

NEWS FROM



Newsletter of the Nanaimo & Area Land Trust Society

February 2019

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Taking in the view. Ambrose Knobel raises the flag atop Mount Benson.

Photo: Kerry Hart

2019 Parksville Water Stewardship Symposium April 2nd - 4th

Much of the bounty of this place we live is directly related to water. Whether it is the Salish Sea, with its moods of calm and storm and the secret life that slips above the surface as a dorsal fin or reveals itself in bright colours and curious shapes at the water's edge, or our wetlands and rivers that provide a cradle of life for salmon rearing, uncounted numbers of birds and the exchange between the forest and ocean that supports this abundant system. What we once thought of as predictable, the cycle of rain and short, sweet periods of dry, is changing as our climate changes. Rain falls in torrents that overwhelm our storm sewers and culverts; dry periods extend toward droughts that have us all nervously watching the woods for telltale smoke from human caused or natural fires. The climate is changing, the distribution of rain through the seasons is changing and we need to change too.

On April 2nd– 4th we will have an opportunity to learn about restoring the water balance, valuing healthy functioning watersheds as important natural assets in our communities and examples of communities living in balance with water.

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NEWS FROM NALT
is published by the
Nanaimo & Area Land Trust

NALT's Mission is:
*to promote and protect
the natural values of land
in the Nanaimo area*

The Nanaimo & Area
Land Trust Society
was registered as a B.C. Society
in 1995, and subsequently was
granted charitable tax status
and the right to hold
conservation covenants.
Charitable tax #:
893193771 RR0001

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Jenny Webb
Volunteer Coordinator and
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Ava Breakwell

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Strategic Planning Update

For NALT, the future is now. Almost.

Members of NALT's strategic planning committee have submitted a draft version of a plan intended to guide the organization for the next three years. The NALT board will consider the plan at its meeting at the end of February.

The document is the culmination of two months of work that began in November when Jolynn Green, executive director of Community Futures, facilitated two meetings to gather input from the board, staff and other members of the NALT community. During those two meetings participants looked at outside factors affecting NALT's work along with the organization's current strengths and weaknesses.

Priorities identified from those discussions included financial and organizational sustainability, communications, and positive engagement with the communities NALT serves.

Members of the strategic planning community met again in December to distil the results of the November meetings and put together recommendations for a draft strategic plan. After input from the board the plan is scheduled to be presented to the general NALT membership at the Annual General Meeting, May 8th.

A Song for NALT

If you remember back to the September newsletter; we printed lyrics for a song written by NALT supporter, Steve Romanik, who was looking for musicians to collaborate with to bring this song to fruition.

A few words from the songwriter:

"I am a long-time resident of Nanaimo and have seen the many changes over the years with regards to city growth and the constant encroachment on or near our existing natural environmental areas.

I have been a NALT member for many years and other than my membership fees and occasional cash donations I have not contributed as much as I would have liked to. Due to my limitations, activities like, trail building, tree planting, creek cleaning, nursery or other important projects are not feasible for me to participate in at this time.

I thought the best way for me to contribute would be to write a song that reflects the true values, intentions and constitution of the Nanaimo & Area Land Trust Society."

Steve and local musician, Laura Kelsey have joined together to create this song for the Nanaimo and Area Land Trust. The song is paired with a video showcasing various NALT initiatives and volunteers that have worked to keep Nanaimo green.

You can find this song and video on the NALT website:

http://nalt.bc.ca/13_events.html

2019 Parksville Water Stewardship Symposium April 2nd - 4th (Continued from page 1)

The [Water Stewardship in a Changing Climate](https://www.civicinfo.bc.ca/event/2019/Parksville-Water-Stewardship-Symposium) symposium will begin on April 2nd with a free field trip to the Englishman River Water Service treatment plant serving Parksville and Nanoose Bay peninsula; or join Dave Derrick in class and instream about sustainable stream stabilization (there is a cost to participate, to register: <https://www.civicinfo.bc.ca/event/2019/Parksville-Water-Stewardship-Symposium>). On April 3rd and 4th, the symposium will focus on sustainable stream restoration and restorative land development. The goal is to restore the water balance to mitigate rain storm flooding events and recharge groundwater to provide base flow for environmental needs (see insert for posters). Other than the instream activities, the symposium will be held at the Parksville Community and Conference Centre, 132 E. Jensen Avenue.

On the evening of April 3rd, a free public lecture by thought leader Storm Cunningham will explore the Restoration Economy. You can watch a TEDtalk by storm here: <https://www.youtube.com/watch?v=fpokEthuW2U>

Full details of the symposium can be found here: <https://mailchi.mp/716f646891bf/make-where-we-live-better-local-government-initiatives-on-vancouver-island-are-getting-it-right-learn-more-at-parksville-2019-april-2-3-994165?e=26709fec39>

The cost to attend the Dave Derrick workshop is \$50 - \$175 based on participant category, the symposium is 50\$, \$95 or \$225 if you register under the early bird rates prior to March 1st. NALT is able to offer a \$50 rebate for a limited number of volunteers in the water steward sector, please contact paul@nalt.bc.ca or call 250-714-1990 for details.

For full registration information:
<https://www.civicinfo.bc.ca/event/2019/Parksville-Water-Stewardship-Symposium>



Mallards on a Golden Pond (February in the NALT calendar) Photo: Dave Gervais



***The protection of the Earth's vitality, diversity,
and beauty is a Sacred Trust.***

Thomas Berry

Streamkeepers March 16th – 17th

Experience the expertise and passion of a well-known and extremely knowledgeable Biologist, Dave Clough. This year's Spring Streamkeepers workshop will focus on a local stream in southern Nanaimo.

Registrants will learn about the structures and indicators of healthy streams and rivers, how to measure and record the health of creeks, and various restoration and enhancement activities that can improve fish habitat. A favourite component for many participants is finding and identifying the different kinds of bugs that live in streams, and what their presence reveals about water quality. This two-day workshop teaches some of the easy-to-understand indicators that determine stream health – with both in-class and in-stream lessons (literally in-stream – bring your rubber boots!). You'll come away with a better understanding and appreciation of our local water ways, both big and small, and an increased interest in community stewardship. And, you will receive a certificate of completion from the Pacific Streamkeepers Federation. It's a fun, informative look at the flora and fauna living in our waterways and provides the foundational know-how to help them thrive.



Streamkeepers zoom in on the tiny critters living in the river bed at Chase River.

The workshop will take place on March 16th to 17th 9AM – 4PM each day. Thanks to our funders and NALT's Stewardship budget, the cost of the course is free this time; however, there is a Streamkeepers Handbook (a must for the workshop and a valuable resource tool for any future Streamkeeper work that may be carried out), which will cost participants \$20. Please sign up early as space is limited.

If you are interested in signing up for this workshop, please call 250-714-1990 or email volunteer@nalt.bc.ca

***In every walk with nature
one receives far more than he seeks.***

John Muir

Calling All Photographers! NALT Needs 2020 Calendar Photos

The deadline for you to send us your photos is Friday, June 28th. We need you to take a trip through your photo files, and find up to five of your best photos—they may be recent or not-so-recent. If one of the photos you send is selected for the 2020 NALT calendar, your name will be featured as the photographer, and you will receive 5 free calendars that you can send to family or friends as a perfect gift for the holiday season.

Here's what we are looking for:

Photos that feature natural areas NALT has been involved with—including the Linley Valley, Mount Benson (and views from), Harewood Plains, pretty much all the creeks and rivers (and their watersheds) in and around Nanaimo, Hamilton Marsh, Moorecroft Park, the Yellowpoint Lodge property, sites featuring Lasqueti Island, South Winchelsea Island, Gabriola Island and Mudge Island, plus local area parks where NALT has been involved with invasive species removal and habitat projects over the past years. Also welcome are close-ups of flora and fauna generally found throughout the Nanaimo region.

If you have a great photo of some site or feature in the Nanaimo area that we have missed on this list, send it in for consideration. We generally do not use photos that *feature* people or pets, but a figure in the background or an outdoor group enjoying an activity, can add context to the image. As you may have noticed, each year we try to select a balance of images that match with an appropriate month or season; so, even if your photo doesn't get used for the 2020 calendar, it may be used by NALT in a future calendar, or for the ever-popular NALT notecards, or posters or newsletters. You will be notified if we do use one for any reason, and the photo will be appropriately credited to your name.

How to participate?

For photos to be usable for the calendar, they need to be **formatted in landscape (wide, not tall) and in a high enough resolution for clarity when they are enlarged to the calendar size of 8 1/2" x11"** (3 Megabytes or more). Please email your photos to volunteer@nalt.bc.ca or drop off a digital copy at the NALT office.

Please share with us your special photos depicting the natural beauty that makes this area such a great place to live. **Remember: The deadline for 2020 calendar photo submissions is Friday, June 28th at midnight.**



NALT at the Mall

Thanks to all the folks who visited the NALT booth over the holidays to say hello or purchase merchandise like our ever popular calendar and native seeds.

L to R: Nina Evans-Locke, Theresa Hood

NALT Native Plant Nursery

The first half of winter (the warm half) found nursery volunteers winterizing plants, pruning, and propping the greenhouse roof “just in case” of snow. The greenhouse roof is now 10 years old and will be replaced this summer. We think that’s a great record, and many thanks to the JCP project for constructing the entire greenhouse 10 years ago. It’s hard to remember our office used to be “under the big cedar tree.”

The nursery provided VIU with 3 large trees for holiday decoration, and provided an even larger Spruce to the City of Nanaimo at Frank Crane arena. This decorated tree delighted skaters during winter break and was donated in honor of Gail Adrienne’s long, dedicated service, and thanking Peter and Anneke Vankerkoerle for their many years of dedication to NALT and the nursery.

Once again, the nursery sold potted Christmas trees. They also joined the NALT office table and sold seeds at Port Place Mall. More trees were rented this year than years’ past, and some have already come home to the nursery to be returned to the ground. Seed sales were up at the mall, earning more money than trees for the first time. It takes a huge amount of teamwork effort from beginning to end.

Now we’re in our second half of winter (the cold half) and we have another seed story. The Nanaimo-Ladysmith School District noticed our seeds at the mall, and ordered 30 packets to give to elementary students in thanks for their presentation to the School Board. We appreciate this creative gifting!

Also in 2019 is some new signage to help shoppers find their way to the nursery. Aquarius Signs Ltd. produced the signs that Peter Jeremy designed. The propagation hut with heating mats, not quite new, is in its second season to help plants get a good start.

Upcoming are several events where the nursery will be participating including:

- ◇ **Stone Soup and Burn Day February 13th at the NALT Nursery**
- ◇ **Seedy Sunday March 3rd at NDSS**
- ◇ **Earth Day April 27th at John Barsby School**
- ◇ **Morrell plant sale May 11th at Morrell Nature Sanctuary**



The Big Spruce in honour of Gail Adrienne Photo: Deryck Cowling



Thank You from the City! Photo: Deryck Cowling

Ten hearty volunteers work most Wednesdays to keep the plants and facilities going, and other volunteers help out when they are asked. In 2018, total nursery hours volunteered was 2,167. That’s a lot of hours!

We also appreciate the donations we find, often not knowing who gifted us with pots or other useful equipment. Big thank you to all of you for supporting this Nursery Village!

Winter Bottle Drive Fun(ds)

Bundled up, fortified with delicious homemade soup and hot drinks, we were ready to take on the cold wrath of winter. Delightfully to our surprise, the clouds cleared, and the sun shined for our NALT volunteers at the January bottle drive. It was a record for the nicest weather on a winter bottle drive ever!

Bottle counts were low, but spirits were high. For our efforts we raised \$700, a modest measure for a day of fun in the sun sorting bottles. Thank you to our wonderful volunteers and loyal contributors who bring in their refundables time and time again. We appreciate you! A special thank you goes out to Jenny Webb and Paul Chapman for bringing soups to warm a soul and delectable treats to keep us energized for the day.

Save the date for our next bottle drive happening on April 27th at Country Club Centre in the parking lot beside Lucky's Liquor store. Can't make it? Just bring your refundables to the Regional Recycling Depot at 2375 Hayes Road or 839 Old Victoria Road in Nanaimo or 611A Alberni Hwy in Parksville and say "please put it on the NALT account."

Hope to see you there!



A bundle of smiles at the January bottle drive.
L to R: Shauna Blair, Jenny Webb,
Peter Jeremy, Trish Jennings

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The Lübeck Community Forest

By Guy Dauncey, Yellow Point Ecological Society

There is a forest in Germany which people are talking about. While most of Germany's forests are in a sorry state, losing their magic, losing nature and lacking older trees, this forest is gaining magic and supporting nature while providing its foresters with a steady income.

The forest belongs to the city of Lübeck, a beautiful Hanseatic port north-east of Hamburg, close to Denmark, whose tourist officers have labelled it 'The Venice of the North' because of its many canals, just as ours have labelled the Cowichan Valley 'The New Provence'. Its community forest, some 5,000 hectares in size, is mostly beech and oak, mixed with ash, maple, hornbeam, elm, birch and alder, with some coniferous spruce, pine, larch and Douglas fir.

The land has been covered by forest for more than two hundred and fifty years, but in 1994 Lübeck's chief forester proposed a change in the way it was managed. Instead of the conventional method of logging with heavy machinery followed by replanting he wanted to try a new approach called 'close to nature', or 'near-natural forest use', which was developed in cooperation with scientists and nature conservationists. The city approved the change to "use wood and preserve the forest", the citizens endorsed the change by referendum, and the forest has been managed this way ever since.



The city manages its forest with four objectives in mind. First, to be a natural forest for the people of Lübeck to enjoy, where nature can teach the residents of Lübeck and visitors about the natural functions of a forest and how a healthy forest can help sustain life on the planet. Second, to meet the commercial needs of the forest industry through sustainable management, with a focus on felling large trees on a needs basis, with buyers going into the forest to select the trees they want. Third, to contribute to the conservation of nature, enhancing biodiversity through the preservation of natural habitats. And fourth, to be a store of carbon, contributing to efforts to slow the climate crisis.

The chief forester, Knut Sturm, says their primary rule is to allow the forest to follow its own ecological nature. He uses the phrases 'close to nature' and 'near-natural forest use' to describe their guiding principles. Over the long-term, he seeks a forest management path that will yield the lowest risk and the most productive development. To achieve this, he and his team of thirty district foresters and forest workers harvest mature trees while working to improve the closeness of the forests to nature and to raise the quality of the remaining trees.

In practical terms, this means no clearcuts; no use of toxins or fertilizers, ensuring that forest-walkers can breathe pure air; no drainage of wetlands; no surface clearing or slash-burning of brush piles; no work during ecologically sensitive seasons (spring and summer); and no use of large machines that would damage and compact the soil. Large trees are felled individually or in groups of two or three. They are dragged out of the forest by horses, which slalom their way between the trees, having minimal impact on the soil, and brought to assembly areas where they are winched onto trucks and taken to a local sawmill.

Soil impact is a big consideration for Knut Sturm and his team. They are inspired by the findings in the book *The Hidden Life of Trees: What They Feel, How They Communicate—Discoveries from a Secret World* by the German forester Peter Wohlleben, who has worked alongside Suzanne Simard, a professor of forest ecology at UBC. The trees have an underground network of canals and pores that aerate the soil, ensuring water absorption and the conveyance of nutrients. The roots are connected by fungi, enabling them to exchange information about water and nutrients. When soil is loose, the trees root more deeply, giving them better protection against storms. When the soil is compacted by heavy machinery their roots have to grow closer to the surface, making them more susceptible to blow-down.

471 hectares are left entirely untouched to serve as reference areas for nature's ways; the goal is that the managed areas should look almost identical to the reference areas. They never plant any trees, but leave that to nature, and the millions of seeds that fall each October. In doing so, they have learnt that trees germinated naturally grow better than sown or planted trees, the same lesson that our local ecoforester Merv Wilkinson learnt in his forest at Wildwood, Cedar, just north of Ladysmith.

They protect wildlife trees and dead trees for birds, bats, insects and fungi, and are proud that their forests support otters, the endangered black stork, and 180 pairs of breeding middle-spotted woodpeckers, whose numbers have increased significantly in recent years.

On good beech tree sites, where trees are competing, thinning is done two or three times until the trees reach 40 cm diameter at breast height, after which no further thinning is needed to improve the quality of the beeches. The target diameters for commercial felling are 45 cm for spruce, 50 cm for pine, 75 cm for beech and 80 cm for oak.

So what of their timber data? I know this will be of interest to those who want to consider different ways to manage North Cowichan's Municipal Forest, which is a similar size. Lübeck's goal is deliberately *not* to maximize the forest yield; they want to balance social, ecological and economic needs, while growing the forest as a whole. In the timber-managed area of 4,670 hectares, in 1996 the forest held 315 cubic metres of timber per hectare (m^3/ha). By 2004 this had increased to 340 m^3/ha and by 2018 to 429 m^3/ha . In 1994 the annual incremental growth was 8-10 m^3/ha ; now it is 10-12 m^3/ha . Their goal is to reach a total forest inventory of 600 to 800 m^3/ha , both as a store of carbon and as the forest recovers its old-growth characteristics.

In 2016 they cut 14,500 m^3 at a rate of 3.2 m^3/ha , including 800 m^3 of high-quality oak, which sells for around 430 euros per cubic metre (Can \$609). They also provided 2,500 cubic metres of timber for firewood and other wood products for the people of Lübeck. On average, the trees felled are 10-20 cm wider than those felled in conventional forests. The older a beech tree, the firmer its wood, and the more it sells for. Their rule of thumb is that wood from deciduous trees should sell for three times the harvesting cost, while coniferous wood should sell for 1.5 times. Of the 14,500 cubic metres felled, 3,500 m^3 was left in the forest for soil improvement and as dead wood, and 11,000 m^3 were sold:

(Continued on page 10)

Nature takes no account of even the most reasonable of human excuses.

Joseph Wood Krutch

- 3,500 m³ high-quality deciduous: 75% value-added products, 25 % firewood
- 1,000 m³ low-quality deciduous: 20% value-added products, 70% building timber, 15% firewood
- 6,500 m³ coniferous: 20% value-added products, 65% building timber, 10% pulp

By following their 'close to nature' methods their costs have been reduced drastically, and their timber, since it has been certified by the Forest Stewardship Council, sells for a premium. The Otto Group, which has pledged itself to offer exclusively FSC certified furniture until 2025, has shown a great interest in the Lübeck forest. On average, the sale of timber generates \$1.9 million a year.

Their employees do not just work at their forestry jobs. Theirs is a municipal forest pursuing multiple objectives, so they are also responsible for the maintenance and care of the nature reserves, and 250 kilometres of hiking, equestrian and cycling trails. The trails are well-used, with more than 120 events including many educational school trips a year, as well as daily enjoyment by Lübeck's citizens.

Germany's environmental and business communities have sat up and paid attention to what's happening in Lübeck. They have been supported by large organizations such as Greenpeace, Friends of the Earth and Robin Wood, and have received awards from the European Paper Industry and Germany's Federal Ministry of Environment. In 2018, Dr. Lutz Fähser (Chief Forester from 1994-2009) and Knut Sturm were awarded the renowned B.A.U.M. Environmental Prize for their role in making Stadtwald Lübeck an internationally recognized role model for near-natural forest-use and sustainable forest management. The B.A.U.M. award is one of the best-known and most coveted sustainability awards among German companies.

Lübeck's public is happy too. In 2017, two-thirds of respondents to a survey said they preferred the wilder forest look and feel to more orderly conventional forests. Social acceptance by environmental organizations and by the citizens of Lübeck is important, providing an important foundation for successful forestry. Their methods of ecoforestry have recently been adopted by other German cities, including Berlin, Munich, Bonn, Saarbrücken, Wiesbaden, Hannover, Uelzen, Mühlheim an der Ruhr and Göttingen.

Our Coastal Douglas fir forests on Vancouver Island are a world away from Germany's forests of beech and oak, but forests follow nature's rules all over the world. The parallels between Lübeck's experience and ours in North Cowichan are fascinating, and I hope they receive further exploration. Merv Wilkinson operated his much smaller Wildwood forest on these principles for seventy years. He harvested the annual growth without any clearcutting, and after sixty years his forest had more timber in it than when he started.

To learn more about Lübeck's experience, find yourself a German speaker and settle down to enjoy these videos, which take you into the forest itself.

www.tinyurl.com/lubeckforest

www.tinyurl.com/lubeckforest2

www.tinyurl.com/lubeckforest3

	North Cowichan	Lübeck
Size of harvestable forest (hectares)	5,000	4,670
Size of no-harvest reference forest (hectares)	0	471
Total timber volume per hectare (cubic metres)	486	429
Average annual allowable cut (cubic metres)	20,000	14,500
Actual cut in 2017 (cubic metres)	10,585	14,500
Replanting (seedlings in 2017)	49,000	0
Average clearcut block size (hectares)	7	0
Jobs created (2017)	8.5	30
Income (2017)	\$1,152,000	\$1,900,000*

*Average income, 2015-2018.

Many thanks to Knut Sturm and Torsten Welle and at the Naturwald Akadamie in Lübeck for their assistance.

“This is a very current concern in North Cowichan, where a group of people are seeking a pause in logging in the Municipal Forest to allow time for reflection and consideration of other ways of logging.

There is a great video about the Municipal Forest on the website www.wheredowestand.ca, and a petition to North Cowichan Council.

On Tuesday March 5th there is a major event [The Secret of the Six Forests: A Community Assembly for Public Forests](#) at the Performing Arts Centre in Duncan, which can seat 700 people. This promises to be a very exciting evening.”


Guy Dauncey is President of the Yellow Point Ecological Society and the author of *Journey to the Future: A Better World is Possible*. www.journeytothefuture.ca



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~ THANK YOU ALL ~

*Many thanks to all the individuals, organizations and businesses who have donated their time and skills as volunteers, contributed items or services, made financial donations, renewed or started a membership, or begun a monthly pre-authorized contribution (PAC).
November 17, 2018 to February 4, 2019*

Individual Donations & New Memberships – NALT: Anonymous (6), Suzanne Andre, Darlene & Michael Booth, Lori Brothers, Ria deVos & David Stanley, Suzanne Fleury, Sara Frisch & Joan Stelling, Robert Gilchrist, Lee Grimmer, Jeff Hawker, Carrie Holt, Theresa Hood, Cliff Jackman, Bruce Joiner, Philip Manders, John & Hilary Manning, Joan McIntyre, James Philip, Jack & Linda Robinson, Maureen Shier, Doug & Wendy Smiley, Graham Wallace, Bruce & Wendy Ward, Paul Webb, John Wells and Shannon Welsh

Donations - Mt Benson Acquisition Phase II: Rhonda Bailey, Finn & Anne English and Michael Gilmour

Donations - Nanaimo River Property Acquisition: Anonymous (1), Allison Shaw

Donations - Departure Creek Streamkeepers: Anne Kerr

Natural Abundance Native Plant Nursery - Donations and In-kind Goods: Nina Evans-Locke and Dean Gaudry

In honour of: Colin Lowe from Geoff Lowe

In memory of: Spencer Stone from the Webb Family

New Pre-authorized Contributions: Shauna Blair, Patrick & Patricia Ansell and Maureen Shier

Volunteers since November 17, 2018:

Holly Blackburn, Shauna Blair, Ava Breakwell, Paul Chapman, Linda Cole, Iain Colquhoun, Deryck Cowling, Kathy Doyle, Jo Currie, Judy Critchley, Allan Davidson, Jennifer Davidson, David Drakeford, Craig Evans, Nina Evans-Locke, Susan Fisher, Dean Gaudry, Eric Grossman, Jean-Michel Hanssens, Jeff Hawker, Bernie Heinrichs, Pat Hogue, Theresa Hood, Trish Jennings, Peter Jeremy, Anne Kerr, Barbara Kerfoot, Gail McBride, Wayne Morgan, John Murphy, Linda Nichol, Cyndi Pitvor, Colleen Rohde, Harriet Rueggeberg, Chris Scoriah, Debbie Sifton, Karen Skarpness, Gary Smart, Beth Stanley, Judy Tencer, Jack Tieleman, Coco VanZyl, Norm Wagenaar, Jenny Webb, Garth Whittome, Wally Wells, Fraser Wilson, Inger Wyatt, Linda Yemen, John Young, Susan Young

If you want to go quickly, go alone. If you want to go far, go together.

African Proverb

~ THANK YOU ALL ~

A Special Thank You to NALT's 2018 Monthly Pre-authorized Contributors:

Anonymous (3), Gail Adrienne, Suzanne Andre, Gary & Valerie Ansell, Patricia & Patrick Ansell, Aquaparian Environmental Consulting, Ian & Gwen Bailey, Johanna & Robert Bams, George Beadle, Doreen Besharah, Shauna Blair, Deborah Blenkarn, Valerie Booth, Richard & Lynne Bowen, Richard Cabell, Chris Cameron MD Inc., Stanley & Sharon Cameron, Darlene & Wolfgang Carolsfeld, Paul Chapman, Doneal Cohen, Linda Cole, Kelly & Adam Compton, Deryck Cowling, Dave Cutts, Sarah Davies, Jennifer & Allan Davidson, Janet Delgatty & Jeff Hawker, Jeffrey Dickinson & Michelle Fairbanks, Andrew & Melanie Digney, Robert & Sandra Dobson, Geoffrey Donnelly & Carol Meekes, Mac Dube, Diana Dugas, Jacob Etzkorn, Carys Evans, Megan Farquhar, Phillip & Edythe Field, Susan Fisher, Dr. Sara Frisch, Ian Gartshore, Dean Gaudry, Inger Gidska, Alison Graves, Greenrock Liquor Store, Lee Grannon, Lee Grimmer, Douglas & Doreen Halfyard, Jean-Michel Hanssens, Allan Hawryzki, Jerry Hinbest, Barbara Hourston, Joy Hunter, Trish Jennings, Peter Jeremy, Beryl Johnson, Lawrence Johnson, Marianne Johnson, Anne Kerr, Josephine Kynaston, Gerald LaPorte, Margaret Litch, Dr Robin & Deidre Love, Dale Lovick, Ian MacDonald & Candice Morgan, Anne MacMillan, Hugh & Rosemary MacNaughton, Margaret Mann, Mike & Becky Mann, Craig McCracken, Robert & Barbara McDonald, Joan McIntyre, Harry McLeod, Richard McNicol, Scot Merriam, Patricia Mitchell, Ann-Maire Monahan, Geoff Mumford, Robert & Susan Murphy, Emma Peck, Elizabeth Penston, Peter Mason Geomatics, Mary Peters, Dr Keith & Arlene Phillips, Kulbinder Rai, Arthur & Marjorie Robinson, Harriet Rueggeberg, Rosina Schmidt, Jeffrey Solomon & Roblyn Hunter, Sharon Speevak, Cynthia Spencer, Martin Spencer, Kate Stefiuk, Al & Marjorie Stewart, Brenda Stewart, Gilbert Stuart, Andre Sullivan, Emma Swanson, Ron Tanasichuk, Mary Thiess, Jack Tieleman, Arlene Tucker, Anneke & Peter Van Kerkoerle, D. W. (Dick) Vann, Victoria Voros, Mollie Walls, Dr Joris Wiggers & Elizabeth Herman, Fraser & Patricia Wilson, Mary Winder, Dr Lawrence & Robyn Winkler, Shirley Winkler, Jim & Sharon Young, John & Susann Young, Ronald & Diana Young and Audrey & Gary Zolob

A Noteable Thank You to Members who have increased their PACs in 2018:

Anonymous (1), Richard Cabell, Paul Chapman, Lee Grimmer, Barbara Hourston and Robert & Susan Murphy

You cannot get through a single day without having an impact on the world around you. What you do makes a difference, and you have to decide what kind of difference you want to make.

Jane Goodall

Donation/Pledge Form
THE MOUNT BENSON CAMPAIGN II



DONOR CATEGORIES

\$50,000 or more	Ultimate Benefactor of Benson
\$10,000 to \$49,999	Benefactor of Benson
\$5,000 to \$9,999	Hero of Benson
\$3,000 to \$4,999	Grand Champion of Benson
\$1,000 to \$2,999	Champion of Benson
\$500 to \$999	Patron of Benson
\$100 to \$499	Friend of Benson
less than \$100	Sponsor of Benson

My donation of \$_____ is enclosed
 cash, cheque or credit card (check one) **AND/OR**

I would like to pledge \$_____ in ____ (#)

If the Mt Benson II acquisition campaign cannot be completed, then the funds will be held in an Acquisitions Account to be used for another acquisition campaign.

Make cheque payable to NALT- Mount Benson Acquisition.

Visa/MC# _____ Exp Date: _____

Tax receipts issued for donations of \$20 or more.

My name is _____

(for tax receipt)

Please record this contribution in the name of :

(if different) _____

I would like to remain anonymous (Check Here) ☐

My street address: _____

City: _____ postal code _____

Phone: _____ Email: _____

Thank you for your continued support!

OFFICE ONLY: TR # _____



Nanaimo River Donation Form

I wish to donate to the Nanaimo River Project,
 to assist with the costs of developing a Nanaimo River
 stewardship strategy

Donation Categories

\$5,000 to \$9,999	Benefactor
\$1,000 to \$4,999	Hero
\$500 to \$999	Champion
\$100 to \$499	Patron
\$25 to \$100	Friend
less than \$25	Supporter

**My donation of \$_____ is enclosed as cash,
 cheque or credit card (circle one)**

Cheques should be made payable to **NALT – Nanaimo River
 Strategy Project** OR provide credit card info

VISA/ MC# _____

Expiry ____/____ Signature _____

Charitable receipts will be issued for all donations of \$20 or more.

TO receive your tax receipt and be on our contact list, please fill out
 the section below.

NALT's charitable tax # is 893193771

My Name : _____

Mailing Address: _____

City/ Town: _____

Postal Code: _____ Phone: _____

Email Contact: _____

If this donation is being made in the name of someone other
 than yourself, please give their contact information

Their Name _____

Mailing Address: _____

City/ Town: _____

Postal Code: _____ Phone: _____

I would like to remain anonymous on all NALT thank you
 and recognition lists **NO / YES (circle one)**

NALT Thanks You for Your Support!

(OFFICE ONLY) TR# _____



NALT MEMBERSHIP FORM

Please send this completed form to:

Nanaimo & Area Land Trust
#8-140 Wallace St. Nanaimo, BC V9R 5B1

I would like to:

a) ☐ **Renew my NALT Membership**

b) ☐ **Begin a NALT Membership**

(Check the rate that applies to you)

___ Senior/Low Income/Student -\$10

___ Individual/Family - \$20

___ Business- \$50

c) ☐ **I would like to become a monthly donor:**

(Please see Pre-Authorized Contribution PAC form)

OR

d) ☐ **I would like to make a one time donation of:**

\$ _____

Make cheque payable to: Nanaimo & Area Land Trust

OR

Please charge my Visa or Mastercard:

Credit Card # _____ Exp Date : _____

Signature: _____

PLEASE PRINT CLEARLY

name _____

mailing address _____

city _____ Postal code _____

telephone _____ email address _____

Would you like to remain anonymous? ☐

Tax receipts will be issued for contributions of \$20 or more.

NALT does not sell, trade or loan our database of donors, members or

contacts to individuals or other organizations

Thank you for your continued support!

OFFICE ONLY: TR # _____



Pre-Authorized Contribution (PAC)

Includes Annual Membership

Complete this section ONLY if you want to become a monthly donor.

Yes, I authorize NALT to automatically withdraw from my bank account on the 1st of each month beginning

This date _____ (yr/month/day):

☐ \$10.00

☐ \$20.00

☐ \$30.00

☐ \$40.00

☐ Other amount: _____

☐ I have enclosed a cheque marked **VOID**.

OR

Yes, I authorize NALT to charge my Visa OR MasterCard the 1st of each month:

☐ \$10.00

☐ \$20.00

☐ \$30.00

☐ \$40.00

☐ Other amount: _____

Visa ☐ M/C ☐

#: _____ Exp: _____

Signature: _____

Beginning: (Month) _____, 20 _____

You may change or cancel your contribution at any time by sending NALT written notice.

Please note: You will receive one tax receipt for the total amount of monthly gifts after the end of each tax year.

Your membership & monthly contribution are greatly appreciated.

Thank you for your continued support!

News from NALT February 2019 Page 15

Nanaimo & District Celebrates

Water to Earth Month 2019



For more details on the listed events & to register:
getinvolved.rdn.ca/team-watersmart

#water2earth



250.756.5200



Drinking Water & Watershed
Protection Program
250.390.6560



250.714.1990



Timberland Manager for  

Schedule of Events

** Please register in advance*

2019 Water Day

March 22, 2019

**Focusing on Endangered
Species & Ecosystems**

Saturday/Sunday, March 16 & 17

- Streamkeepers Course (NALT)

Friday, March 22

- Nanaimo River Watershed & Water Treatment Plant Tour *

Sunday, March 24

- Little Qualicum Streamwalk *

Monday, March 25

- Everyone Welcome Swim (Ravensong Pool)

Tuesday, March 26

- VIU Water Film Night

Saturday, March 30

- Earth Hour Starlight Skate (Nanaimo Ice Centre)

Tuesday to Thursday, April 2 to 4

- Tour, Workshop & Symposium *
"Water Stewardship in a Changing Climate"

Saturday, April 6

- Departure Creek Streamwalk *

Sunday, April 14

- WaterSmart Workshop Day (Beban Park) *

Thursday, April 25

- Nanaimo Rafting: Estuary (am) & River (pm) *

Saturday, April 27

- Earth Day Community Celebration (John Barsby Community School)
- Dive-in Movie (Nanaimo Aquatic Centre)

2019 Earth Day

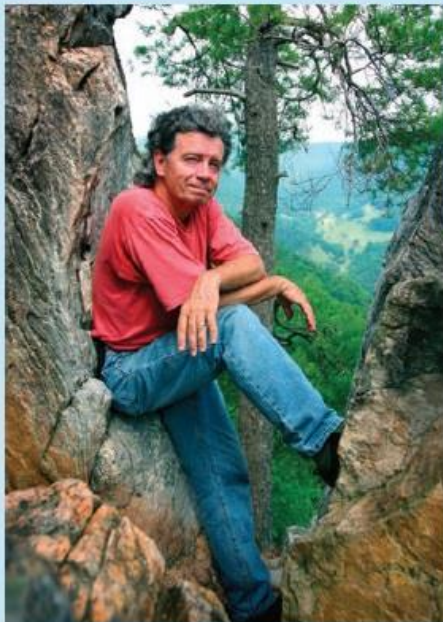
April 22, 2019

2nd Annual Vancouver Island
**Symposium on Water Stewardship
in a Changing Climate**

Join us in Parksville April 2 - 4, 2019

Storm Cunningham in Parksville

World thought leader on community revitalization and natural resource restoration



A Free Public Lecture • April 3, 7:00 pm - 8:30 pm

**Nature Is Regenerative:
We should be too**

Parksville Community and Conference Centre Auditorium
(132 Jensen Ave E)

“Eighty percent of the revitalizing work done required of urban planners and civil engineers in the 21st century will undo 80% of the work their predecessors did to cities and nature in the 20th century.

“We don’t fully understand complex systems, so humility and adaptive management are needed to restore nature, and to revitalize cities.”

Get a preview by watching Storm Cunningham’s [TEDx Talk](#)

[Storm Cunningham](#) Author • Motivator • Publisher

“...strategies are our path to success, they become our primary interface with our world. Thus, what we restore, restores us. What we revitalize, revitalizes us.”

We Can Create the Future We Want

On April 4 at the Water Stewardship Symposium:
Concluding Reflections

Storm Cunningham will reflect on what he heard
throughout the 2-day symposium.

Don't miss out! Register now at

<https://www.civicinfo.bc.ca/event/2019/Parksville-Water-Stewardship-Symposium>

Brought to you by:



Fisheries and Oceans
Canada

Pêches et Océans
Canada

2nd Annual Vancouver Island
**Symposium on Water Stewardship
in a Changing Climate**

Join us in Parksville April 2 - 4, 2019

TO REGISTER VISIT:

civicinfo.bc.ca/event/2019/Parksville-Water-Stewardship-Symposium

Various price categories. **Early bird pricing before March 1.** Register soon!

Learn why and how local government partnerships with stewardship groups can be transformational and 'make where we live better'!

DAY 1: Tuesday, April 2nd

In the Field

Option 1 (free):

**Tour the new Englishman
River Water Treatment Plant**

Plant serving Parksville and
NanOOSE Bay Peninsula

Option 2 (pay to attend):

**Stream restoration training
workshop with Dave Derrick**

Part in class, part on stream
at Shelly Creek

*For both options, participants will
meet at the Parksville Conference
Centre (132 Jensen Rd. E)*

*Bring appropriate clothing
& footwear. Must pre-register.
Space limited.*

DAY 2: Wednesday, April 3rd

Full Day Symposium

Parksville Community Conference
Centre (132 Jensen Rd. E)

**Theme: Sustainable
Stream Restoration**
with catered lunch

**What happens on the land
matters to streams – reconnecting
hydrology & ecology**

Doors open at 7:30 am, begins 8:30 am.

Four modules of speakers with
panel discussion and town
hall dialogues.
Goes to 4:15 pm

**Free Evening Lecture by Author
Storm Cunningham:
"The Challenge:
Design With Nature"**

DAY 3: Thursday, April 4th

Full Day Symposium

Parksville Community Conference
Centre (132 Jensen Rd. E)

**Theme: Restorative
Land Development**
with catered lunch

**How we can decrease our
destructive footprint while
increasing our restorative impact**

Doors open at 8 am begins 8:30 am.

Four modules of speakers with
panel discussion and town
hall dialogues.
Goes to 4:15 pm

**A Key Message: Restorative
Land Development Results
in Sustainable
Stream Restoration!**

Brought to you by:



Fisheries and Oceans
Canada

Pêches et Océans
Canada