



*To Know, Enjoy and
Preserve Nature*

Table of Contents

Presidents Report.....page 1	Poem from a Friend.....4
Don't Kill the Hummers.....2	Magic Moments.....5
Oceanside Young Naturalists.....2	Brant in the Bay Report 2014.... 6
Club Board & Coordinators.....3	Red Alder.....7
New Members.....4	Meetings and Outings.....8 & 9

President's Report

Arrowsmith Naturalists continue on a roll!

Maggie Little's and club volunteers' relentless broom busting and care for the Englishman River Estuary is year 'round—and the social break afterwards even helps support a local fair trade coffee shop. ;-) (Please seriously consider joining them for some fun sessions to help this important endeavor roll along even faster!) The BC Nature sponsored Brant Wildlife Festival “Brant on the Bay” public event, again well organized by Sandra Gray, was provided by enthusiastic and hardy member volunteers. Numerous A-Nats volunteers also helped make another Hamilton Marsh Earth Day Tour a great success. Sandra Gray, Rhonda Murdock, Terry Taylor, Dave Hutchings, Lynne Brookes, and Pam Helem are submitting educational articles for publication in the new PQB News-Arrowsmith Naturalists' monthly column, “Nature Notes.” Ed Wilson, Dave Hutchings, Bill Campbell, and Lynne Brookes produced a new A-Nats' promotional power point program available to members and on our website this fall. These events got us off to a good start for 2014!

Then there are all the folks that “make it happen” for our club meetings: V.P. Elaine L. who cheerfully keeps us “moving along” through our monthly meetings with fun and quirky good humour; Pam H. who (literally) keeps it all together for us; Bill C's messaging; David H's indispensable website and AV help; Chris H's and member volunteers who keep us nourished at meetings; Gail A's keeping track of members and welcoming visitors; Carole Ann's management of “the treasury,” and Sallie D's quietly efficient work “getting the word out” regarding Arrowsmith Naturalists' events and activities. And then there are Alison's fine programs--some including notable member speakers such as Terry T.; Dave E's numerous and excellent field trips aided by volunteer leaders; the helpful advice and solid backing from past

president, Dave H.; and our wonderful Newsletter Editor, Margaret Hill who helps us to express who we are, share what we are doing, and plan for what's coming up.

Various members are also involved with additional “nature friendly” endeavours through organizations such as Christopher Stevens' UCB thesis study of Swainson's Thrush populations affording Dave Erickson the opportunity to enjoy a “bit part” helping out now and again; Elaine LeFebvre enthusiastically working with the Steamkeepers; Pam Helem and Lynne Brookes teaching a course on native plants for the VIU Elder College; Jeannie Diewold teaching kids at the Errington Elementary school about native plants, developing a nature trail near the school and exploring working with the Young Naturalists program; and Derrick Grimmer and others working with the Dogwood Initiative to help garner support against shipping dilbit along our shores. These and other activities are all in keeping with two of our major BC Nature goals: to educate about nature and to keep nature worth knowing.

Speaking about BC Nature—what a fantastic AGM held in Victoria this year! Eleven of our members attended this highly stimulating event: Duncan C., Lois K., Bill C., Marilyn F., David H., Chris H., Sandra G., Lynne B., Hans B., and David and Pamela H. Sandy represented our club (one of 51 chapters!) at the BC Nature Directors Meeting and Dave H. presented the “Conservation of BC's Grizzly Bear Populations” resolution from our club to the AGM attendees. Our finalized resolution was accepted unanimously with applause! We were all appreciative of the many opportunities provided through a full program of speakers to learn about nature—both the marvels of and threats to—directly from scientists and others expert in their field. The field trips were terrific! You can ask any of us attendees for details and read about the AGM in the next BC Nature Magazine. If you haven't yet attended a

BC Nature AGM or FGM, I strongly encourage you to plan to do so in the future!

Finally, please know that opportunities abound for you to participate in Arrowsmith Naturalists activities and also that WE ENJOY, APPRECIATE and NEED YOUR INVOLVEMENT for our club to best serve our membership and to better reach out to the public in order to raise awareness of the wonders of the natural world and the challenges it—and we—face. DON'T BE SHY! We welcome your participation in and hope for your assistance with the upcoming club displays/exhibits at the Qualicum Beach Days, KidFest, the Qualicum Beach and Errington Farmers' Markets. These are really a lot of fun and not taxing as we all work together to provide education and promote our club. Other opportunities include our club's July potluck picnic and raffle at Rath Trevor, working with Dave E. by leading a field trip, helping with the Young Naturalists, busting broom with Maggie, et.al., working with nature trail signage along the trail near Errington Elementary school and at the Craig Heritage Museum, or writing an article for the newsletter or for PQB News "Nature Notes" in 2015. Dates of these opportunities will be found in this newsletter, on our website and you are always welcome to contact club members involved to discuss how you might contribute. Thank you!

Lynne Brookes, President

P.S. Next fall too we will be holding club elections so be thinking about what role you might wish to take a turn in. They're all enjoyable—and necessary to the many achievements of our club.

DON'T KILL THE HUMMERS!...from Lynne Brookes

I've been talking with a lot of folks around town about all the hummers this year. If they mention that they are feeding them, I ask for the sugar + water formula they use. The answers are dangerously varied. The ONLY correct formula is ONE part clean white granulated sugar to FOUR parts fresh clean water. 1:4 examples:
 ¼ cup of sugar to 1 cup of water; or
 1 cup of sugar to 4 cups of water

Too much sugar and the little guy's kidneys will be damaged which will injure or kill them. Also, never let the mixture sit outside for more than two days. The rich mixture soon begins to ferment and drinking fermented mixture can also damage or kill these little guys. Mix less quantity if they don't drink it down within two days.

And of course, keep all feeders scrupulously clean! Disease kills too.

Enjoy keeping these feathered jewels happy and alive to come back next season. Please do your part and spread the word!

"ONE part clean white granulated sugar to FOUR parts fresh clean water."

The Oceanside Young Naturalist Club 2014

We have enjoyed some interesting activities each month this year. What I think is so special is that the whole family can experience nature together, rather than what so often happens the children are dropped off to activities and the family misses out on the experience.

Our winter event in January was very popular at the Morden Maple Syrup Farm. We saw around the property in a trailer pulled by a tractor, stopping to have the process of tapping the maple trees explained to us; from the tapping to the boiling of the syrup and then the sampling!!

February was so cold and windy but some hardy souls turned out to the Nanoose log sort to see the sea lions who were in full voice. Sheena Majowski from the Biological Station came with us and brought a collection of pelts, some bones and other artifacts.

Lynne Brookes toured us around the North Island Recovery Centre in March. Both the raven and the bear especially fascinated the children. The facility improves with each visit.

In April the Hamilton Marsh Earth Day celebration was the monthly event

In May Chris Stevens led us around Buttertubs Marsh. In June Steve Earle, a Geologist, took us to Stevenson Point to see the amazing rocks.

I shall be concentrating more on the Oceanside Club when I hope to have a successor for the Nanaimo Club at the end of the year. If anybody from Arrowsmith would like to help promote Oceanside YNC. I would be glad of the help. Also, if any Arrowsmith Naturalist member would like to come on the outings just let me know.

Alison Bakker, Young Naturalist Coordinator

THE ARROWSMITH NATURALIST ...

is published three times a year in February, June and October. Articles on birding, travel, botany and environmental matters are welcomed by the end of the month prior to publication. The next deadline is **May 2014** for the **June 2014 edition**.

Hand-written or typed articles and photos are accepted. Some editing may be required for length or held off for another edition according to available space. Please e-mail articles to

m.e.6@me.com

or send by mail to:

Margaret Hill, **Editor**

194 Valdez Ave, Qualicum Beach,
B.C. V9K 1R8.

General Information: Club membership information is available at both of the public libraries, on the web site <http://www.arrowsmithnats.org>, or write to Arrowsmith Naturalists, Box 1542 Parksville, B.C. V9P 2H4

Membership includes monthly meetings (talks and/or slide shows), regular outings (bird watching, botanical), BC Nature newsletter four times a year and the club newsletter in February, June, October.

New memberships are always welcomed...Family \$35.00, Single \$25.00

Arrowsmith Naturalists Officers and Contacts:

President: Lynne Brooks -
Executive Business (250)
586.4595

Vice President: Elaine
Lefebvre - General Meeting &
Club Activities

Past President: Dave
Hutchings

Secretary: Pam Helem

Treasurer: Carol Anne Phillion

Membership: Gail Armstrong

Directors:

Cindie Cosentino

Dave Erickson

Derrick Grimmer

Ed Wilson

Newsletter Editor:

Programs: Alison Bakker

Field Trips: Dave Erickson

Promotion: Sallie Dabb

Refreshments: Chris Hutching

Young Naturalists: Alison Bakker

Conservation & Environment:

Gary & Ronda Murdock

Web Site: David Helem

BC Nature: Sandra Gray

SUNSHINE

If you know of an Arrowsmith Naturalist, who is ill, in hospital or recently bereaved, please contact: Pam Helem, at (250) 468-7475 or at arrowsmithnats@gmail.com

CLUB PUBLICATIONS

A reference copy of the current newsletter is available at each of the libraries in Parksville and Qualicum Beach.

Meetings and Outings information sheets are available at Mulberry Bush Book Stores in Qualicum Beach and Parksville.

RESPECT FOR CLEAN AIR

NO SMOKING

Smoking is not allowed anywhere in, on or around Knox Church property.

SCENTS OR PERFUMES

Avoid the use of any fragrances when participating in meetings or activities at Knox Church. This request is in respect for others for whom such scents are a health hazard.

Young Naturalists in Broom Busting training at the Englishman River Estuary... having 'fun' and loving it...taking advantage of a teachers' strike day.

Photo of family by Sarah David



NEW MEMBER WELCOME

The Arrowsmith Naturalist Club is pleased to welcome the following new members.



*Hans Boerger

*Tom and Evelyn Constable

*Bob & Helen Harvey

*Teri Hitch

*Graham MacDonald

*Bert Sundberg

Young Naturalists at the Maple Farm



POEM FROM A FRIEND:

This is a poem sent by a dear friend to Micheline Messner. With permission from friend who wishes her last name to remain anonymous; Micheline is sharing it with the Arrowsmith Naturalists.

Progress

I was a tree. They called me cedar.
 Born long ago amid spruce and fir.
 Small but strong, I grew and grew.
 Soaked up the sun and the morning dew.
 I spread my branches North, South,
 East and West.
 Birds came and built in them their
 nests.
 The years went by and changes
 were made.
 MAN came on the scene with axe
 and blade!
 Birds fled in panic from the spot.
 I never knew what was their lot
 But I still stood and reached up high
 I still could see the eagle fly.
 Then one fatal day, I felt a pain.
 I cried out loud but all in vain.
 The saw and axe were sharp and
 sure
 For this destruction there is no cure
 MAN will decide what lives or dies.
 No matter if all nature cries.
 I am now a log, alive no more.
 Never again will I see the eagles soar.
 Does rain still fall and sun still shine
 What has happened to this place of mine
 I was just a tree, didn't want to be a coy
 But when MAN speaks of PROGRESS
 does he mean DESTROY ???

By Cora

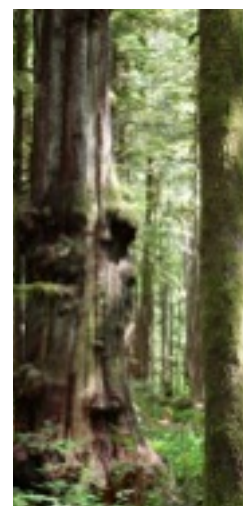


Photo by Dave Hutchings at Avatar Grove, Port Renfrew



Great Horned Owl Chick

Photo by Dave Erickson

Lynne is pleased and wishes to share this recently received comment from PQ News...

NATURE NOTES AUTHORS: We recently received this note from the PQB News editor:

"thanks to your group for your contributions to The NEWS. Regards",

John Harding - Editor
 Parksville Qualicum Beach News

See page 7 for current PQ News article by Terry Taylo

Magic Moments

Interesting times doing absolutely nothing!

It was a bright sunny day when I took a break from fossil hunting on a huge rocky beach at low tide. A flat rock made an ideal seat, tide pools were all round, and while staring at nothing in particular I noticed the beach below my feet seemed to be on the move. The sunlight caught the backs of tiny crabs scuttling about in the shallow pools - I would never otherwise have noticed them as their small size and grey colour made them almost invisible. From that point on I couldn't stop watching the busy movement all round me, little crabs going here, there and everywhere, seemingly randomly, but like Brownian motion, the action was non-stop and fascinating.

Another day, being on 'Island time' we had two hours to wait for the local ferry from Gabriola to Nanaimo. There is absolutely nothing to do at the terminal, which is one small parking lot, a few benches and a mini-waiting room. After a while the afternoon sunshine turned to rain, driving us from a bench to the shelter of the waiting room, a move which threatened to be a really boring experience from then on. However, within minutes a bald eagle flew down onto the rocks just outside the window and started working on a pile of bones, sinews and white feathers which, in better times, had probably been a gull. That eagle worked its way methodically from one end of the remains to the other, flicking feathers aside, holding down sinews while it stretched them to breaking point so it could pull some off to eat, and tossing or dragging bones out of the way. This entertainment lasted for at least half an hour, and continued even as we boarded the boat and pulled away from the dock. By this point every last remaining morsel on the gull carcass must have gone, and the eagle flew off alongside the slowly moving ferry.

Magic just keeps on happening! Finding a relaxing riverside spot along a wooded trail that offered a pleasant place to sit and watch the world go by, absolutely nothing else was happening. Until we noticed a little bird pecking away at something, flying off, coming back to the same spot and repeating the action several times. It was a chestnut-backed chickadee pulling apart a small disused wasp nest hanging from an alder branch. Perhaps it was using

the old wasp 'paper' for its nest, we couldn't see where it went with its treasure, but it was such an interesting and unexpected event it became one of the highlights of the day's hike.

By sheer coincidence, a few days later we were sitting on a well-bleached log on a beach when a wasp landed beside me. It was digging away at the surface layer of wood, working methodically in a straight line. On careful observation it seemed to be chiseling off the thinnest layer of wood, possibly to end up in the paper-like wall of a new wasp nest. Strangely enough, these last two events following directly after one another appeared to complete a small circle - the chickadee tearing apart an old wasp nest for its own use, and a wasp perhaps collecting material for a new nest which, who knows, might be torn apart by another chickadee at a later date!

Doing absolutely nothing for a while, with no plan in mind, is not necessarily the time-wasting occupation it might seem to be!

Submitted by Rosemary Taylor

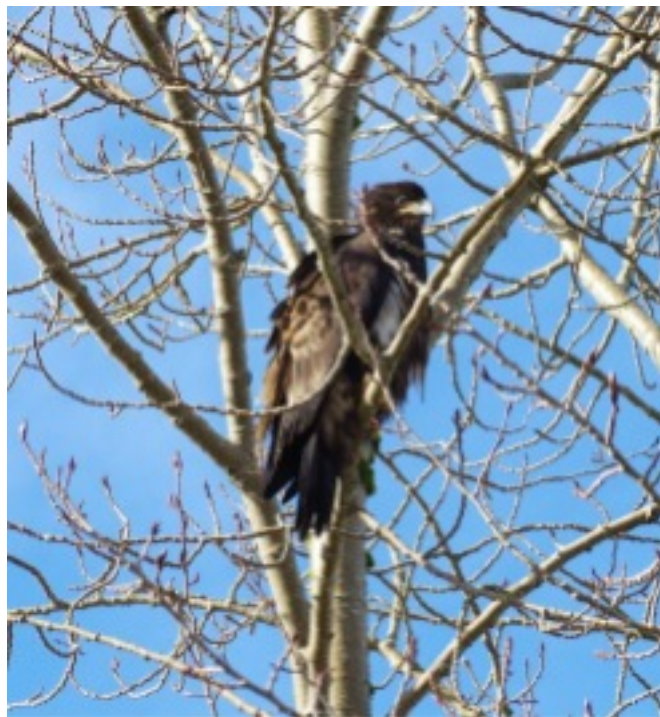


Photo by April Hill

BRANT IN THE BAY - Report

We had a total of 25 volunteers who showed up and helped with all the various tasks. The two tents protected our table from the elements and worked well to keep our group huddled together for extra warmth. The wind and drizzle did not slow down our group but certainly diminished attendance by the public. There were several more Arrowsmith Nats who showed up ... I counted a solid 30 Club members by the end of the day, I may have missed a few ... A GREAT SHOWING OVERALL.

The News reporter came for photos and a story. A Conservation Officer also came for a visit. Brant monitor Aaron Ritchie came for a visit as well. There were a number of other local birders who showed up to support the event. Two Nature Trust of BC employees came to help set up and wish us luck.

I kept a checklist of birds seen ... 34 species were noted, the largest flight of Brant (~200) were seen close to 11 am. Brant were scarce for most of the day, small groups deeper in the Bay, a few on the sandbar right in front of us, a few bobbing about in deep water and a large group just around the corner in front of Surfside. Aaron Ritchie reported there are about 550 Brant in the area right now. This is on the low side, for sure, I expect more arrived as soon as the herring spawn began and when the weather warmed up.

Unfortunately I did not see any representative from the City of Parksville or RDN ... please let me know of anyone else of note that I may have missed.

Over the last 22 years I have been involved with the Brant Wildlife Festival, it has always been a challenge to get the public motivated and

attending the 'wildlife watch events'. Weather has been the determining factor and this year is the worst weather I can remember for BWF. The event locations have included: Rath Trevor Provincial Park; Parksville Bay; end of Surfside Dr. by the Little Qualicum estuary; and the Qualicum Beach Brant Viewing Stand. The best attended one was in the late 1990's when Bushnell/Bausch Lomb was set up at Rath Trevor with an array of scopes and binos for the public to try out and we arranged for a draw prize of a set of binoculars for those who put their name and home town into a jar. This gave the Mid Island Wildlife Watch (the group that started the festival) an idea of where people came from and a reasonably accurate count on attendance.

Over all the years of the Brant Wildlife Festival there have always been at a few and sometimes numerous Arrowsmith Naturalists volunteering at a variety of events. Our Club has been integral to the success of BWF ... what the future holds for this community event should be interesting to see.

Thank You
Sandra Gray,
Coordinator Brant in the Bay 2014



Photo by Les MacLean Taken Parksville Beach, at 2014 Brant in the Bay

RED ALDER - *Alnus Rubra*: THE FERTILIZER TREE

Alders, often considered to be weed trees due to their rapid growth along road edges and other disturbed sites, do something that none of our other trees do. They make their own fertilizer—and for others. Alders are considered “pioneer plants” as they can withstand poor soils and help prepare the way for the coniferous forest to return. Although our native red alders only survive for 70 years, their fertilizer production nurtures the succeeding conifers which will live for centuries. Once the evergreens grow tall they shade out the sun-loving alders.

The fertilizer production process in alders is called nitrogen fixation. It is the same process used by soil enriching legumes such as alfalfa, beans and clovers. However, it is not the legumes nor the alders that make the fertilizer. It is microscopic bacteria “housed” in these plants' roots that are able to capture nitrogen from the air trapped in the soil. These nitrogen fixing bacteria do no harm to the roots but live in a beneficial symbiotic relationship with their plant host called mutualism. (The next time you pull up a bean or other legume plant, you might want to look for the roundish little nodules along the roots that house these beneficial bacteria.) Nitrogen is essential for building the proteins of all living things. Although nitrogen makes up most of the atmosphere only a few

groups of bacteria are able to convert it to a useable form. All life on earth depends on these unseen micro-organisms. The bacteria deliver their nitrogen compounds to the alder trees in exchange for nourishing sugars produced by the trees. In the autumn the alders shed their nutrient rich leaves to the forest floor. As the leaves decay into the soil the nitrogen held within them becomes available to plants around the alders and to succeeding plant generations.

Have you ever noticed that alder leaves fall from the tree while they are still green? Alders have no autumn colours. Before leaf fall, most deciduous trees extract nutrients from their old leaves, and store them for next spring’s growth. Fall colouration is one of the side effects of this nutrient cycling operation. Nitrogen availability is a limiting factor for most plants, but the alder’s tiny partners supply it with an over abundance of this wealth.

Next time you drive past those trees along the Island Highway think about the ecosystem services they are supplying to a future forest, and about the unseen nitrogen fixing bacteria that run the world.

Article By Terry Taylor

Lenticels on Red Alder: They are pores that allow for gas exchange

<http://solvgreenteam.wordpress.com/2012/11/09/project-willow-creek-take-two/>



Male catkins with tiny female catkins above

http://en.wikipedia.org/wiki/Alnus_rubra



Red alder inhabits low and middle benches of alluvial floodplains and forms a temporary or permanent component of the communities

along coastal streams

← as at this Carmanah River site.

<http://www.for.gov.bc.ca/hfp/silviculture/Compendium/>

ARROWSMITH NATURALISTS MEETINGS AND OUTINGS*JUNE to DECEMBER 2014*

CARPOOL IF POSSIBLE. FOR MORE INFORMATION CONTACT: DAVE ERICKSON: (250) 947-9698

PLEASE NOTE - GUESTS ARE VERY WELCOME. A GUEST WAIVER AND DAY MEMBERSHIP FORMS ARE AVAILABLE AT THE TIME OF AN OUTING OR ON THE WEBSITE: WWW.ARROWSMITHNATS.ORG/MEMBERSHIP THESE FORMS MUST BE READ CAREFULLY, COMPLETED AND SIGNED WITH AN ACCOMPANYING \$1.00 FEE BEFORE PARTICIPATING IN AN OUTING.

Meeting Locations Key:

C&J = Craig and Jensen; QBT = Qualicum Beach Tourist (centre on 19A); N&P = Northfield and Parkway rest stop parking lot; Sunnybeach = Hwy 19A north & Sunnybeach Rd

Mon July 28th Club Picnic @ Rath Trevor, picnic area # 1- Come out for the Arrowsmith Naturalists Annual club picnic. Bring folding chair, plate, utensils, BYO coffee/tea, jacket etc. according to weather and a potluck dish to share. Also, please bring a 'nature' related item for the raffle...

Sun Aug 10th KidFest at Parksville Community Park - 10:00 a.m. to 3:00 p.m. The Arrowsmith Naturalists and the Young Naturalist will provide the popular and exciting exhibit on marine life. We rely on Volunteers. If you wish to help out please contact Lynne Brookes. (250) 586.4595

Sat Sept 6 The Gift of Weeds: What is a weed? Examine the plants that thrive in our disused fields and ditches on an easy walk around Parksville with Maya. Their value to animals and their medical uses by people will be explained. Exploration will be around Parksville. Meet 9:30 am C & J, Leader: Maya Carson

Wed Sept 17 Newcastle Island: If you heard Bill Merilees presentation at the general meeting you won't want to miss this. Bill has agreed to guide us in person around this historic and beautiful place. The walk may involve a fair amount of walking...have appropriate foot wear. Bring lunch and meet 9:30 am C & J, Maffeo Sutton Park ferry Terminal 10:30 am Leader: Maggie Little

MEETING TIME(s) INFO STARTING SEPT 22nd, 2014

7:00 p.m. - Members chat time and other individual(s) information sharing.

7:15...ish - Coffee to be available.

7:30 p.m. - General meeting convenes.

Ten (10) minutes break after speaker for refreshments & chat.

9:15 p.m. - End of meeting; chair stacking. Done and out of church by 9:30 p.m.

Mon Sept 22 GENERAL MEETING - at Knox United Church, 345 Pym, Parksville @ 7:30 p.m.

Please respect Knox Church policy of "No perfumes or scents when participating in activities or meetings".

Topic: Club's new presentation re: "Arrowsmith Naturalist Promotional Power Point".

Speaker: Club members presenting.

Sat Sept 27 Stamp River Provincial Park and Salmon Ladder: See a natural marvel in a beautiful location. We can add an attractive forest walk in the park. Bring lunch and meet 9:30 am QBT. Leader: Ed Wilson

ARROWSMITH NATURALISTS MEETINGS AND OUTINGS*JUNE to DECEMBER 2014*

CARPOOL IF POSSIBLE. FOR MORE INFORMATION CONTACT: DAVE ERICKSON: (250) 947-9698

PLEASE NOTE - GUESTS ARE VERY WELCOME. A GUEST WAIVER AND DAY MEMBERSHIP FORMS ARE AVAILABLE AT THE TIME OF AN OUTING OR ON THE WEBSITE: WWW.ARROWSMITHNATS.ORG/MEMBERSHIP THESE FORMS MUST BE READ CAREFULLY, COMPLETED AND SIGNED WITH AN ACCOMPANYING \$1.00 FEE BEFORE PARTICIPATING IN AN OUTING.

Meeting Locations Key:

C&J = Craig and Jensen; QBT = Qualicum Beach Tourist (centre on 19A); N&P = Northfield and Parkway rest stop parking lot; Sunnybeach = Hwy 19A north & Sunnybeach Rd

Sat Oct 11 Dodd's Narrows: We've timed our outing to be there just before slack water in order to witness the change in current direction. Bring lunch, sit on the rocks and watch the moon at work. Meet 9:30 C & J 10 am N&P (rest stop) Leader: Toni and Ron Wykhoff

Wed Oct 22 Somass Estuary and Port Alberni Lagoon. Weather defeated us last January. This time the birding will be great. It's a flat route. Meet 9:30 am QBT. Leader: Margaret Hill (she will lead us to lunch as well)

Mon Oct 27 GENERAL MEETING - at Knox United Church, 345 Pym, PV @ 7:30 p.m.

Please respect Knox Church policy of "No perfumes or scents when participating in activities or meetings".

Topic: TBA Speaker: TBA

Wed Nov 12 Taste of BC Aquafarms 2930 Jameson Rd: Inland fish farm...just above Jingle Pot Rd. We will tour a facility that offers an alternative to the ocean fish farms that are proving so controversial. After touring the 'Taste' of BC fish farm, lunch at the Jingle Pot public house as it nearby. Meet C & J, 9:30, N&P (Rest stop) 10 am. Leader: Dave Erickson

Sat Nov 22 Riefel Bird Sanctuary: Probably the best opportunity most of us will have to see a huge and wonderful variety of migrating birds this year. There are both longer and less demanding circuits. Come prepared for the day's weather, water, snacks, binoculars, etc.

Meet C & J at 6:30 a.m. Bring breakfast or eat on ferry and also bring lunch.

Leaving C & J at 6:45 am; Depart 7:45 am ferry from Duke Point;

Return on 3:15 pm ferry from Tsawwassen. Leaders Gary and Ronda Murdoch.

Mon Nov 24 GENERAL MEETING - at Knox United Church, 345 Pym, Parksville @ 7:30 p.m.

Please respect Knox Church policy of "No perfumes or scents when participating in activities or meetings".

Topic: Speaker:

Wed Dec 3 Hemer Park: A walk in the park to round out a great year. In Cedar S of Nanaimo with good trails around holden lake. Meet C and J 9:30 am; Northfield 10 am. Bring lunch. Leader: TBA

Dec 14 2014 Christmas Bird Count and Pot Luck - Be sure to mark this date on your calendar.