflowers - sea blush, camas, rattlesnake plantain, fawn and chocolate lilies to name but a few.

THURSDAY, NOVEMBER 19TH BASICS OF BIOMAGNIFICATION & HOW IT AFFECTS COOPER'S HAWKS

Kate Fremlin, Biologist
TIME: 7:30 - via Zoom

A few years ago, researchers found a Cooper's hawk in Metro Vancouver that holds the record for being the most contaminated bird ever identified. PhD student Kate Fremlin from SFU will present her research showing how toxins like DDT move up the earthworm - Robin - Cooper's Hawk food chain. Learn about the basics of biomagnification from Kate, and how this process can affect top-level predators.

THURSDAY, DECEMBER 17TH CHRISTMAS SOCIAL CATCH-UP

Submit 10-12 members slides for a slide show of members' challenging year.

JOAN WILMSHURST FAREWELL SOCIAL DISTANCING GET-TOGETHER



JoanPhoto: Anne Gosse

On a sunny morning in late July, members of the Langley Field Naturalists gathered together in Campbell Valley Park to wish long-time member Joan Wilmshurst well as she moves to Vancouver Island to be closer to family. With lawn chairs and our own refreshments, we were careful to follow the proper guidelines. It was great to be together in person in this time of social distancing, even though we were sorry to see Joan leaving.



Meeting in the park

Photo: Sheila Puls

LANGLEY FIELD NATURALISTS
FIELD TRIPS SCHEDULE, FALL 2020

*Please meet at the designated meeting place. **Pre-registration with the leader will be mandatory as we must know in advance how many participants to expect and, if necessary, arrange for more than one leader to ensure that no more than six persons are in each group in order to maintain required social distancing.***

The walks are generally about two to three hours long and are open to all Naturalist Clubs members (adults & children, but no pets please). Please dress for the weather and bring water, binoculars and a snack (plus bug spray). Note these walks are weather dependent.

SATURDAY, SEPTEMBER 5TH
JACKMAN PIT (WETLANDS) PARK

Leader: Tom Wildeboer

Time: 9:00 am at 272nd Street and 10th Avenue
across from the Transfer Station

Join us as we walk the trails in this rural park which is the site of a former Township gravel pit and dump. After the dump was declared full in the 1980's and capped, it was designated as a park and LFN helped with the restoration tree planting that was carried out. Phone 604-530-2633 for info and to register.

SATURDAY, SEPTEMBER 12TH
ALDERGROVE REGIONAL PARK

Leader: Bob Puls

Time: 9:00 am at the main parking lot at the end
of the access road off 8th Avenue

Join Bob for a walk along the Pepin Brook trail, a 3.7 km loop which is rated as moderate. Phone 604-856-7534 for more information and to register.

SATURDAY, SEPTEMBER 19TH
HIGH POINT

Leader: Nora Truman

Time: 9:00 am at parking area on the East side of
200th Street; South of the Crosswalk

Join Nora for a walk to enjoy nature at High Point. Meet on the East side of 200 St. in the parking area south of the crosswalk and Jacobsen Creek. First we will walk through the forest on Campbell Boundary Trail and East Pepin Trail, then continue on McBurnie Trail around the lake. On the way back on the West Pepin Trail we can check out the detention pond on the west side of 200th St. Phone: 604-533-4585 for more information and to register.

SATURDAY, OCTOBER 10TH
IRENE PEARCE TRAIL

Leader: Ryan Usenik

Time: 9:00 am in the parking lot on 224th at 5th
Avenue

We will walk the gentle trails in this rural park looking for fabulous fall fungi and other signs of Fall. We will also be checking the Flying Squirrel boxes that have been installed. It is part of the Municipal Natural Park with the Little Campbell River flowing through it and has stands of mature Douglas Fir. Phone 604-530-3257 for more information and to register.

SATURDAY, OCTOBER 24TH
KANAKA CREEK REGIONAL PARK

Leader: Lisa Blanchard

Time: 9:00 am at the Cliff Park parking lot. Take
Dewdney Trunk Road and turn South on
252nd Street, follow the road via 117th
Avenue and 251st Street to the park
entrance

Lisa will lead us along the trails, through this popular park with its great variety of trees, flowers and shrubs and watch the salmon returning to spawn. Walking distance is approximately 5 km so please wear appropriate footwear. Trails are rated as moderate. Bring a packed lunch to eat at a suitable spot at the end of the walk. Phone: 604-818-7973 for more information and to register.

<http://www.metrovancouver.org/services/parks/parks-greenways-reserves/kanaka-creek-regional-park>

FRIDAY, OCTOBER 30TH
GEORGE REIFEL BIRD SANCTUARY

Leader: Ted Goshulak

Time: 9:00 am in the parking lot

Join Ted to walk the trails around this popular wildlife refuge. Snow Geese and other wintering birds will have begun returning. Always a good chance to find owls like the Great Horned. Bring a

snack and water. Small entrance fee (\$5.00) for non-members of BC Waterfowl Society. Bring an extra sweater and hat, it can be chilly out there. Phone 604-888-0408 for more information and to register. *NOTE: Everyone must also register online with Reifel within 3 days of your visit, to get mandatory reservation tickets, that will allow you to drive through the new electronic gate. For more info, go to www.reifelbirdsanctuary.com*

SATURDAY, NOVEMBER 7TH

8TH AVENUE TRAIL

Leader: Bob Puls

Time: 9:00 am at 1062 - 256th Street.

Join Bob to walk the section of the South Langley Regional Trail from 256th Street to 264th Street. This is a fairly new trail, recently completed by the Back Country Horsemen, as the last link between the Campbell Valley and Aldergrove Regional Parks. The trail is nicely gravelled all the way, with wooded sections interspersed by stream valleys crossed by a couple of brand new bridges with a variety of open and closed habitat. Phone 604-856-7534 for more information and to register.

THURSDAY, NOVEMBER 12TH

BLACKIE SPIT, CRESCENT BEACH

Leader: Gareth Pugh

Time: 9:00 am at Crescent Beach Pier, (across from the parking lot by the outdoor swimming pool).

Join Gareth as he takes us on his volunteer bird survey for "Friends of Semiahmoo Bay Society" (Birds on the Bay) and he will tell you how you can participate in "citizen science" which anyone can contribute to. Phone 604-576-6831 for more information and to register.

FRIDAY, NOVEMBER 20TH

FISHTRAP CREEK LOOP, ABBOTSFORD

Leader: Anne Gosse

Time: 9:00 am at the Maclure Road Parking lot - just past Old Yale Road turn off

Fishtrap Creek Loop is located near Abbotsford, featuring a couple of lakes with good walking trails for all skill levels. The trail is primarily used for hiking, walking, nature trips and bird watching and is accessible year-round. This is an easy walking trail with several ponds to circle - usually with lots

of wintering ducks - plus a resident owl has been seen as well. Come see how many ducks are wintering on these ponds this year! Phone 604-888-1787 for more information and to register.

SATURDAY, NOVEMBER 28TH

BRYDON LAGOON

Leader: John Gordon

Time: 9:00 am at the 53rd Avenue parking lot near 198A Street, Langley.

Join John to walk around the lagoon and see the restoration work being carried out by LEPS then walk through the flood plain and up into Hi-Knoll Park. Phone 604-533-7171 for more information and to register.

OUR ENVIRONMENTAL FOOTPRINT EARTH OVERSHOOT DAY

Each year, the Global Footprint Network, an international non-profit organization that aims to draw attention to sustainability, releases an estimate on the day when humanity's demand for ecological resources surpasses what the planet can regenerate in that year. The calculations include things like carbon production, cropland and forests, among other types of land use.

Called Earth Overshoot Day, it has fallen earlier and earlier based on historical data going back to 1970. But this year, there was a bit of good news: the date moved three weeks, from July 29th (in 2019) to Aug. 22nd, owing to a 9.3% reduction in the world's ecological footprint. By this calculation, we are living as though we had the resources of 1.6 Earths.

Canada uses even more resources than the rest of the world (we are the 6th worst offenders); if everyone consumed like us Earth Overshoot Day would fall on March 18th.

Mathis Wackernagel, CEO and founder of the Global Footprint Network, believes Earth Overshoot Day is an important part of looking at our planet and our consumption of finite resources. "What we provide is a fuel gauge," said Wackernagel. "A plane doesn't only fly with a fuel gauge - but a plane without a fuel gauge is very dangerous."

