



# BARNACLE



Fall Issue

(will grow on you)

OCT. 88



## More on Farms

UPDATE

Thoughts on fish farming by John Keays

Some good news, and some not so good, as opinions on fish-farming modify themselves. Someone willing to take the 2000 plastic bags I've been storing rather than take to the dump has been located. If this works out all of the plastic bags from all of the farms should be collected and recycled - for example into floats, and perhaps some of you also use plastics. I'll let you know if it works.

The first crop of fish was healthy, and I used no drugs and no anti-foulant. Of about 3000 fish, one had a lesion on the body and one had an infected kidney but the rest were healthy. Beautiful animals.

Therefore the use of drugs is as stupid as I suspected. Keep stocking densities below 3 kilograms per cubic meter and if the site is well flushed and the sick fish removed on a continuous basis, with luck the drugs won't be necessary. (It's hard even for the gods to help someone with no luck, I'm told).

The use of the drugs on fish farms is dangerous as well as unnecessary. Like the use of anti-foulants on the nets, the use of wide spectrum anti-biotics in the ocean will carry impacts into the future by way of natural selection. Three species of *Vibrio*, one of the main diseases of salmon, are contained naturally in the oysters locally and cause stomach problems in people. In one case the species of the *Vibrio* is 'cholerae'. It has already been proved with syphilis, for example, that it is possible to select for a drug resistant bacteria and the Hitra disease which is so damaging to the Norwegian fish farms is a drug-resistant form of *Vibrio*. To select for drug resistant cholera, even the possibility of drug resistant cholera, seem to me to be rather typically short-sighted.

cont. page 3



## 1000 mi.

The 1000 Mile Bicycle Journey from Lund, BC to Crescent City, California, or How I Added Three Inches to my Thighs in 16 Days by Steve Ervington

Bicycle touring conjured up images of pedalling serenely thru the countryside or, depending on your fitness level, images of sore, aching muscles. On our trip to California this summer the imagery became real experiences, both ways. Lucien (my son) and three of his old friends Seth Worthen, Keath Behr, Ben Burnett and I made up the group that would tour the Pacific Coast. I had some reservations about the distance we would cover and everyone's safety considering that all the boys were only 18 years old. As it turned out they performed fantastically. Lucien, Keath, Ben and I had taken a small trip to Quadra and Cortez Islands the previous summer and demonstrated that we could handle the road under the worst circumstances (The Island Highway). Basically, I took a chance on the boys keeping up and being safe. They all proved to be strong riders, and we rode several 80-mile days. We started out from the Breakwater Inn at 7:30 AM on August 7, with fearful parents waving their (last? guip) good-byes.

Photo Collage

Pages 6 & 7

## Waste Management

Regional Board by Court Cressy

By now all the Regional District Taxpayers must be aware of the Waste Management Committee recommendation of incineration with some recycling and ash landfill, for the districts garbage. I want everyone in Area "A" to know that I voted against the incineration option as did four other committee members. Our choice was and still is major recycling with a small sanitary landfill.

Recycling has come of age, the technology is in place, and it is the only sensible option for disposal of household refuse while incineration becomes more and more questionable as a safe disposal method. The incinerator advocates talk about recycling but municipalities with incinerators will be unlikely to promote sophisticated recycling programs that remove plastics, organic wastes and all types of paper. Even minor recycling efforts can threaten the viability of incineration. Not only does incineration cost millions more, it commits a community to one approach - with an incinerator in operation, the garbage situation looks as though it has been solved - "Not only is garbage incineration in itself inefficient, but burning garbage represents a loss of all the energy needed to create the materials in the first place". If energy conservation is a consideration, than waste should be recycled. But the choice to incinerate or recycle will not be on the ballot when this finally comes to referendum. The ballot will probably be a Yes-No vote for the Regional District to borrow money. If this is the case, a 'Yes' vote means that you agree that incineration should be the main method of disposing of garbage; a 'No' vote means you don't.

cont. page 8

cont. page 5

# Editor

The "Name the Lund Paper" contest provided us with a few good laughs over the summer, and the final decision was reached just before our printing date. We would like to thank all those who entered and congratulate Dan Mooney, the winner. Dan receives a \$50 gift certificate redeemable at any Lund business.

Not long ago I took a stroll with my family down to the Lund Days festivities, a nice day, a nice idea...and a lot of good people doing a lot of hard time-consuming volunteer work in the hopes of bringing to our community a day of family fun. To the people who did the work, you did a wonderful job...the kids games, the pie-throw, the tea and bake sale...were all great.

It is the unfortunate truth, however, that the latter part of the day degenerated into a sort of drunken free-for-all, thus casting a blight on the entire day and confirming a longstanding, negative attitude held by many about Lund, the Community and the people.

The combination of a rowdy, overcrowded beer-garden and the disgusting behaviour of a group of Lund Hotel Patrons (who for some reason were allowed by the Management to carouse to extremes in the upper veranda area) was enough to dampen the spirit of even this most loyal Lundite. Too bad it had to happen, but at least it's not Vancouver gang wars. When you read a paper or watch the T.V. News these days it certainly makes you grateful to be living in a place like Lund, where such behaviour hopefully remains rare.

Some of you will be familiar with a proposal from the Regional Board called the Lund Settlement Plan. Zoning and general regulations effect everyone. No doubt every resident in the area has his or her ideal of the community they would like to see develop here in

Lund. Develop it will, and perhaps the concerns of a developing community are best looked after by the community itself before these concerns become problems, such as we have already seen with a mixture of commercial and residential properties close to downtown Lund.

Many of us moved to this area because of the freedom allowed by lack of by-laws with regard to home-business, building codes etc.. Nonetheless, there are very real problems...septic-fields and drinking water, to name only two. The idea of Lund forming itself into a Village has been debated in the past. For one reason or another the idea was vetoed. Perhaps the time is ripe again for some discussion on this area. Do we want to govern ourselves, or leave governing, for better or worse, to the powers that be? Someone at the last meeting between Lund and the Regional Board pointed out that Lund, with its beautiful scenery and available acreage, is a veritable magnet for outside business interest that, in coming, may change the way things have been around here in a way not to everyone's liking, to say the least.

*Bill Smith*

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# Water Works

Lund Waterwork has Plans  
by Joanne Suche

In an attempt to protect the Watershed, the Lund Waterworks District is hoping to purchase approximately 127 acres of D.L. 1613, land which surround Lund Lake. Application has been made to Victoria for approval of this proposal, and the Ministry of Municipal Affairs has indicated that they are in support of the project.

The property is to be purchased from Henry, Samson Belair Ltd., Receivers, for the negotiated price of \$60,000. Approved interim financing will be used until the LWD receives a debenture from Victoria. The payments will be financed by increases in the yearly bills to users. All unoccupied properties on the system, as well as those properties easily serviced, will be billed yearly with funds going towards the mortgage payment.

As part of the package, the Receivers will also give the LWD title to the lot that the Lund Community Club Hall occupies. It is hoped that the Club will relocate onto the new property, building a new hall, with playing fields, parking, and possibly a new school adjacent. (A LCC committee is presently studying this proposal.) When and if the club moves, the Waterboard will sell the land the hall now occupies, and use these funds to reduce the mortgage.

A special public information meeting will be held on Wednesday, October 19, at 7:30 PM at Lund Hall. All Lund water users and those who own property serviced by the Lund Water system are urged to attend. A vote will be taken at this meeting, with the results being used to decide whether or not the property will be purchased. All eligible voters will receive a letter giving details of the proposal. Further information may be obtained by contacting trustees Don Ford, Steve Suche or Karl Larson.



## farms (pg 1) cont.

Ah well, if the genes no longer work, make new ones, or just don't believe in evolution or at least don't worry about it for the 10 years it will take for the research to prove the obvious fact that there is going to be a build-up of heavy metals where they are used as anti-foulants on nets (including copper) and that drug-resistant forms of bacteria occur. We can always put our head in the sands of a hope for a cure from science.

With respect to other wildlife, the pens are high enough that otter in the area can't get up onto them. Most of the pen systems I've seen are created so the otter can easily get onto and into them, and I'm delighted to find the government willing to prosecute the fish-farmer who shot otter last summer though he, like the person using tributyl tin in Nanoose Bay, was once a friend of mine. A blue heron died in the pens this year - I still don't know how or why as it wasn't tangled in webbing, but but it is the second that has died on a fish farm that I'm aware of. At least 5 cod were caught in an anti-predator net around the pens and died needlessly - I'm not using such a large mesh size now but I still don't know how the heron died and can do nothing. Life under the pens has died and although I suspect I overfed the fish at times the only thing I can think of is to write off this life, tarp it, and collect the waste that falls.

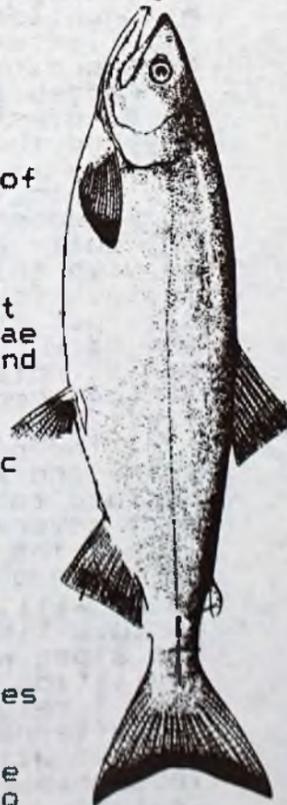
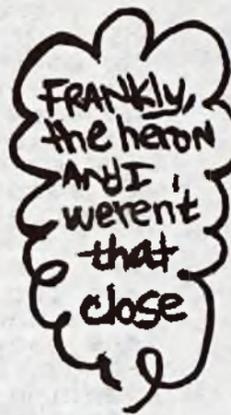
The nets stank when I pulled them and was forced to let them sit around for a week in the sun before getting them washed, and this can be solved by getting them into a washing machine as soon as they are pulled. There is an oily material created on the surface of the water and I still don't

know how it can be dealt with. It is most noticeable when I'm using moist feed with young fish but it is there all year.

It is still the opinion of the provincial government that there is no environmental problem from mariculture so there's little point asking for legislation. Three fish farms have been taken out of an area near Cortes Island, I understand, because they polluted the bay where they were located. The saving grace of the industry may be that in areas which are not good sites the destruction occurs quickly.

Mussels and oysters hung on or near the pens seem to grow well with good survival, and I'm trying to work out a way to get sea-weeds. None of these are yet economical but solutions to some of the problems associated with fish-farming lie in growing as many different things as possible. Algae will use the nitrogen, and for some part of their life the filter feeders can help keep the water free of algae and organic material, including fish waste.

Or maybe the 'solutions' just lie and farming fish is a likely way to make money in the short run, while manipulating and destroying other resources of the planet. There's lots of ways to justify galling stupidity to make more money (a killing, so called). Perhaps rearing salmon in pens is not very intelligent, especially in the Gulf of Georgia, but with or without the pipeline, better rear life that demands clean water than look at oil-rigs ... and better me than them since you can travel with me too ... and it is interesting (if somewhat more demanding than is desirable for one unable to forget the heron, once a friend of mine...).



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# Fiction *a short dog-tale...*

Excerpt from McGillicuddy and Me, by Dan Mooney

McGillicuddy (Gill for short), a Dalmation, was a curious mixture of servile lap dog and potential killer.

My sister had no children and babied him to the point of embarrassment. How many thousands she spent on vet bills I would be ashamed to disclose but it was a scandalous amount.

I don't know if it was courage or stupidity but Gill never did learn to keep clear of the business end of a porcupine. He would accompany me on my cross country ski runs to get exercise and no matter what size, breed or age of dog he would encounter he would, without so much as a cursory sniff at its nether parts, immediately launch himself into a no-holds-barred frontal assault. Fortunately the unexpectedness and degree of ferocity of the initial confrontation was enough to send the opponent yelping off down the road in search of home and hearth and the iodine bottle.

One day, however, whether from poor eyesight or his habit of dozing off during the National, he had the misfortune to inflict himself on a pit-bull and before I could separate them with my ski-pole, Gill made for home looking, as Sean later and crudely phrased it, "Like something had tried to tear him a new asshole". I had to wield the iodine bottle that night and nearly lost three fingers for my pains.

My sister never seemed to accept the fact that her darling pet was a menace to society. One day he shot down the road in hot pursuit of the neighbours' daughters girls who were waiting for the school bus. By the time I arrived on the scene the poor little girls were clinging to each other, tears streaming down their faces, absolutely paralyzed with fear while the dog snarled and nipped at their ankles. Discussing the incident later my sister Mauve replied, "Gill would never have bitten them." Case closed.

Another time we stopped for gas and when the attendant stepped near the open window for instructions he exclaimed "My, what a beautiful dog!". Without warning the 'beautiful dog' lunged for him, clamping his teeth over the young man's face, bringing forth a flow of blood from his nose and an unprintable stream of epithets from his mouth. Mauve claimed that this was a natural response in a breed

trained to protect private property and refused to discuss it again.

Fortunately the bleeding attendant did not sue me. On cold winter nights Gill and I would huddle around the wood heater watching t.v. or reading. Every few minutes he would, whether from poor digestion, poor dog food, poor manners or a combination of all three 'break wind' as they say in polite circles, until the air quality was reminiscent of a municipal landfill site. At 20 degrees below I just couldn't leave him outside and when I tried shutting him up in the basement he whined so loud and scratched the door till I couldn't stand it and had to let him in again.

At least once a night I would be woken up by his pawing at the back door and would have to get up in the cold house to let him out to do his thing. He never ventured more than five feet from the doorway so in the morning I would have to remove the frozen offerings in order to maintain a semblance of propriety.

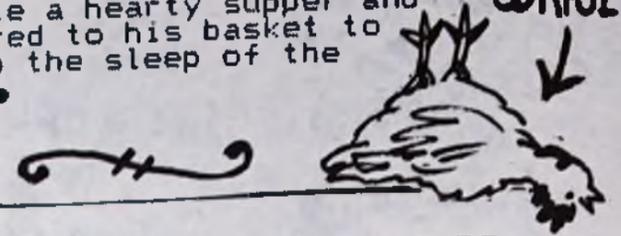
One day one of Mauve's hens died. She was inordinately fond of this particular hen which she had dubbed Henny Penny, confiding in me her feeling that there was something 'almost noble' about her. Mauve regularly sent pictures of the inside of the coop to our mother in which Henny Penny figured prominently. My other sisters sent photos of the grandchildren.

I found Henny Penny one morning completely submerged in the thick layer of straw that covered the floor of the coop as if she had been trying to tunnel her way to freedom a la Stalag 17. Not quite knowing what to do with this noble corpse I stuck it in a plastic bag, put in on a shelf in the back porch and made a mental note to drop it off at the dump on my next visit.

The next day was sunny and warm and I decided to go skiing at a spot several miles away. I left the porch door ajar so the dog could come and go at will, having learned by this time that to bring him along was an invitation to disaster. When I returned late in the afternoon I was greeted with a scene of indescribable carnage. Feathers, bones, bits of feet, neck and giblets littered every square inch of the porch and had spilled over the sill onto the sidewalk where a light breeze was scattering it over the snowbanks along the driveway. Quite obviously proud of himself, Gill was standing in the middle of this devastation, tail wagging and the remains of a drumstick clutched firmly in his teeth. I made a fervent prayer that

whatever hideous disease had recently effected the transmigration of Henny Penny, would soon effect the demise of the dog as well, but no such luck. He ate a hearty supper and retired to his basket to sleep the sleep of the just.

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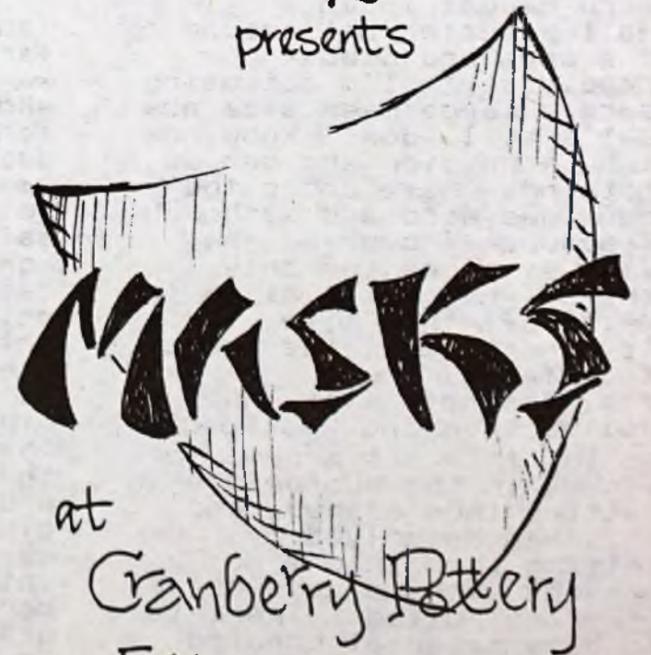
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# OKEOVER

## Summer Report

Summer Report from Okeover by Selina Smith

Perhaps it's time now that summer is over and everyone is back to their fall and winter pursuits to reminisce...

It's nice to see Nancy Crowther out and about these days. She's had her hands full with cougar problems this summer. She reports that she has lost several baby goats to a big cat. Various Okeover residents have had encounters (real and imagined) with the animal. However, our appeal seems to have worn thin as it has not been around recently.

The fledgling Okeover Lots of K running club was active this season. We weren't quite up to S-Bend standards - we did see them disappearing into the distance up Malaspina Road at times. We do, however, consider the recent daily bike-training (Okeover to town!) to be giving them an unfair advantage over us fair weather athletes.

THE event of the summer at Okeover was the Bradley-Giles wedding. The weather co-operated and, despite the hordes of hungry photographers, Cora did NOT fall out of the boat. The newlyweds also waited till dark to leave the reception so no one got a picture of the brides' going-away outfit... unconventional to say the least.

There have been Cummings (sic) and goings at the Fenrose Bay Marina. Stan and Daisy Ross have been kept busy with all their regular year-round customers as well as with tourist boats this summer. The provincial park was also very busy all summer. We locals didn't think it was possible to fit so many recreation vehicles into one small area. Could it be due to the new fancy blue and white signs? A cynic among us noted that the old signs were fine and the distances are still wrong. Seems that government make-work projects are alive and well. John Butlers' computerized sign did not stop forty-foot long RV's from attempting to negotiate Crowther Road but sure kept his driveway in constant use as a turn-around.

The damper-than-usual summer allayed local residents' fears about fires but we were not too happy to see the extra firepits back in the wooded area of the campsite. One careless action could put all our homes at risk whilst the campers drive merrily away.

Youtah Hein has taken over as wharfinger at the Government dock -

obviously the restaurant doesn't keep her busy enough!! And next time you're in the area take a look over the fence at what she has accomplished in the garden outside the restaurant. Another 20 years, she says, and the whole area will be landscaped. As some of us look at our own property we wish we could be so optimistic, or so industrious.



### BIKE TRIP... CONT. (Pg. 1)

The boys were oblivious to what lay ahead - one of the advantages they held throughout the trip. I had done a 400 mile trip many years earlier so I already had visions of sore muscles, saddle sores and dangerous vehicles. Because our goodbyes were soooo long we had to high-tail it to the Comox Ferry. I think the boys thought the whole trip would be at late-for-the-ferry pace. Fortunately we made the ferry with 10 minutes to spare and had a wonderful rest going across. (I'm not going to do a day by day travelogue in case you're ready to go to the next article).

Our trip took us down the Island, across to Saltspring, to the Saanich Peninsula and on to Victoria. We crossed over to Fort Angeles and rode the west side of the Olympic Peninsula to Long Beach, Washington. This part of the journey took 7 days and we covered nearly 450 miles.

Bicycles are much like horses except you don't have to feed them. However if you like to eat I would recommend cycle touring. We were hungry all the time, and I'm sure

we boosted 7-11 Convenience Store stocks during the three weeks on the road. You can also pack just about anything on a bike as long as you're willing to provide the muscle power to pull it. I packed a large teflon fry pan and a nine-quart sauce pan plus propane stove, bicycle books, raingear, clothes, tools, food, sleeping bag etc.. You can imagine our envy at seeing cyclists on package tours with no gear, riding to have dinner while hotels await them for evening. We took the macho tack and tried to impress all those pansies with our load carrying abilities! The boys primary interest on the trip was covering the maximum possible distance in one day and when the next food or drink stop would be.

The Oregon Coast was the highlight of the trip with endless views of surf and rocky headlands, and miles of pristine beaches. The state of Oregon has a terrific campground system, making our accommodations almost luxurious. I had hot showers every morning!

The boys will always remember their trip as a true adventure. California is a very distant idea when you're starting out from Lund. When we crossed the California border they passed the unstoppable barrier ...I'm sure if time had allowed we would have been in Tijuana, Mexico two weeks later.

For anyone interested in taking part or all of this trip I recommend a book titled "Bicycling the West Coast" by Tom Kirkendale and Vicky Spring. It is an excellent guide and was our trip bible. My copy is available. We have vague thoughts about touring Europe next summer so look for our next installment "Thighs Two" or "150 Cities in Three Weeks by Bicycle".

Roads on favorite

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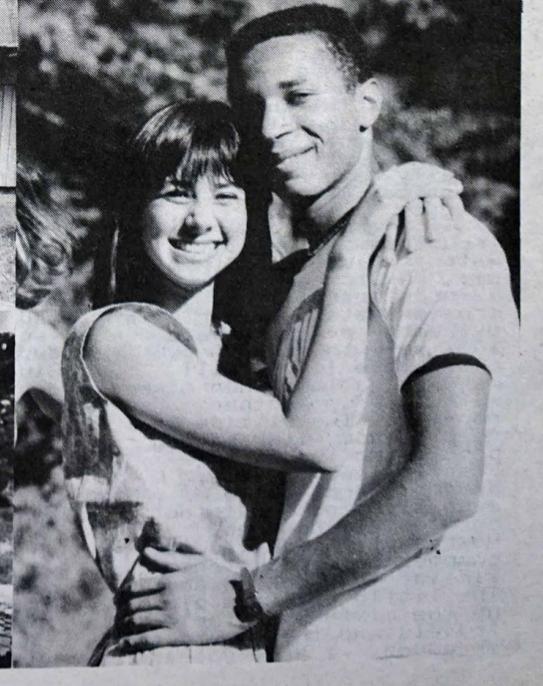
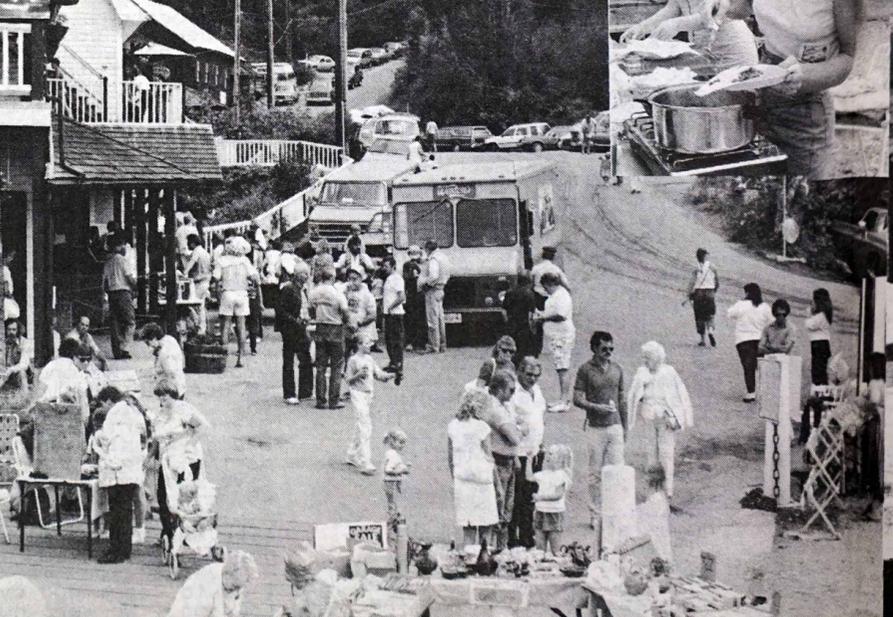
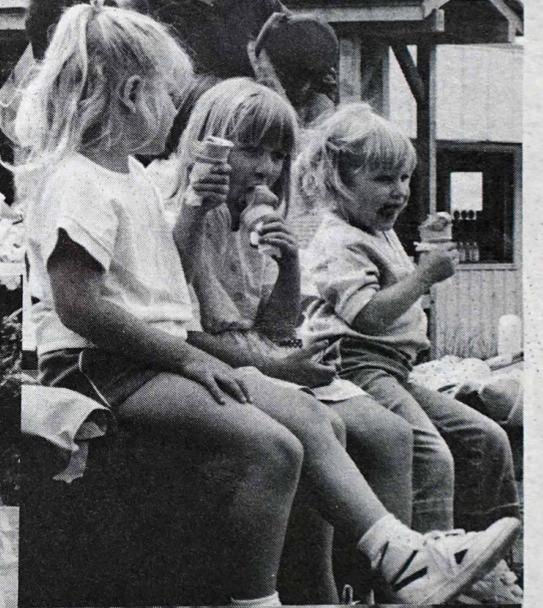
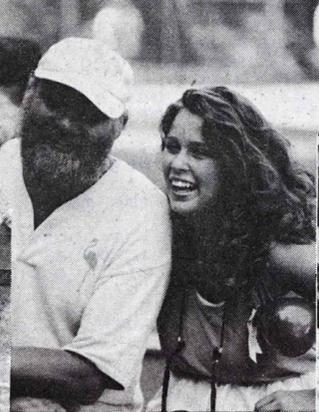
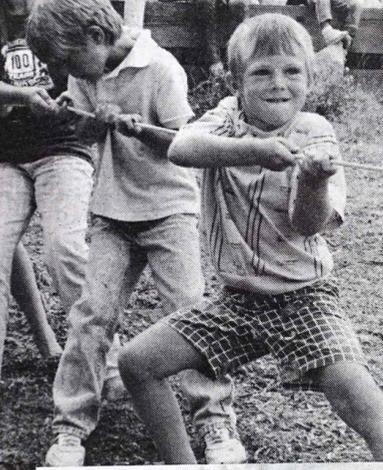
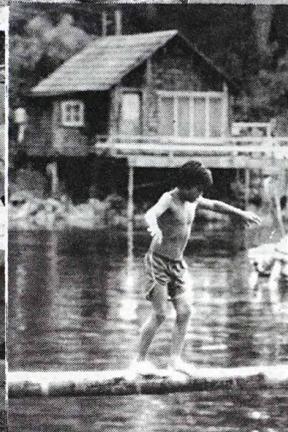
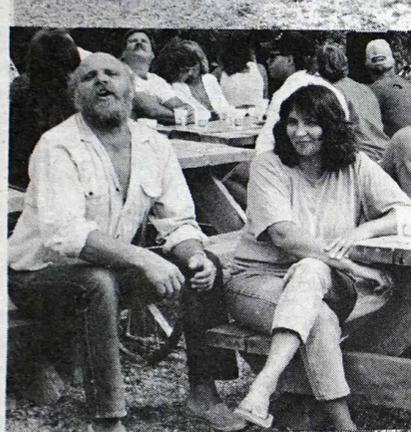
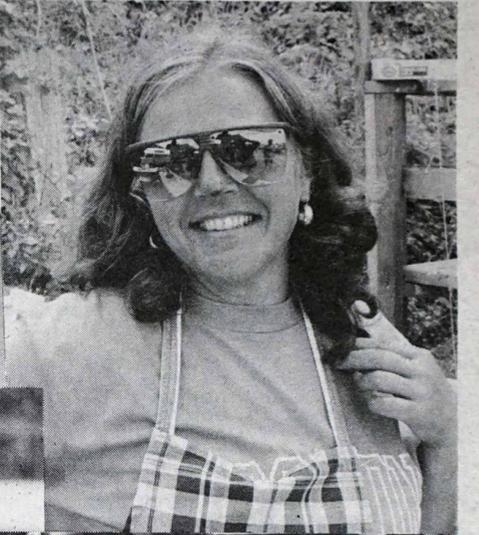
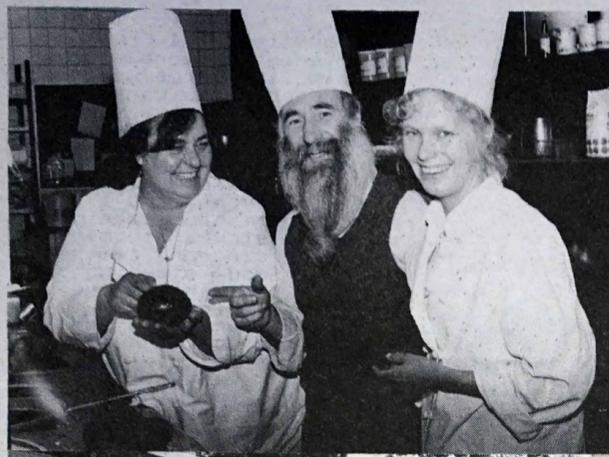


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# Rake, Hoe, and H<sub>2</sub>O

September and October are usually the months when all gardeners face the exhausting task of freezing, drying, canning, juicing or simply eating the many fruits, vegetables and berries our gardens have produced.

We also experience a feeling of satisfaction and contentment as we gaze down the neat rows of jams, jellies and preserves stacked in the pantry. Some of the more diligent gardeners will have boxes of apples, jugs of juice and cider and blackberry wine or sacs of potatoes, tomatoes set on newspaper, carrots and beets stored in sand and garlic and onions braided and hanging in rows. Yes, it was really worth the effort. The food has flavour and you know where it came from - your own garden.

There was no drought this year, no hoard of locusts or other environmental catastrophe in the area except, perhaps, in my garden. My 50 by 50 foot plot had a dazzling variety of every creepy crawly one could imagine. Every time I went to weed, water or harvest, there was a new epidemic. I abhor using chemicals but what do you do when an infestation threatens to wipe out your hard earned food supply?

I have five general rules which may be of benefit to gardeners who have the same problem:

- 1) Plant three times more than you need if you have the space. Bugs rarely damage more than 1/4 of the crop. In spite of their efforts I always give away more vegetables than I eat.
- 2) If one bug is a particular problem (ie. root maggot on Brassicas) then don't plant that variety. Move to fresh, new soil instead.
- 3) Be careful when purchasing bedding plants at your local nursery. For example, green peppers usually have aphids and brassicas may carry root maggot.
- 4) If the bugs are really troublesome first try water to just wash them off. A stronger option is Safer's Insecticidal Soap (concentrate). Safer's is extremely effective and 100% safe to use. A 500 ml. bottle for \$6 will make 10 gallons when mixed with water. Another non-toxic insecticide that reaps havoc with the bug population is called Fossil Flower. This product tends to be expensive and should not be used around bees. However it is just deadly, composed of a substance similar to ground glass. The little critters pick up the mixture on their travels and their guts are shredded. I know you are

thinking this is a very unscientific explanation but remember this is an organic gardening column and I reserve the right to babble incoherently. I have found lime to be an effective bug deterrent and it sweetens the soil at the same time. Simple insect traps and a gauze covering for plants can be purchased at the Farmers Institute and reused year after year.

5) If there is a problem with the two or four legged variety of pest then I suggest a fence be erected around the area you intend to cultivate. Netting placed over such plants as strawberries or dwarf cherries is usually adequate to discourage deer and birds.

Each pest has a specific deterrent which generally works. I couldn't possibly list all of them in this article but I would like to mention some of the more common ones:

Ants - Sift together borax and icing sugar in equal parts and leave mixture on a well travelled path. This method takes approximately a week to be effective as the ants take it back to the nest and feed it to their young. Really grim! Also works for silverfish.

Aphids - Safer's  
Beetles - Proper pruning and removal of dead and diseased branches.  
Borers - Fertilize, water and wrap young trees, proper pruning, hand pick where possible, pour boiling water or thrust wire into holes and treat exposed wood with pruning paint.

Cabbage worm - Rotenone\*, companion planting or protective gauze.  
Cutworm - Cultivate around plant base to find and destroy worm. When setting out transplants, place a stiff paper collar around the stems, burying it at least one inch below the surface. Lime ground.  
Earwigs - Safer's, insect traps and clean cultivation. Remove all debris from garden. I would like to warn gardeners that earwigs can become an epidemic in one season if not kept in check.

Leaf Rollers - Spray tree with dormant oil before buds break.  
Spider Mites - Dormant oil and adequate fertilization. Safer's during summer.  
Slugs and Snails: Clean debris, cut grass, hand pick at night, cover plants with gauze and repeat lime borders. I wouldn't waste My beer on them.

I would like to emphasize the importance of adequate nutrients in the soil so plants are vigorous and able to fend off attacks by pests and disease. Other methods include keeping the garden free of rotting debris - a bug breeding haven, crop

rotation, companion planting and planting seed varieties that are recommended for the Pacific Northwest climate. \* Rotenone is a plant derived insecticide that has been found to be harmless to warm blooded animals only. Some brands have been adulterated with synthetic toxins - check the label. Rotenone should only be used when all other measures have failed. I personally don't recommend its use as the period of protection it offers is short.

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By Claire Hefernan

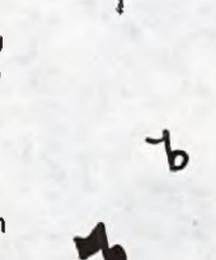
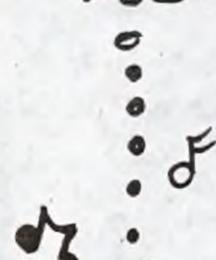
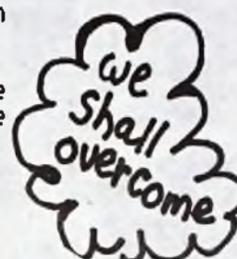


Waste: from pg. one

Before that time every concerned taxpayer should be pressuring all levels of government to reverse the incinerator decision. With public sentiment heavily in favour of recycling-landfill, the 'ministry' may not necessarily accept the Waste Management Committee decision and insist that the public make the disposal choice at the poles.

Our salvation may be the enormous cost of incineration. In my view the district cannot afford the proposed plan and I have my own ideas of what the final option will be. Publicly I have suggested a municipality 'hidden agenda', after all they hold all the cards with a majority vote on any Waste Management Plan. With that majority vote comes the lions share of the costs, a huge chunk of money that Powell Rivers poor, overburdened taxpayers can little afford. Remember the numerous big ticket projects looming on the horizon - new RCMP quarters, new ECU Hospital this year and the Acute Care Hospital perhaps next year - and the list goes on. So don't give up all hope, but at the same time don't give up the fight. Write a letter to your MLA with copies to the Minister of the Environment, Waste Management, even local government.

Other than Waste Management (and all that garbage), it's been a quiet summer on the grass-roots political scene. The Lund sewer study is due any day and the Lund watershed protection by-law is still rattling around the halls of Municipal Affairs in Victoria.



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# Designer Bugs!?

Designer Bugs to eat Toxic Wastes by Grant Keays



In September I received a call from a representative of a company called ECOVA, in Redmond, Washington State. They requested that I provide them with a copy of a short paper I had written on TCMTB, MacMillan Bloedel's new anti-sapstain chemical. They wanted the paper because their company is involved in developing designer bugs that eat toxic wastes, and they wanted to see whether it would be possible to develop a bug to eat TCMTB and render it harmless. They claimed to already have a bug to eat PCB's.

TCMTB (Thiocyanomethyl thio-benzo thiazol) is three times as toxic to fish as pentachlorophenol, and poses a real threat to marine life. Moreover, it has been inadequately assessed in terms of its ability to cause mutations. This chemical, like pentachlorophenol, was 'grandfathered' into its current use status, which means that the registry package supporting its use would be unacceptable were its registry to be undertaken now. The breakdown products of TCMTB include 2-MBT, a known carcinogen. These breakdown products may be teratogenic, mutagenic &/or carcinogenic, and they may persist in the environment and accumulate in the food chain. Sufficient to say that the use poses dangers to the environment and may pose a threat to man through the food web.

These problems do not even address the fact the MB has a permit to blow 2000 kg. of TCMTB into the air of Powell River. This chemical is an unforgiving sensitizer, meaning that the level at which a reaction will occur to other chemicals will be lowered.

The fact that there may be biological solutions (designer bugs) to the introduction of this chemical can only be viewed with extreme scepticism. Alchemy is the word referring to burning, melting and heating - the processes which gave rise to the industrial revolution. Algeny is the word J. Rifkin coined to describe the processes associated with manipulation of genes, splicing and recombining DNA. To apply the straight line, engineering based problem solving techniques of alchemy, which produce a solution to a particular

problem without regard for the consequences, using the techniques of algeny to fix the problems of alchemy, invites disaster on an unprecedented scale. My personal reaction to the company's solution is fear, loathing and terror. MB should not be using this substance in the first place. To do so, given how little they know about it, is grossly immoral experimentation. I do not find it reassuring that there may be a potential biological solution and we may rue the day we cracked the code of life (DNA).



## Bookshelf - by Donna Huber

Fall is here and its back to the library for the Smith-Huber Clan. We've read a few books over the summer - being true addicts as opposed to hobbyists. One of my favourite writers had a new one out. Lady MacBeth by Nicolas Freeling. I came across Freeling a few years ago in my relentless pursuit of quality mysteries. He writes about cops, which doesn't usually turn my crank; however.. what cops! Nothing 'Private Eye' or 'Hard-Boiled' here... these are real men with multi-faceted personablities, and the most extraordinary wives and girlfriends in the modern mystery genre, I'm certain. I love this mans' writing to the max... go to the library and read them in the correct sequence, each one is a jewel.

Speaking of the library, did you catch that big book sale they had? Cayce bought fifteen hard-cover childrens books for five bucks ... he was in 9 year old heaven. I was in heaven too, when I spotted the item of my desires, an old standard office typewriter, immaculate, for twenty-five dollars. Yeh...three books for a dollar, you can't beat that, and they have the sale every year, I believe.

More for fans of mystery are the books of Robert Barnard. Try, again from the library, Death by Sheer Torture. You'll find yourself looking along the shelves for more if, that is, you enjoy keen observations on human behaviour, blood, and shadows.

I hate television and view it as the single most destructive toy of this NEW AGE (next to computer games), so I must recommend a couple of

non-fiction tirades against the thing. Try 'Four arguments for the Elimination of Television' by Jerry Mander, and 'Unplugging the Plug-in-Drug', by Marie Winn. Ho. Ho. See those boxes go.

So many kids these days aren't reading enough. As I've mentioned before one of the ways I hooked my boys on books was to put the T.V. in the closet and only use it now and then. The other was to allow them access to as many comics as they liked, of whatever sort they fancied (Archie is big at the moment). If you have a reluctant reader, tempt him or her with these gloriously trashy little mags. Lots of very literate adults will admit, when pressed, that they learned to read by scanning the funny papers. From a fascination with the nifty drawings comes a desire to know more of what is going on. You have to read to find out, and the language of comics is surprisingly complex, more so than most 'Readers' that are aimed at teaching a child to read. For the child already fascinated with reading, try the Enid Blyton series of adventure stories, 'The Island of Adventure' being the first of a good series that I loved when young. There are four children with well-defined personalities, and great adventures around the country-side in rural England. The text is helped along by black and white line drawings that I still appreciate.

Another series (kids love series as they get to go on and on with folks they've come to love) are the 'Borrowers' by Mary Norton. Borrowers are small people who reside in 'humanbean' houses and borrow from them to survive. Again, the drawings are terrific, black and white and detailed. Mary Norton is a splendid writer and deservedly, these are childrens classics.

CONT. pg. 10 →



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# Savary Report

Savary Report by Heather Allen

While the rest of the BC coast may have peered through rain wondering whether or not spring would arrive this year, we on Savary are always confident that spring will come regardless of the weather. After all, we had tulips and daffodils, the Mad Hatter and the Grubsteak Store opened, and now we have summer cottagers. Is there any other place where the seasons are so defined by the population?

Though Savary is a summer memory for most people, it does have another life. Clamming goes on from about October to the end of April, and this year created no problems whatsoever. Mounties from the RCMP detachment in Powell River periodically patrolled the beaches at night, sometimes with Fisheries and sometimes with Coast Guard officers, checking licences, boat safety and clam size. Those patrols, along with the ban on camping on island during the clamming season by Fisheries effectively stopped all illegal activity during the winter. On a recent trip to Savary, Constable Warren Fabbro said that they had only one 'break and enter' report, and no damage or theft was reported. This is in sharp contrast to the past two years when islanders often felt they were under seige with dozens of reported thefts and break-ins.

Also much appreciated by islanders was the clean-up campaign initiated by Wally Tweedle. With a group of 15 other diggers, Wally combed the northside of Savary from the wharf to Indian Point picking up garbage left by commercial clambers, campers from bygone days and even debris brought in by the sea. They filled a pick up truck to overflowing with garbage bags by the end of the day.



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# L.C.C. update

The first meeting of the season was held Wednesday, September 13, 1988. The meeting was well attended, with the group discussing:

**Lund Centennial** - The 100th birthday of our village will be celebrated in July of 1989. Money has been raised by the Centennial committee, but much more is needed to make the event a success. We are expecting a very large turnout of out-of-town ex-Lundites, and the logistics of housing, parking, food and entertaining the crowd must be addressed. Please come out and support the Centennial through the Community Club. We really need YOUR help!

**SECOND ANNUAL FATHER'S DAY FEAST** - This was a huge success, with two full sittings served a delicious array of fresh seafood. Our thanks to all of the local people and businesses who donated time and seafood to this community event. See you there next year!

**LUND DAYS, 1988** - This was an excellent money-maker for the Community Club...special thanks to Rosemary Olsen, Claudia Sullivan and Sue Foote for all of the hard work.

Some concern was expressed about a fight that broke out between people that were renting rooms in the hotel. This marred an otherwise good day for the many who attended. We would like your suggestions on how to avoid this sort of thing in the future.

**NEW LOCATION FOR THE HALL** - The possibility of the Club acquiring new property and building a new hall was discussed. As the school could possibly occupy the same property, there is a lot of enthusiasm about this project. The Lund Waterworks District is hoping to acquire property around Lund Lake to protect the Watershed, and have offered the Community Club a parcel. A committee has been formed to look into this.

If you would be interested in putting effort into this, please contact Alf Butterfield, 483-4398.

**HALLOWEEN DANCE AND CHILDREN'S PARTY** - Don't forget the Halloween Dance Saturday, October 29.

Prizes for the best costumes. Tickets will be available at the Lund Store. The Childrens Halloween party will be Halloween night, Oct. 31. Watch for posters.

**CHRISTMAS CRAFT FAIR** - Save your Xmas shopping for the Annual Christmas Craft Fair, to be held the beginning of December.

There will be lots of unique locally made crafts and great food. Watch for posters.

**MEMBERSHIPS** - It's time to renew you LCC memberships. These will be available at the next meeting and at the Halloween events ... families \$6.00, singles \$4.00. New executive also to be elected. Plan to be there. Meetings to be held the second Wednesday of each month. Be there, or be square!



★Ed. note... Although we promised a "FREE PRESS" we have unfortunately found that we can't afford it!

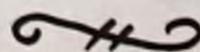
For any inconvenience, our apologies - Bill

## Bookshelf - FROM PG. 9

We had one of Anne Camerons books around here recently: 'The Journey', a dramatic tale of two women who brave the wild west together. Before I could get to reading it our nine year old found it and tasted, for his first time, the strange brandy of an imaginary world not aimed at children. 'The Journey' has some violent scenes, at least by nine-year-old standards. It is written in such a way that the images evoked stay with you like an odd dream, full of fear and love and sexuality, long after the book is done. Not recommended for nine-year olds, particularly, but on the other hand I stand by my conviction that if you can read it you can understand it (children grasp things in a deeper manner than most of realize, I believe). Grappling with other people's truths - that's what reading's about...and remember this: 'you can always tell everything you want to know about a person from their library' (who said that?).

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# Letters to the editor

Dear Slasher Bill and Staff, Congratulations on your paper. I am duly impressed and have reread the paper a number of times. It is a wonderful link to my previous life as a Lundite. What I'm wondering now is how long before one can subscribe by the mail? So, once again, from a once Lundite, now Quebecker, congratulations and keep up the good work.

Famela Huber  
St. Denis sur Richelieu  
Quebec.

Dear Mr. Smith  
I'm not sure if such a distant reader would qualify for your Name the News contest, but I have to give it a try. My sister, Adrian Redford, sent me a copy of your first edition. Congratulations - what a great idea for Lund, especially with the centennial celebrations coming up next year. I especially enjoyed the 'Lund School' item, as I attended the school in 1951-53 and have fond memories of that small school.

I wish you and the community well with your endeavors. A small donation is enclosed for the Community Club.

sincerely,  
Linda Henderson  
(nee North)

What's in a Name?

Dear Bill,  
Belated congratulations to you and your staff on the publication of your first issue of the "Lund News".

As to your request for name suggestions for the newly founded paper, might I ask what is wrong with "Lund News"? After all, that is precisely what it is! Let us bear in mind why the Thulin brothers chose Lund as the name of the settlement, which was that the name was easy to pronounce, easy to spell and easy to remember. Can we ask for more?

When at a meeting of the Centennial Committee, which I was privileged to attend, the plan for such a newspaper was announced. I recall saying (to myself) "Oh..no?". Now with this first issue, I find myself saying "Oh..yes!", and eagerly so!

To substantiate my suggestion, may I point out that the Lund Hotel has been twice named. As is well known, its first official name was "Malaspina Hotel", its second "Lund Breakwater Inn", but always through the years it has been referred to simply as the "Lund Hotel". I trust I make my point.

My very best to you and your staff!  
Sincerely  
Grace Thulin

## Lund School

by Bill Bailey

Lund School is alive and well again this year. You may have noticed that we are getting a new field complete with automatic sprinklers. Once the grass grows in we should have a very respectable playing field. Your cooperation in staying off the planted area until Spring will be a great help.

We wound up last year with fine weather and good fun for our Sports Day and Savary Day. An extra bonus at the end of the year were the Community Crafts afternoons. Students made cedar baskets and traditional bead patterns courtesy of the Sliammon Cultural Center. Others worked on lino-cuts, corn-husk dolls and bread-dough figures under the direction of Donna Huber, Linda Liddle and Ronnie Uhlmann. We're very receptive to community involvement of this nature in the school. If you have something you'd like to share, give me a call at school.

This year, the centennial of Lund, we would like to add our contribution to the celebrations. An historical account of the school, its' people and important or humorous events would be a good learning experience for students. Please keep this in mind if you were a part of or have knowledge of the history of Lund School. I am temporarily at James Thomsen School, but when I return to Lund I hope to begin actively soliciting this kind of information.

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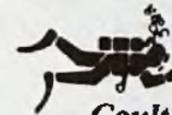
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# Oysters:

## Growers Concerned

Active Malaspina Mariculture Association (AMMA) General Delivery, Lund by Anne Creally

Hi. Let me introduce you to some concerns of the local oyster growers. Far removed from the idyllic tranquil lifestyle of our dreams...we find ourselves smack in the middle of a fast paced, physically demanding and politically confusing multi-million dollar industry. Please don't get me wrong - I wouldn't consider cashing in this livelihood for any other. The setting is paradise. Lund has a group of environmental watchdogs who founded, and meet regularly in the guise of the Active Malaspina Mariculture Association (AMMA). Right now membership consists solely of oyster growers - although this is not always the case. We have found the association to be an effective device for encouraging action on many local concerns. We have lobbied successfully, in the past, to persuade a salmon farmer to reconsider locating at the narrow mouth of the only passageway leading into the aquaculture reserve of Okeover Arm.

The major concern threatening our livelihoods is pollution. Mother nature relies on clean, uncontaminated water to produce healthy crops of shellfish. Threatening our water in a large way is the presence of the heavy metal Tributyl Tin (TBT). It is found in many brands of 'anti-fouling' bottom paint for boats, produced to kill barnacles, mussels and seaweed. When it was discovered in the early 1960's, TBT was thought to be a superior anti-fouling ingredient which would break down in sunlight into harmless compounds.

TBT is cumulative and highly toxic - the equivalent of one grain of salt in an olympic

swimming pool will create problems for oysters. Recent research into samples of sediment from the ocean floors, where there is little sunlight, confirm the presence there of TBT. In order to mature and reproduce, oysters must change sex. One effect of TBT is to prevent this, and the failure to change sex was noted last year on the east side of Vancouver Island. TBT is responsible for the destruction of shellfish habitat in France and the United Kingdom, prompting these governments to act on its use. It was used as an anti-foulant on nets at some fish farms and was banned for use in the food industry in British Columbia shortly after the oysters in Nanoose Bay - grown beside a fish farm using it on the nets - started dying in shells which were obviously deformed.

The ban was prompted by the discovery of TBT in salmon grown on a fish farm. It applies only to the use of TBT on nets containing fish, and was made over 5 years after the harmful effects were recognized in some European countries. Our government is very slow to move on any legislation banning the use of TBT entirely...so we are asking for public support to help speed up action.

Some of the local oyster growers produced an information pamphlet. The British Columbia Oyster Growers Association (BCOGA) and the Ministry of Agriculture and Fisheries contributed the money for printing and mailing costs. The bulletin present the facts and requests that any vessels with TBT paint please refrain from visiting the oyster spawning grounds of Pendrell Sound during July to mid September. Each of us can help by not using bottom paints which contain TBT (also known as

organo-tin). There are alternatives. Please take ten minutes to send a note stating your support of a ban to:

The Hon. Tom Siddon  
Minister of  
Fisheries, Dept.  
Fisheries and Oceans  
200 Kent Street,  
Ottawa, Ontario K1A  
0E6,

The Environmental  
Protection Agency  
Kapilano 100, Park  
Royal  
West Vancouver, BC.,  
V7T 1A2,

&  
Director of  
Pesticides  
Agriculture Canada  
Suite 225, 5000  
Kingsway Burnaby, BC.,  
V5H 2E4  
attn: Phillip  
Edwards



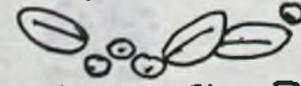
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