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The **Summer Studio Tour** would welcome 3 or 4 more artists to the tour. We will have a second planning meeting on **Tuesday March 17th at 7:30** at the **Arts Center**. If you are interested but can't make the meeting, **phone Danni @ 335-0198** or email **dannicrenna07@gmail.com**



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Cover image: Denman Point, DI.
Photo by Chris Seguin



- DENMAN: 700 • HORNBY: 510 •
- E-SUBSCRIPTIONS: 42 •

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The opinions expressed herein do not necessarily reflect the views of the Publisher.

HERRINGFEST 2020 • PART 1 • What's

SPECIAL
INTEREST

Not to Know *By Anthony Gregson • Photos by Anthony Gregson*

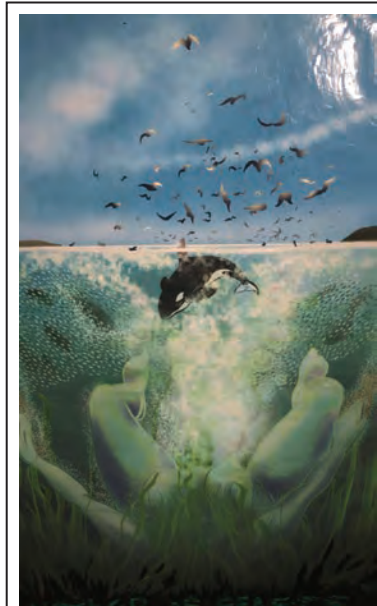
Denman, through the efforts of ADIMS, has the issue of aquaculture plastic pollution; Hornby, through CHI, has the herring fishery. Plastique, in her spectacular Garbaggio gown of rattling plastic waste, can make an eye-popping entrance with unmistakable point. But the annual Herringfest, now in its third year, is something else again – the natural wonder of the herring run which is political puzzle, protest and celebration all rolled into one.

The range and depth of Herringfest 2020 was holistic: artistic, literary, scientific, political, economic and indigenous. It was an impressive demonstration of all the resources that Hornby Island can muster on the field, from within itself, and in its many allies. Over everything hung the successful protests of the Wetsuetin hereditary chiefs. The national support and the impact of tactical disruption opened eyes as to what could be achieved. If senior federal ministers may not be taking the Hornby ferry anytime soon, there was a renewed sense of hope that went beyond reliance on the questionable ability of raw scientific fact alone to get government to ban the herring fishery.

But scientific fact there was, in abundance. The Herring School had expert talks on the measurement and future of the world fishery, the relationship of Chinook salmon to herring, and the current state of whales in the Salish. This year also saw a broadened scope to include a talk on the cultural relationship of First Nations to herring.

UBC's Daniel Pauli outlined the findings of twenty years of research by a project whose name is taken from the book by pioneering environmentalist Rachel Carson, *The Sea Around Us*. The aim of this research is to measure the world's fishery, its economic and environmental impacts, and long term prospects. The herring fishery is simply another case in point. Pauli pointed out that the UN Food and Agriculture Organization (FAO) has long under-reported the global catch because there is no uniform policy. Many nations exclude recreational fishing, and fish consumed in their home market, reporting only exports. Canada did not report the foreign catch in its own waters, or the catch of its indigenous people. The FAO is now miffed to learn that the global catch is far bigger than they thought. Canada and the USA are ten to fifteen percent underreported, but developing countries are two to three times more.

He pointed out that the introduction of steam power and steel boats vastly increased the catch, wiping out the herring fishery in England within a decade of their introduction way back in the 1880s. Today's diesel fishing vessels are twenty-times more powerful. They can catch far more fish at previously inaccessible depths over vast distances. He recalled conducting research on a fishing vessel that trawled for cod and hauled up huge rocks



Bee Wolf-Ray - Mother of All Feasts

LASQUETI VARIETY SHOW

By Jenny Vester

Out in the middle of the Salish Sea is a peculiar place called Lasqueti. In 2007, this off-grid island birthed the infamous Tsk Tsk Revue, a titillating variety show. It became an annual November production which offered residents a chance to shine on stage and/or watch entertaining antics in an adults-only setting. In 2012 the Tsk Tsk hit the road, traveling to Quadra, Cortes, Denman, Powell River and Cumberland. In 2019, the show got standing ovations in Errington, Powell River and Victoria. Now, the Revue is preparing for a Fantasy Island tour, aiming to enchant Salt Spring, Gabriola, Denman, Hornby and Powell River.

This brand new show is brought to you by a creatively charged cast of dancers, singers, musicians, actors, clowns, and fairies. Come romp with us through the delights and hilarity of earthly sexuality. The line-up is studded with original, imaginative, sensuous, raunchy, and provocative acts and it includes a local special guest star from the island being visited. Expect to laugh, learn new things and explore sex in a way where nothing and everything is sacred.

Come dressed to express and let us tickle your fancy and funny bone.

The Lasqueti Island Tsk Tsk Revue is at the Hornby Community Hall on Friday April 3rd and Denman on Saturday April 4th. Doors to the respective Community Halls open at 7pm. Showtime at 8pm. After the show DJ Beatfarmer will set your body to boogie and we'll have a dance party!

On Hornby, the PAC will provide a bar and concession. On Denman, the DIRCS will supply drinks and treats will be served up by the Pre-School Parents. Doors Tickets \$25. On Hornby at the Co-op Gas Bar. On Denman at Abraxas Books. 🍷

LETTER TO THE EDITOR

Re: the 02/20/2020 Grapevine article by David Critchley about the Denman Community Land Trust Assoc. and the idea for rainwater catchment. I'm sure there are many on Denman Island who could relate and comment about their experiences catching the rain for their dwellings and their survival. This is our experience on Hornby Island to give an idea of the system we put together.

We have been collecting rainwater on Hornby Island for about 17 years now. We have no access to well water on our half acre. The rain is collected from about 900 sq. ft of metal roof on the house, and runs through filters ... first through 1/4 inch galvanized wire mesh in the gutters, this collects the cones and needles that come off 2 large beautiful fir trees that are near the house. The water then goes through a metal down-pipe box with a Scotch Brite scouring pad filter and then through a cotton athletic sock and a nylon ankle



Water tanks condensation.

... continued on Page 5 ...

ARTS&LIT



TIDE TABLE

• Secondary Tidal Station Ford Cove •
• Source: tides.gc.ca •

2020-03-12 (Thursday)		
Time	Height	
PST	(m)	(ft)
01:13	1.6	5.2
07:26	4.9	16.1
13:56	1.5	4.9
20:06	4.5	14.8
2020-03-13 (Friday)		
Time	Height	
PDT	(m)	(ft)
02:59	2.1	6.9
09:00	4.8	15.7
15:44	1.3	4.3
22:15	4.4	14.4
2020-03-14 (Saturday)		
Time	Height	
PDT	(m)	(ft)
03:51	2.6	8.5
09:36	4.7	15.4
16:34	1.2	3.9
23:29	4.4	14.4
2020-03-15 (Sunday)		
Time	Height	
PDT	(m)	(ft)
04:51	3	9.8
10:14	4.5	14.8
17:27	1.2	3.9
2020-03-16 (Monday)		
Time	Height	
PDT	(m)	(ft)
00:50	4.4	14.4
06:06	3.4	11.2
10:58	4.2	13.8
18:25	1.2	3.9
2020-03-17 (Tuesday)		
Time	Height	
PDT	(m)	(ft)
02:11	4.5	14.8
07:39	3.5	11.5
11:54	4	13.1
19:28	1.3	4.3
2020-03-18 (Wednesday)		
Time	Height	
PDT	(m)	(ft)
03:23	4.6	15.1
09:12	3.4	11.2
13:11	3.8	12.5
20:34	1.4	4.6
2020-03-19 (Thursday)		
Time	Height	
PDT	(m)	(ft)
04:22	4.6	15.1
10:25	3.2	10.5
14:34	3.7	12.1
21:37	1.5	4.9

... continued from Page 2 ...

as well as thousands of fish from which they extracted otoliths only to throw everything back overboard. This is what happened to the East Coast cod fishery. "Only cod that wished to commit suicide would swim up to the surface," he said. Most of the population was at great depth. With more powerful vessels, they were able to "break open the treasure," and within a short time, destroy a fishery of fabled abundance. Today, the deep sea is fished as intensively as the inshore fishery everywhere except at the Poles. Canada, like just about every other industrialized nation, is now a net importer of fish.

With overfishing, fish are not only getting scarcer but also getting smaller all over the world. The Chinese, he says, have given up all controls. He showed big containers filled with an inedible mess of jellyfish, krill, plankton and larvae, "stuff that is only handled by bulldozers", and is used for fish food. Yet this is the very stuff on which everything else depends. It takes ten tons of phytoplankton to produce a ton of forage fish, and tens tons of forage fish (like herring) to produce one ton of salmon, and so on right up the chain. This kind of indiscriminate fishing down the food chain results in ever fewer and smaller fish.

But that is not the only reason. Pauli and his colleagues have introduced the idea of the mean temperature of the catch. This is the temperature at which a given species is most comfortable and likely to reproduce. For that reason, climate change is going to see growing scarcity. As the oceans warm, fish are migrating into temperate waters, in the North Sea, for example, at 5 to 50 kilometres a year. It's already happening in BC. Eulachon stocks are doing poorly in the south, thriving on the north coast. BC will eventually lose all the salmon as they come to prefer the Arctic. We have already seen the formidable Humboldt squid, who normally dwell in Mexican waters. Yet we are still lucky: fish can move up from warmer waters. But tropical seas will gradually empty because there are no hyper tropical fish, threatening a serious scarcity in latitudes where most of the world lives.

There's more. Because water contains about 80 times less oxygen than air, fish gills must work very hard. Warming water contain even less oxygen. Gills adapt very slowly over thousands of years. Fish size will be further



Elaine Savoie - St Neat
Patron Saint of Fish

restricted by decreased oxygen supply.

Pauli was scathing. Industrial fishing is largely a matter of authorized plunder. Subsidies are a major culprit because their effect is to reduce the costs that arise from over-fishing as fleets chase fewer fish at ever greater lengths. They are made possible by industry capture of the government agencies and allow you to, in effect, make a profit from resource abuse.

But then, ironically, we learned that the United States has the best fisheries management regime in the world today. Under the Magnuson-Stevens Act (originally passed in 1976 and modified for fishery sustainability), if a fish stock falls below sustainable levels, the government must immediately take steps to restore the stock. If sustainable levels are not restored within ten years, the government can be sued by individuals. Canada and the European Union have introduced similar legislation but with one fatal flaw: ministerial prerogative can still be used to overrule scientific recommendation, defeating the whole purpose by opening policy to industry capture.

Pauli warned against the shifting baseline. Each generation, ignorant of the past, reinvents its own ideas of plenty. But if England is any example, they have today only five percent of what they had around 1900. This makes the idea of any sort of industrial fishery on the last significant herring spawn in the Salish Sea ridiculous.

There was some better news from Washington State biologist and wildlife vet Joel Grayson. Whales are coming back. Humpbacks, some

Seedy Saturday 14th March

Heron Rocks Friendship Centre Society invites you to - Join us in the Ringside Market on Hornby Island for our annual Seedy Saturday.

Please come and pick up seeds so that your gardens will bear fruit throughout the summer and into the Fall.

If you have extra seeds you are welcome to bring them

Please let me know if there is anyone needing a ride from the ferry to the Ringside.

We look forward to seeing some of our neighbours from Denman Island.

Vicki Bale 250 335-1539 or 250 792-2961



AGM

April 15th 7:30

Arts Center 1016 NW RD

Treats to follow meeting

... continued on Page 7 ...

... continued from Page 3 ...

stocking filter into the small tank with submersible pump that pumps the water over to the storage tanks in the yard. Because of the fir trees the gutters and the filters have to be cleaned regularly. The cotton athletic sock filter gets changed every other day when it rains, it collects the very fine particulate matter from the fir trees. We buy the socks in bulk and put the dirty ones through the washing machine with the laundry so there are always spare clean sock filters. The wire mesh, the Scotch Brite pad and the nylon stocking get cleaned and rinsed regularly. Of course if you are away from the trees there is less to be concerned about.

When the water comes back from the tanks to service the house it goes through a 5 micron filter and a jet pump pressurizes the system in the house. The 5 micron filter is changed about every 6 months. We do not have a UV light filter. We've had the water officially tested and it has been totally potable for years. The CVRD, VIHA and the Water Licensing people will probably require, for insurance purposes, UV filters in a public housing water system. Our water has been sweet, clear and good tasting for years, for everything in the house, laundry, bathroom, kitchen, drinking, and coffee, very important. The system does, as you can see, need regular attention and maintenance, preferably all year round.

In 2003 we started with one storage tank and as of 2017 have 5 - 2000 gallon tanks in the yard, for a total of 10,000 gallons. This winter all the tanks were full to about 1850 gallons each by the end of January. It's best not fill them completely as a hard freeze can create an ice cap inside the top of the tank. If the weather is really freezing the ice cap can expand and crack the tank. So with a total of say 9000 plus gallons, we can get through the dry season to the rains in the fall. Do Not collect rain water in springtime during pollen season. After pollen season in June it's OK to collect rain to top up the tanks, after you thoroughly clean the pollen gunk out of the gutters. About twice a year, spring and fall, I put half a cup of bleach in each storage tank. Most of this 9000 or so gallons goes to growing vegetables. We have about 800 sq. ft. of garden and a small green house. The gardens are fenced to keep out the deer. During the summer months we are very careful with water consumption in the house, navy showers and dirty dish water for the house plants, etc. In an affordable housing complex my guess would be a minimum of 2 or better yet 3 tanks per household, and well water if possible for the gardening needs. Price of a 2000 gallon tank in 2017 about \$2000, plus plumbing costs and labor. In an affordable housing community with a larger number of tanks being installed the price would probably go down some.

The affordable housing project on Hornby Island has been struggling for years with red tape, green tape, guide lines, by laws, rules and regulations, especially in terms of a communal water system and the financing of infrastructure installations. Then the project got messy and hung up in a law suit. Best laid plans of mice and us humans! O well ...

Hope this info will spell out some of what is to be expected in setting up a rain water harvesting system for an affordable housing community.

King Anderson - Hornby Island B.C. 🍷

FROM THE CROW'S NEST: Chimera

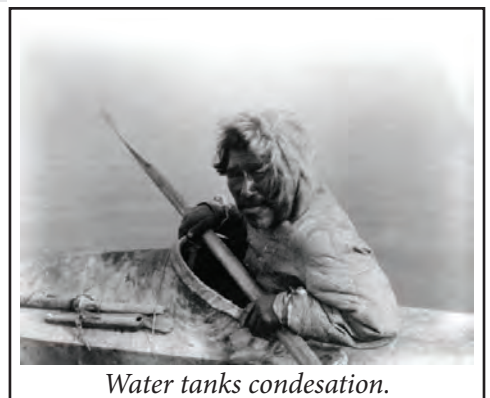
ARTS&LIT

By William Thomas • Photos by William Thomas

Anyone who has paddled a kayak on the Salish Sea knows that moment when the first cedar-garbed paddlers to hopscotch down North America's west coast suddenly loom close ahead, gliding out of ancient mists.

I felt their presence often while paddling my 16' Chesapeake Light Craft around Hornby and Denman. Each time, my kinship with those first B.C. seafarers was renewed.

What spooked me was not these cordial ghosts, but Chimera's round-bottom and her propensity to roll like a frisky sealion. Until I realized that her gimble gait was superbly seaworthy.



Water tanks condensation.

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"The Song of the Paddle," Bill Mason called this water-yoga. When he wasn't painting it. Standing on the shoulders of paddling giants, indeed...

British Columbia's earliest inhabited shorelines mostly lie dozens of sea-miles further west beneath thawed glacial waters.

But around 13,000 years ago, on Calvert Island off the Central Coast, three sets of people – including, apparently, a child – walked the beach in a protected cove. Their Laetoli-like footprints were recently unearthed above a tideline three-meters lower back then.

On Triquet Island, preserved beneath soil and peat, the charred remains of an ancient hearth have been carbon-dated to a moment three-times older than the Great Pyramid. Finely-crafted fish hooks, a hand-drill for igniting fires, a wooden atlatl for launching spears, a polished pendant and cache of stone tools mark vibrant village life 14,000 years past.

"It reaffirms a lot of the history that our people have been talking about for thousands of years," says William Housty. "To think about how these



Daybreak off Lasqueti Island.

stories survived all of that, only to be supported by this archaeological evidence is just amazing."

Housty's Heiltsuk oral tradition "tells of a coastal strip of land that did not freeze during the ice age, making it a place of refuge for early inhabitants of the territory," relays Brigit Katz for Smithsonian Magazine.

Imagine everyone's surprise when Capt. Juan Hernández of the frigate Santiago, and her crew of 86, came ashore to trade with the then-thriving Nootka, Coast Salish, and Kwak'waka-speaking civilizations in 1774.

Waterborne coastal civilizations.

"What this is doing is just changing our idea of the way in which North America was first peopled," exclaims U. Vic. PhD candidate, Alisha Gauvreau.

Not overland through an ice-locked continental interior.

... continued on Page 7 ...

Denman WORKS Economic Enhancement Society **Grant Facilitation Contract**

Denman Works is looking to promote grant research for the facilitation of projects on Denman and Hornby. For this purpose, we are offering a contract of \$2000 for a Grant Facilitator. They will conduct research requests using a robust grant database, Grant Advance to which Denman Works has subscribed.

- *Contract duration is one year or on fulfillment of a search quota, whichever occurs first.*
- *The contract is for search Requests only. Grant writing is excluded but may be offered as a service by the Grant Facilitator on their own account.*
- *The applicant must have a real interest in helping others research grants and be willing to actively promote the service to others.*
- *Denman Works will provide some advertising support.*
- *The Board will work actively with the Grant Facilitator to locate grant research prospects.*
- *Training will be provided; no acquaintance with Grant Advance is required.*
- *Research may be conducted from home or wherever the grant facilitator chooses to work. Denman Works office will also be available on Thursdays.*

Please submit a brief resume of relevant experience to denmanresource@gmail.com with subject line "Grant Facilitator Contract". Hard copy resumes may be left at Abraxas Free Post under Denman Works.

Call Denman Works at 250-335-0827 with any questions. All calls will be auto-forwarded to Tony Gregson, Chair, Denman Works.

The deadline for resumes is Friday, February 28th, 2020

Denman Works looks forward to hearing from you.

Denman WORKS Economic Enhancement Society

**Applications are invited for
2020 Community Project Grants**

Applications with eligibility criteria are available on-line at
denmanworks.wordpress.com/community-project-grants.

Hard copies will also be left at Abraxas Free Post under Denman Works

Phone: 250-335-0287
Deadline is March 31st, 2020

... continued from Page 6 ...

By boat.

Travelling in umiaks and long-prowed baidarkas fashioned from sealskins sewn over whalebone ribs, these first migrants followed the “kelp highway” from Japan, coast-hopping Beringia across to Alaska before heading down to southern California’s hospitable Channel islands, where the remains of a Jomon seafarer unearthed on Santa Rosa are at least 13,000 years old.

By then, earlier beachcombers had been gathering shellfish on an island off the Chilean coast for some 1,800 years.

Over on the east coast, ice-age nomads pursuing game across the frozen North Atlantic had long-since arrived. During their 1,500-mile trek, they’d butchered and barbecued great auk with high-tech, European-style stone tools dating between 19,000 and 26,000 years ago. One recovered knife was knapped from French flint.

Reckoned on these timescales, modern Europeans parachuted onto Canada’s coasts about 20-minutes ago. And we’ve been busy – some might say, too busy – ever since.

Happily, the remedy for all this frenetic activity remains as close as a paddle and a boat.

willthomsonline.net

SOURCES

Guardian Feb. 28, 2012

Smithsonian Magazine Apr. 5, 2017

britishcolumbia.com

heritageofjapan.wordpress.com

Telegraph March 28, 2018

... continued from Page 4 ...

finbacks (the second largest living creature after the Blue Whale) and gray whales have all returned in growing numbers due to the longstanding ban on hunting. All good but he was disturbed by notions of proposed a cull because of the supposed threat of seals and sealions to salmon and herring stocks. It reminded him of a Norwegian cull of over 700 killer whales in a misguided attempt to rescue the herring fishery - which collapsed regardless. Would you end up with a seal restoration project in order to restore those orcas who feed on little else? The point is that all these predators are in competition with each other depending on numbers and prey abundance. The return of the whales is restoring the historic complexity of the Salish Sea ecology about which there is much to be understood. But in general, as Grayson pointed out, the more diversity at the buffet, the better for everybody’s survival.

He also pointed out the difficulty of measuring wildlife watching as an industry. Unlike going to a Sea Hawks game, you can’t measure economic impact in tickets and beers. That’s because people like birdwatchers are quietly out there, not easy to find. But wildlife watching is a way of transferring money from urban to less populous places, and in Washington State is estimated to generate \$2 billion a year.

Vanessa McMartin talked about the relationship of chinook to herring, outlining the current state of research. Herring abundance has fluctuated tremendously since DFO started keeping track in 1951. There was a major crash in the 1960’s during which the fishery was closed, but right now, DFO thinks herring abundance is not too far off 1951. McMartin had two observations about this.



*Robin de Lavis - Poly Chiffon Scarf
created especially for Herringfest*

First, we do not have a lot of data going back much more than fifty years which reflects industrial fishing. But you must remember that industrial fishing has been going on since the 1880’s, that there are whole decades unaccount

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ed for, with mainly archaeological and cultural knowledge for pre-contact times. Beware the illusions of shifting perspective.

Secondly, DFO's macro scale is very different from the local scale. McMartin displayed a time-delayed chart of spawns known to have taken place in bays, inlets and along shorelines for at least three-years running. We watched in sad dismay as the blue dots vanished along most of the mainland coast and southern Vancouver Island. It is now very rare to see consistent spawning south of Nanaimo.

Worse, the loss of these resident spawns also represents a loss of diversity, weakening the resilience of the herring stock. Pauli had earlier pointed out that herring, like salmon, are imprinted at birth with their spawning location, creating stocklets. Once wiped out, a resident spawn will only rebuild with individuals who have a genetic error and come to the location by mistake (though it was also later pointed out that first nations could replenish stock from eggs transferred to another site).

McMartin questioned the idea, as result of genetic studies done in 2000, that the Salish Sea herring population migrates unpredictably between different locations and that there is not much genetic differentiation. It's a "human construct" contradicted by management policy in Puget Sound where 21 subpopulations are monitored without evidence of much recruitment between them.

There are puzzles everywhere in Salish eco system. One of them is the greatly weakened chinook populations. A decline in abundance between 1998 and 2010 overlapped with a doubling of chinook smolts from the 1970's to the 1990s, both hatchery and wild. "There is something going on between the smolt and adult life stage." Half of southern BC's populations are threatened or of special concern. The population of Puget Sound are in the same state. It seems to be largely a question of



Ann Ngan - Orca

... continued on Page 9 ...



Emergency Evacuation Guidelines

Comox Valley Regional District (CVRD) Emergency Program Public Meeting
The CVRD's Emergency Program is hosting a public meeting to introduce the Denman Island Evacuation Guidelines:

Sunday, March 29 from 2:30 – 4:30 pm
Denman Island Community Hall, 1196 Northwest Road

A number of first response agencies will be in attendance including the RCMP, Search & Rescue, and Denman Island Fire & Rescue. There will be a presentation followed by an opportunity to answer your questions.

For more information,
Email: cvep@shaw.ca or
Call: 250-334-8890

 **Comox Valley**
REGIONAL DISTRICT
comoxvalleyrd.ca   

Denman WORKS Economic Enhancement Society

NOTICE OF Annual General Meeting

Sunday, March 22nd 2020
7:00 PM
The Lounge,
Denman Activity Centre

Denman Works is required to hold its AGM within three months of its year-end, Dec 31st.

DW is funded by the CVRD with your tax dollars. everyone is invited to hear how we did in 2019 and give us your input on plans and ideas.

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what there is to eat.

McMartin described two chinook populations. The ocean-type migrate from streams in the first few months of life, hang around as fry and smolts in estuaries, enter the deeper waters of the Salish, and eventually move out onto the continental shelf of Vancouver Island and Washington, where they grow to adults, though some stay put in the Salish. Stream-type don't leave freshwater for a year, growing much bigger. When they hit the Salish, they spend only a couple of months before they head out into the North Pacific. These chinooks seem to come mainly from the upper Fraser where all their populations are currently endangered.

Whether and how well chinook get through the juvenile bottleneck depends on what they can eat. The bigger you can get, the better your chances. That is partly a question of gape limitations. The ocean-type chinooks have smaller mouths when they reach the Salish, and it's some time before they can move up from micro prey like amphipods to juvenile herring. The stream-type chinook, being bigger, can start eating juvenile herring right away.

But what about the food supply? There is suspected competition between young chinook and herring who eat the same micro prey. Herring can be far more numerous, and potentially leave only the Twinkies in the fridge. Seals also compete with chinook for herring, besides also eating them, though an abundance of herring can also take the pressure off the chinook.

Chinook are generalists whose diet varies over the season - squid in Barkley Sound, anchovies in Howe Sound, lots of sand lance, and in the northern Salish, resident herring who are thought to have become more abundant in recent years for reasons unknown. There is a project to collect the stomach contents from recreationally-caught chinook to find out just what adults are eating. Even so, in the big picture of a chinook's life, there's no doubt that herring, as the most abundant forage fish in the Salish, is their most important food (though not, we must add, for the returning stream-type, who appear suddenly and make a mad rush for their spawning streams, travelling on empty stomachs).

At the end of this rather rigorous day, I realized that all this information is intended to be a celebration of the life around us, in all its complexity. But the alarming resemblance of nature to human politics was striking: it all depends on who wants what, when, where and how much, given that things are always changing. Underlying the reliance and reverence for scientific information is the technocratic belief that scientists should be left to make really sensible decisions. But nature seems to present ever more questions, whereas politics seeks to draw a line under reality, to cut the world down to size - our size, to a manageable perspective, however shifting. No matter how morally absolute, even Armageddon has its politics.



Suicide
by Thomas Provençal

*How would you like your suicide?
Let's say in small doses;
Little bits of poison
We are pumping through our
hoses. Catastrophe accumulating,
Culminating in chaos! Ignominiously
ignorant
With degenerating ethos,
People bitch about the price
Of gasoline and diesel
Then climb aboard a jet plane
Where they may contract the
measles.*

ADVERTISING RATES

Prices include taxes

INSERTS/HANDBILLS

\$63/Island

Please contact us to find out
how many you should print.

- or -

we can print it:

\$7/100 (letter-sized - one-side)

\$12/100 (letter-sized - two-side)

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1 week • **\$8.40**

Discounts available for
running more than 1 week
30 words or less.

\$4.20/week for each
additional 30 words

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6 weeks • **\$28.00** (\$4.66/wk)

12 weeks • **\$50.38** (\$4.20/wk)

25 weeks • **\$90.96** (\$3.64/wk)

50 weeks • **\$147.26** (\$2.95/wk)

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Advertise your event
with an article.

\$34.99

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graphic/photo.

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Front Page

• **\$21.00/1x1**

Inside

• **\$18.20/1x1**

Discounts available
for placing ads for
multiple weeks.

DEADLINES

Deadline for ALL

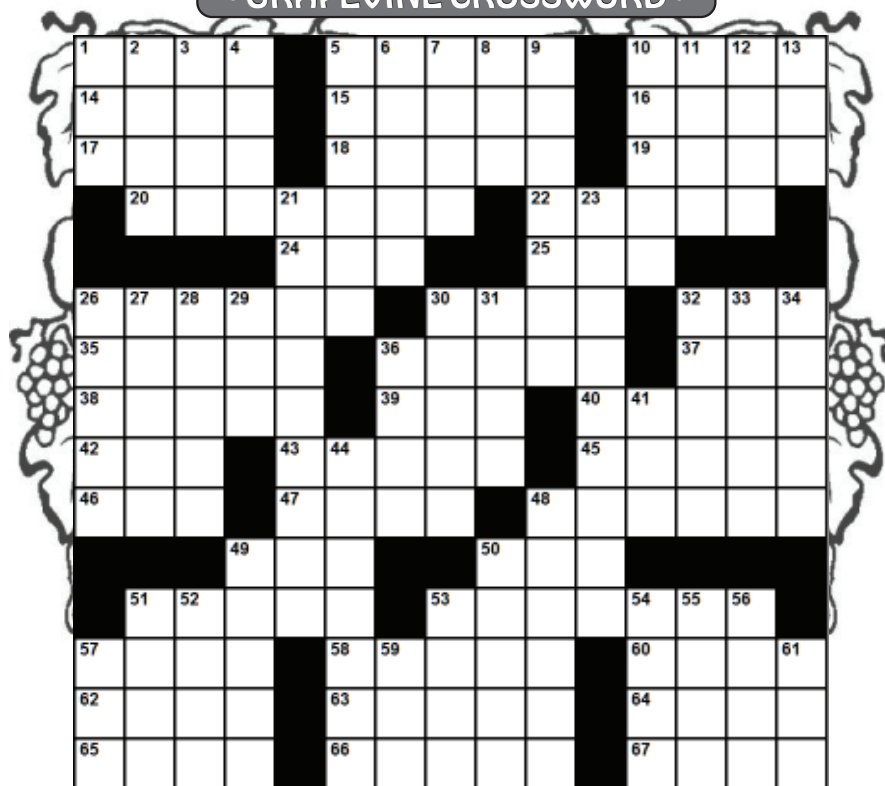
submissions is

every Monday at Midnight.

Please contact us for more
information.

theislandgrapevine@gmail.com
250-335-9188

• GRAPEVINE CROSSWORD •



• ACROSS •

1. Atlas dot
5. Frame for roses
10. Antarctic explorer
14. Brown meat
15. Condo luxury
16. Feast on Oahu
17. Big glob
18. Ballet company
19. As a result
20. Tears into
22. Full of wrath
24. Answers for Nanette
25. Above, in poems
26. Commotion
30. Cup on a green
32. Cramp
35. Light pancakes
36. Hydrophobic
37. Cultural collection
38. European blackbird
39. Appreciation for beauty
40. Pig noises
42. Answer on Jeopardy
43. Like some water
45. Many of synonyms

46. Biblical possessive
47. At some other time
48. Disregard
49. Barnyard tyke
50. Chromosome letters
51. Virile
53. Fox series
57. Exposed
58. Habituate
60. Frightful
62. Money of Cambodia
63. Rock bottom
64. Approximation words
65. Type of thermometer
66. Birds that honk
67. Bird food

• DOWN •

1. Belief, in brief
2. Authenticate
3. Emit amplified light
4. Formerly, once
5. Make inquiry about
6. Banisters
7. Hide, as treasure
8. John's Yoko
9. Stuffed pasta
10. Make fuzzy
11. Round tent
12. Be furious
13. A pair
21. Rhyme about letters
23. Harmonium
26. Das Boot craft
27. Luxuriant
28. Hazardous
29. Indivisible
30. Composer Franz Joseph
31. Be loyal to
32. Ballroom specialty
33. Ink sponge
34. Immobile class
36. Perform again
41. Atom fragment
44. Ageless
48. Fit into
49. Sound at sundown
50. Day or Duke
51. Large conduit
52. 2-D measure
53. Hardy hero
54. Some combos
55. Bugbear
56. Alternative word
57. Bandeau, for short
59. Denial in Glasgow
61. Biblical meaning "The Active Hand"

Mr. Stofer

www.stofergallery.com



He hovered over send

Looking to the Night's Sky

PANSPERMIA VINDICATED VIA PROTEIN?

The hypothesis that the Earth (and all life in the Universe) is the result of micro-organisms, or the building blocks for such, being strewn throughout space - riding on asteroids, meteors, comets, or other objects - is called Panspermia. When one of these objects impacts a planet or moon the ingredients within is released to spread and evolve. Two meteorites have recently been found harbouring proteins . . . an ingredient for life. The Allende and Acfer 086 meteorites were being studied by a team from Harvard, PLEX Corp. and Bruker Scientific.

www.youtube.com/watch?v=uF2K9ytwRQE&t=305s

Until next week . . .
Keep Looking to the Night's Sky

• LAST WEEK'S ANSWERS •

S	P	A	S	M	S	E	W	S	D	A	C	E
K	A	P	P	A	T	R	A	Y	I	V	A	N
A	R	E	A	S	E	A	R	N	L	I	N	G
T	A	X	A	R	M	H	O	W	E	V	E	R
L	I	E	S	O	D	O	M					
G	A	G	A	A	W	O	L	O	M	B	R	E
E	P	I	C	S	A	M	A	Z	A	L	E	A
E	R	R	M	O	D	E	S	T	Y	O	P	T
S	O	D	D	E	N	D	O	E	C	O	R	E
E	N	S	U	E	T	A	L	A	U	P	O	N
S	T	O	R	Y	S	O	D					
T	O	O	T	S	I	E	E	E	L	E	S	S
B	A	B	U	L	A	O	S	I	R	A	T	E
S	H	I	P	E	T	A	S	V	O	C	A	L
P	U	T	S	D	Y	K	E	E	T	H	Y	L



• CLASSIFIED ADS •



• CARPOOLING

RIDE OFFERED to Nanaimo Mondays and Thursdays. Departure and arrival times vary. Phone Max 335-0364.

HAVE ROOM FOR A PASSENGER? NEED A RIDE? Carpooling offers and requests are free to run in The Islands Grapevine. Contact us to place your ad today. 335-9188, theislandgrapevine@gmail.com.

• FOR SALE

SHOP SMITH MARK 5 with Magna 18" Jigsaw \$500.00 Echo Bear Cat 3" Chipper/Shredder with Briggs & Stratton 1350 Series engine \$1000.00 Phone: 250-335-3325

WAGNER FIREWOOD. FIR FIREWOOD FOR SALE. 2 cords to Denman, \$540 plus GST. Hornby \$560 plus tax. Text or call Scott at 250-334-7323

APPLIANCES FOR SALE. Ranges, washers, dryers, fridges, dishwashers, gas/electric range. All fully restored and come with a full six month warranty. Call Rick Graham 335-0954.

• SERVICES

YVONNE'S BAKING 335-0460

A PRACTICAL AND HANDY MAN • Electrical • Plumbing 40 plus years experience as an electrician. Licensed as a Master Electrician, Insured. Extensive experience renovating houses. Ty Runkle 250 702-1247

GUTTERS seamless, supply and install also repairs, for free estimate contact Kevin at 250 335 1986 or cell at 250 667 3233. Serving Denman/Hornby.

THORLACIUS TRUCKING Top soil, bark mulch, gravel and sand. Denman stockpile for smaller loads. Call Chris & Lora, 250-650-9986. thorlaciustrucking@gmail.com

MR. FIX-IT PLUMBING & All household major and small appliances. All large and small machinery. Yard machinery, chainsaws, outboards, automotive, sharpening, welding and fabricating. Call Rick Graham 335-0954.(HI) (12/20)

MAGNIFICENT TOPSOIL, Bark Mulch, all gravels, Bison compost, Treework, site clean up, fir mill end firewood, roof tear off, demolition. High grade lumber. 30 years local Entpr. Call Dave 218-9667.(DI)

• FOR RENT

PRIVATE OFFICE SPACE FOR HIRE Contact Abraxas - 335-2731 or drop in for availability & rates.

• HELP WANTED

EXCITING JOB OPPORTUNITY ON HORNBY ISLAND! The Hornby Island Daycare Society has an opening for 1 full time (32 hours per week) certified and experienced Early Childhood Educator. Our early learning centre offers two programs year-round; Group Care for 3 to 5 yr olds licensed for 15 children and an Infant Toddler program licensed for 6 children. We are open 4 days per week and almost always operate with enhanced ratio in both programs. Wages will be dependent on certification and experience. Please forward your resume and cover letter to hornbyislanddaycare@gmail.com Find out more at: www.hornbyislanddaycaresociety.org/

LOOKING FOR A BOOKKEEPER to do 3 - 4 hours/month of work for Triple Rock Land Cooperative. Previous experience reconciling bank statements required and experience with Wave Accounting preferred. Someone with 5+ years experience as a bookkeeper and wanting to bring in some extra cash would be perfect for this position. Wage \$25.00 to 30.00/hr. depending on

experience. If interested, please reply with a copy of your resume to triplerockfinances@gmail.com.

• RENTAL WANTED

YVAN, A LONGTIME DENMAN RESIDENT, seeks a rental location for himself and his tiny (10x24) home; he can provide caretaking/labour/rent; 250-792-2770

• COMMUNITY NOTICES

DI TRAILS COMMITTEE



Most of the trail maintenance on Denman Island is done by volunteers of several island committees. The DI Trails Committee does, among other things, the maintenance of trails in Boyle Point Provincial Park. Recently we have noticed that some signs at trail junctions in the park have been vandalized or removed. These signs were installed, by volunteers, to help all visitors navigate the Park in a safe manner. We, the volunteers, would appreciate your help in maintaining the trails in our Parks for all visitors.

• BUSINESS DIRECTORY •

• (H) Hornby • (D) Denman • (UB) Union Bay •
• (FB) Fanny Bay • (C) Courtenay/Comox •

• ACCOMMODATIONS & RENTALS •

- Denman Activity Centre (Seniors) Rentals 335-3027 (D/H)
- Denman Community Hall Rentals 335-9177 (D/H)
2 halls, commercial kitchen, new sound system
suitable for concerts, plays, meetings, weddings, etc.

• REAL ESTATE • INSURANCE • FINANCIAL SERVICES •

- Bente Pilgaard, RE/MAX The Islands 335-2510 (H/D)
- Cloutier Matthews LLP, Chartered Professional Accountants 338-7367 (All)
- Donna & Janessa Tuele • Royal LePage Hornby 335-1720 (D/H)
- Sylvie Schroeder • Royal LePage Denman Island 335-2551 (D/U)

• BUILDING • CONSTRUCTION •

- Aquarian Systems • Water Cisterns • Ed Hoepfner 335-2037 (D/H)
- Bobcat and Compact Excavator • Steve Isaak 335-1853 (All)
- Cal's Bobcat Services • Auger, Grapple, Rake 613-447-8873 (D/H)
- Dean's Digger - Mini Excavator & Small Haul 218-4534 (D/H)
- Denman Electric, Licensed, Fully Insured & Bonded 335-3122 (D/H)
- Excavator/Backhoe/Tandem Gravel Truck • Kenny Mather 703-6512 (All)
• John Isbister 335-2565 (D)
- Gutters Supply & Install • Kevin 667-3233/335-1986 (D/H)
- Kinetic Electric, licenced, bonded & insured 335-1741 (D/H)
- Ray Ulovec-Backhoe/Excavator, Septic Installation 335-3145 (D/H)
- Renaissance Stoneworks • natural stone/slate installation 335-0220 (D/H)
- Roc-Isle Drywall, Harvey Hodgins • 35 yrs exp. 'certified' 334-4776 (D/H)
- Seaside Electric • Licenced, Bonded & Insured 702-0570 (D/H)
- Tandem gravel truck & transfer trailer • Grant Morrison 335-0702 (D/H)
- Water Tanks and Cisterns • Steve Isaak 335-1853 (All)

• SERVICES •

- Acupuncture, Herbs • Dr. Willo Walker, Dr. TCM 335-1535 (D/H)
- Chiropractic Care on Fridays • Dr. Dawn Armstrong, DC 465-8482 (D)
- Denman Works! • Tony Gregson 250-335-0287 denmanresource@gmail.com (D)
- House Cleaning & Massage • Ruth Kirwin 250-650-3132/250-335-0822 (D)
- Massage Clinic • 2796 Northwest Rd. • Leah Kelly 335-2584 (D)
- Peter T. Mason • Land Surveying 757-8788 (All)
- Physiotherapy & Acupuncture • Carmen B-Gautrais RPT, RTCMP
335-2260 (D/H)
- Tree Service - Darian Chase • Arborist 218-0404 (All)
- Tops n Toes • Mobile Haircuts & Footcare • Sandy Shaffer 778-585-9356 (D)
- Trueview Treecare, seniors' discount • Wildbill 898-7246 (D/H)
- Yoga Classes, Holistic Massage, 30 years exp. • Fiona Walker 335-1535 (D/H)

APRIL CALENDAR

DEADLINE IS
FRIDAY MARCH 20TH

theislandsgrapevine@gmail.com
250-335-9188



NOTICE

Check out The Islands
Grapevine on the web
• theislandsgrapevine.com •

to keep up to date and check out any extras that
didn't make it into the printed copy.

THE COMING WEEK'S EVENTS

DENMAN ISLAND (DI) HORNBY ISLAND (HI)

THURSDAY 12

FRIDAY 13

- MARK CRISSINGER & GERRY BARNHUM concert 7pm •
Guesthouse (DI)
- BAROQUE RECITAL concert 7:30pm • Community Hall (DI)

SATURDAY 14

- SEEDY SATURDAY • Heron Rocks Friendship Centre (HI)

SUNDAY 15

MONDAY 16

- QUILTER'S GUILD mini-retreat & potluck 9:30am •
United Church (DI)
- DSMS meeting 9am • DAC (DI)

TUESDAY 17

ST. PATRICK'S DAY

WEDNESDAY 18

- MEDITATION AT THE YURT 7pm • The Hermitage (DI)
- GLID AGM 7:30pm • DAC (DI)
- DI SPECIAL LOCAL TRUST meeting & info. 5:30pm •
Back Hall (DI)

THURSDAY 19

DO YOU WANT TO KNOW WHAT'S HAPPENING
ON DENMAN OR HORNBY REGARDLESS OF
WHERE YOU ARE?

- WHEN IS THE NEXT CONCERT AT THE COMMUNITY HALL? •
- WHEN IS THE NEXT GATHERING OF NIA ENTHUSIASTS? •
- IS THE HIRRA MEETING AT 7 OR 7:30? •
- IS PICKLEBALL STILL HAPPENING ON MONDAYS? •
- IS CATHOLIC MASS STILL HAPPENING THIS SUNDAY? •

CHECK OUT THE DETAILED
EVENTS CALENDAR AT
theislandsgrapevine.com

ARE YOU PUTTING ON AN EVENT OR HOSTING WORKSHOP OR
PROMOTING A CONCERT? CONTACT theislandsgrapevine@gmail.com WITH
THE DETAILS SO WE CAN LIST IT ON OUR EVENTS CALENDAR!!