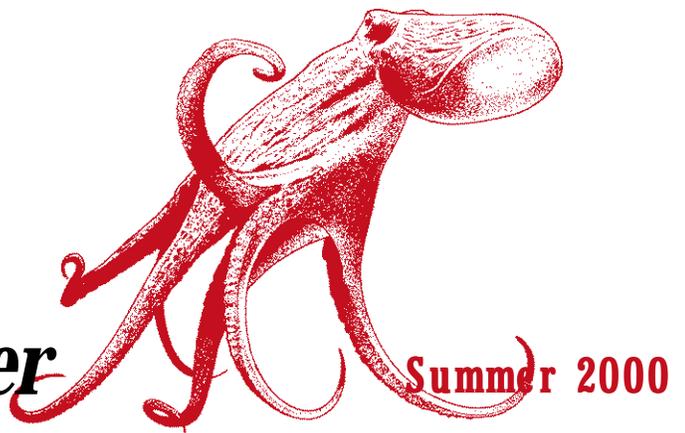


LIVING OCEANS newsletter



Living Oceans Society ✧ Box 166 ✧ Sointula BC ✧ Canada ✧ VON 3EO

Oil and Water Don't Mix

The coast of BC is home to one of the world's largest Orca populations and is home to billions of salmon. It is a major migration route for Grey and Humpback whales, in fact, the area supports more than 6,500 marine species. Marine tourism has been the fastest growing segment of the tourism industry and is quickly becoming an important part of BC's economy. Over 10,000 commercial fishing jobs are dependent on the health of these waters. Protecting this area is important.

For many years the BC coast has been protected by federal and provincial moratoria prohibiting the exploration and development of offshore oil and gas. This policy is a result of both governments' concern for the health of our ocean and Living Oceans Society supports the present policy.

A downturn in BC's resource based economy, however, has some advocating the lifting of the moratoria. In fact, pressure by oil development interests has resulted in BC's Northern Development Commissioner hiring SanLaing Consultants to carry out consultations to determine interest in offshore oil and gas development. Although the final results of the closed-door consultations have yet to be released, consultant John Sanderson is already predicting that the people in northern BC want to "develop a consensus based process that looks at the lifting of the moratoria". It is important to note that the consultant handpicked the participants in this process and not all the information was included in the interim report

released last summer. In fact, the report omitted the BC Alliance for the Preservation of the Offshore Oil and Gas Moratorium's written submission. This consultation process has the appearance of solely advancing oil proponents' views while ignoring the concerns of First Nations, fishermen, conservation organizations and tourism operators.

In May 2000, LOS attended the conference "Exploring the Future of Offshore Oil and Gas Development in BC: Lessons from the Atlantic" hosted by Simon Fraser University and funded by the federal and provincial governments. It was clear the oil industry consultants are interested in lifting the moratoria. However First Nation individuals who were present clearly stated that they oppose any extraction of oil from their territorial waters. The provincial and federal governments and First Nation's representatives do not agree on who has jurisdiction over potential oil and gas reserves.

The closed-door process of the Northern Development Office and the conference at SFU have both been platforms for industry proponents to discuss possible economic gains from offshore oil and gas. So far there have been few opportunities to discuss the costs associated with oil and gas development. LOS research shows overwhelming evidence of risks associated with this industry. This newsletter highlights this research and provides sources for further readings. If you would like further information, all the papers referenced in this newsletter are available from LOS.

Living Oceans Society supports the existing federal and provincial moratoria on offshore oil and gas development. Our research has shown that the offshore oil and gas industry poses a threat to the health of our ocean, the commercial and recreational fishing industries, the emerging ecotourism industry, and the complex coastal ecosystem.





From the Executive Director

This issue of our newsletter focuses on offshore oil and gas development. For over a year now Living Oceans Society has been supporting the existing offshore oil and gas moratoria despite the efforts of some to see it lifted. We believe that both the federal and provincial governments showed great foresight in putting these moratoria in place in the 1970's. Removing them would be a step backwards. Our researcher Oonagh O'Connor has uncovered many risks associated with

oil and gas development. We hope this information helps you make a choice about the future of BC's coast.

In the future each newsletter will be dedicated to a new subject. Our fall newsletter will highlight the people and places of the Central Coast region of BC, a place very dear to all of us at Living Oceans Society. In addition we will have our regular columns such as Wave Reviews, Sea Stories, and Feature Creature as well as updates on all Living Oceans Society activities.

If you have any issues or places that you would like to see highlighted please let us know. Your views are important to us.

Sincerely,
Jennifer Lash

Living Oceans Society is a non-profit organization committed to the preservation of marine biological diversity and creation of sustainable fisheries through the establishment of a network of marine protected areas and ecosystem management of our ocean.

The vision of the Living Oceans Society is to ensure all stakeholders are part of marine conservation efforts. By working with stakeholders, participating in multi-stakeholder processes, organizing workshops and sharing information about our projects, Living Oceans Society is part of the movement to build new approaches to conserving the health of our ocean.

LOS Projects Advance

- The science of conservation biology
- Ecological and economic sustainability
- Co-management with stakeholders & First Nations
- People as part of the environment
- The resolution of land claims

A CALL FOR ACTION

If you're concerned about the government lifting the moratoria on offshore oil and gas, let Premier Ujjal Dosanjh know that you support the government maintaining the current policy. *Write to him today!*

Office of the Premier
Parliament Buildings
Victoria, BC
V8V 1X4



Living Oceans Society
Box 166
Sointula, BC
V0N 3E0
phone 250-973-6580
fax 250-973-6581
oceans@livingoceans.org
www.livingoceans.org

The BC Alliance for the Preservation of the Offshore Oil and Gas Moratoria is made up of 60 members from conservation, labour, social justice and First Nations groups. The Alliance supports the existing moratoria on offshore oil and gas British Columbia. If you want to join the Alliance contact LOS at oceans@livingoceans.org



Living Oceans Society in Action

MPA Outreach

Recently back from the Northern leg of his MPA tour, Bruce Burrows, MPA Outreach Coordinator, reports a successful journey. The tour involved trips to Prince Rupert, Masset, Queen Charlotte City, and Bella Coola to discuss the fisheries benefits of marine protected areas. Several themes emerged from the meetings;

- involving fishermen in the identification and management of MPAs,
- clearly defining MPAs to allow fishermen to assess the costs and benefits
- incorporating the use of local and traditional knowledge

While in Haida Gwaii Bruce had the opportunity to meet with Russ Jones, MPA Advisor for the Haida Nation and Guujaaw, Elected President of the Council of Haida Nations. They emphasized that First Nations must be a major player in the establishment and management of MPAs and there is concern about the ramifications for sea and land claims.

The most recent meeting was held in Sointula and the feedback was positive with support in principle for MPAs but concerns were expressed about the details of establishing MPAs from a political perspective. A proposal to draw lines on a chart as a first step to establishing functioning MPAs was suggested for the next meeting. Bruce will continue his tour to southern communities in the fall after the fishing season is over.

Staff News

LOS welcomes Elicia Harris on board as our new Executive Assistant to Jennifer Lash. She is helping ease Jen's load and is taking on many administrative duties such as payroll, running our direct mail program, and making sure our office has the supplies we need. She is also searching for funding sources and trying her hand at proposal writing. We're glad to have Elicia aboard and relieved someone will be around to fill out the paycheques while Jen is on maternity leave. If you need to contact Jennifer while she is on leave please do not hesitate to call or email Elicia at eharris@livingoceans.org. Elicia will make sure that Jennifer gets your message.

COASTAL COMMUNITY OUTREACH

Living Oceans Society is not alone in our efforts to ensure the oceans continue to sustain coastal communities. From Alaska to Baja California there are fishing organizations, environmentalists, scientists and even a few courageous government types struggling with old and new, approaches which respect the oceans and the ecological limits of her bounty.

Recently LOS Coastal Community Outreach Coordinator, Aaron Tinker, joined people from up and down the coast at a gathering in La Paz, Mexico on the Sea of Cortes. The topic: conservation efforts to conserve and restore the once abundant and healthy marine ecosystems of the west coast of North America. The meeting was initiated by Canadian Parks and Wilderness Society and created an opportunity to sow seeds of cooperation across international boundaries.

In May 2001, Living Oceans Society is hosting a conference of conservation groups on the North American coast. Central to this conference will be the opportunity to learn how other groups have applied science and policy to successfully establish marine protected areas, gain insight into co-management with First Nations, broaden our capacity to work with stakeholders, and to forge new partnerships between organizations. We hope this conference will build on our collective strength. If you would like further information on this exciting project please contact Aaron Tinker at aaron@livingoceans.org.



Living Oceans Society wishes Jen, our Executive Director and Bruce, our MPA Outreach Coordinator; all the best as they prepare for the arrival of their twins, currently named Alpha and Beta, in August. The staff (most of whom are already parents) have insisted Jen leave the office at the end of June to catch up on sleep before their arrival. We know she won't be getting any once they get here! All the best Jen and Bruce.

Fish Farm Fiasco

The Broughton Archipelago, a cluster of islands located between the north end of Vancouver Island and the Mainland, continues to be a hot spot in the battle against open cage fish farms. The Provincial Government is seeking public input on four additional sites in the Broughton. The area is already inundated with farms and is now expected to accommodate farms that are being moved out of their present locations for a variety of reasons. One conflicts with a logging operation, one can't meet environmental standards, and others are apparently unpopular with their upland neighbours.

At Living Oceans Society we have identified the ecologically sensitive areas in the Broughton Archipelago by using the provincial government's 1999 Salmon Aquaculture Policy siting criteria. According to our mapping and analysis, the new sites contravene the government's own standards and should not be permitted. A representative of the BC Ministry of Fisheries stated that portions of the siting criteria are ignored as any enforcement of the criteria would require many of the farms to leave the Broughton Archipelago. This is very disappointing. We believe that the government should enforce its own policy.

Readers are urged to contact the Minister of Agriculture Food and Fisheries, Corky Evans, phone (250) 352-6844, fax (250) 352-9268. Please tell him it's time to uphold his department's aquaculture siting policies.

Living Reef Project

Spreading the Word This spring our Living Reef Project Coordinator, Susan Francis, travelled to Florida to present a slide show on LOS's newly developed Invertebrate Training Course to the Board and Advisors of our partner organization Reef Environmental Education Foundation.

Learn to ID invertebrates In addition to the survey program this summer, Susan will be conducting a series of Invertebrate Training Courses throughout the province. For only \$20.00 you can attend a three hour session on how to identify over 50 invertebrate species in our temperate waters plus instructions on how to collect data while you are diving. The data you collect will be used to track the health of our ocean.

Great Diving Opportunities with our Survey Team this summer! The Living REEF Project will be conducting a week-long survey program in Queen Charlotte Strait. One of the best temperate diving areas in the world, it is rich with fish, invertebrates and marine mammals. Participants will conduct surveys on MPA candidate sites, help us develop baseline data and increase our knowledge of three marine areas. You will stay at God's Pocket Resort, located just an hour north of Port Hardy on the North end of Vancouver Island. The cost is about \$1000.00 for 6 days of great diving and a training session in our invertebrate identification course. The program runs from July 31st to August 6th. A great opportunity to contribute! **If you are interested in joining our Survey Team or attending an Invertebrate Training Course, please contact Susan Francis at lrp@livingoceans.org.**

Jobs: Going Going Gone!

Tens of thousands of BC workers are dependant on the sea to earn a wage and the commercial fishing, sport fishing and tourism industries make up a large part of the BC economic pie. The communities dependant on these industries have the most to lose if offshore oil and gas proceeds.

The alleged harmonious coexistence of the petroleum and fishing industries is a myth. In the North and Norwegian seas, and on the coast of California, the existence of the oil industry has occurred at a cost to the fishing industry. Oil-related debris has caused fishermen to claim for damage to gear, lost fishing time and interference with their ability to make a living. Who actually gets jobs from the offshore oil industry?

Dr. Paul Templet, from Louisiana State University found that "many of the economic benefits generated by the oil industries accrue to residents of other states and countries."

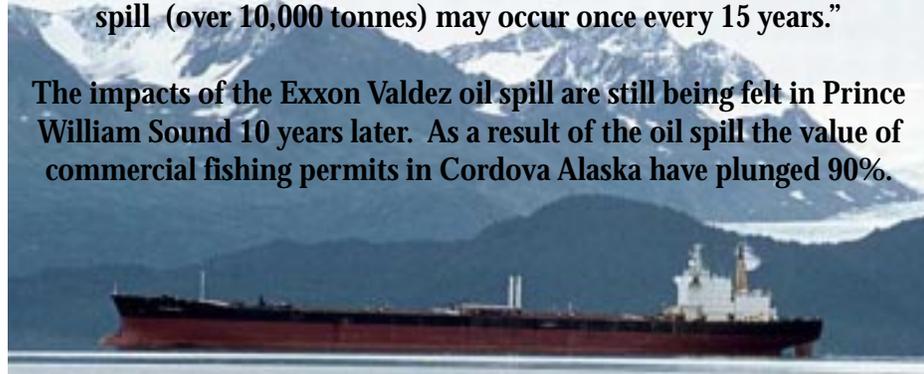
On the East Coast, the oft-quoted "thousands of jobs" has not translated into thousands of long-term jobs for locals. Helen Lofgren of the Sable Island Intervention Coalition explains, "Because the amount of jobs available was so much greater than the number of people locally available, many workers came from other provinces and countries. Most of the work lasted for a short time and has done little really to add to the long-term economic strength and stability of our small East Coast communities."

In the construction of Terra Nova, the free-floating oil platform that will be operating near Hibernia, foreign employment has exceeded local employment. Only 45% of the employees are Canadians and there is no way of improving this situation because of NAFTA regulations. Meanwhile, Newfoundland continues to have an unemployment rate of 14%.

Successful economic development initiatives should create jobs for local people without threatening already existing jobs. The long-term economic health of coastal communities depends on it.

Based on current levels of tanker traffic, Environment Canada predicts that, "Canada can expect over 100 small oil spills, about 10 moderate spills and at least one major spill offshore each year. A catastrophic spill (over 10,000 tonnes) may occur once every 15 years."

The impacts of the Exxon Valdez oil spill are still being felt in Prince William Sound 10 years later. As a result of the oil spill the value of commercial fishing permits in Cordova Alaska have plunged 90%.



"Most of the work lasted for a short time and has done little really to add to the long-term economic strength and stability of our small East Coast communities."

Offshore Jackpot Leads to Inshore Misfortune

The image of an oil-soaked shorebird shaking on a rocky beach is one of the common images we associate with the destructive impacts of an oil industry. The toll the industry takes on communities is less obvious.

"We can no longer ignore the impacts of oil production on humans, their cultures and their lifestyles" claims sociologist Dr. Steven Picou, who studied the social consequences of the Exxon Valdez oil spill. As a result of the spill the community of Valdez, Alaska suffered economic and social turmoil. They experienced an increase in depression, domestic violence and the crime rate. A 1998 study by Impact Assessment Inc. reported that in the year following the oil spill, the number of reports of domestic violence increased 118.3% and the number of arrests increased 123.6% in the town of Valdez, Alaska.

Elsewhere the offshore oil and gas industry has also disrupted the overall quality of life. A 1998 report by CEF Consultants found that in Louisiana, where the offshore oil and gas industry has operated for the last 40 years, "The oil industry has led to many of the coastal communities having highly transient populations, with resulting social problems, unstable relationships, drug use and high crime rates." In the Mississippi Delta and Texan coastal estuaries toxic pollutants emitted by the oil industry have destroyed wetlands and contaminated the water. Locals have named one region "Cancer Alley".

The San Luis Obispo Chamber of Commerce best summarises the impacts of offshore oil and gas. In their 1998 report they conclude, "The impact of oil and gas in our county is already profound. From loss of property values to loss of business to environmental and social impacts, we have been harmed."

Offshore oil and gas development occurs at a large cost to society. The development of offshore oil and gas on the coast of BC could result in similar social problems to those experienced in Alaska, California, Texas and Louisiana.

Oil Exploration Sounds Like Trouble



This is the area under consideration for offshore oil and gas development. The area includes Dixon Entrance, Hecate Strait and Queen Charlotte Sound. Although 18 test wells were drilled in the 1960's, *no oil or gas was found.*

Long before the first drop of oil is extracted from the sea bottom, oil exploration begins with deafening blasts known as seismic testing. Explosive shock waves are directed at the seabed by high-pressure air guns, giving oil companies information about rock formations and in turn the most likely locations for oil deposit. These noisy waves reverberating through the sea destroy fish air bladders, harm nearby larvae and disrupt traditional migratory paths of marine mammals and some species of fish.

“Not only does seismic testing decrease our catch rates, it cuts our fishing time way down



A Norwegian study sponsored by the petroleum industry revealed that the catch rates of cod and haddock are reduced by at least 50% during and after seismic testing. The results did not surprise fishermen. East Coast cod and halibut fisherman, Herb Nash says they've known all along that the seismic testing has been scaring the fish away but nobody has been able to get the oil industry to listen. “Not only does seismic testing decrease our catch rates, it cuts our fishing time way down too. One day we had just finished setting up our halibut gear and they pulled up next to my boat and told us to be out of there in 2 hours so they could start seismic testing. It takes 12 hours to haul in our gear and they wanted us out of there in 2 hours, no consultation, no nothing.”

Hook and line catch rates for various Redfish species were reduced by 50% in a California experiment using only one air gun. Standard seismic surveys are not limited to one gun. In 1985 Chevron proposed the use of up to 36 high-pressure air guns to perform seismic testing in the Hecate Strait area of the BC coast. Spread over an area 150 metres wide by 100 metres long, the guns would have fired every 15 seconds and covered a total distance of 5200 square kilometres.

TRUE OR FALSE ?



The offshore developments of the Hibernia Oil Field on the East Coast have Maritimers paying less at the pumps.

FALSE. They pay the highest gas prices in Canada

Alberta leads all of the ten provinces with the cheapest oil prices in Canada.

FALSE. Albertans pay prices equal to British Columbians before taxes.

Most of the crude oil produced in Western Canada is for Westerners.

FALSE. We export 2/3's of our Western oil.

Canadian oil and gas supplies primarily benefits Canadian consumers.

FALSE. Over 50% of supplies are shipped south of the border.

The explosive noise generated from seismic testing is also a concern to marine researchers. The marine environment is an acoustic world where sound is the main form of communication. Whale specialist, Dr. Paul Spong explains, “whales are animals which depend on acoustics for feeding, communication, reproduction and their complex social interactions. To impose even more noise on their environment could be disastrous to the already vulnerable Orca populations. We don't know everything about the impacts of such extreme noise, but what we do know indicates it would be detrimental to whales and other acoustically dependent animals.”

While very few experiments have examined the impact of seismic testing on marine mammals, one study indicated grey whales would alter their migratory path when exposed to seismic noise. Sperm whales in the Gulf of Mexico were displaced more than 50 kilometres when seismic surveys began. A study of bowhead whales in the Beaufort Sea indicated strong avoidance behaviour within 8 kilometres of an active seismic vessel.

The proposed area for oil exploration - Hecate Strait, Dixon Entrance, and Queen Charlotte Sound, was recognized by the 1986 West Coast Offshore Exploration Environmental Review as vital to the commercial fishery, accounting for over 50% of the landed value of all fishery products. This area is the migratory pathway for over a billion juvenile and adult salmon. Approximately 12,000 grey whales pass through these waters every spring and fall. It is also the summer and fall territory of northern resident orcas. Coastal life and its economy depend on the continued protection of these waters from invasive oil exploration. See page 6 additional information.

Sources and Additional Readings

If you would like to learn more about the risks associated with offshore oil and gas check out these web sites.

The Day the Water Died: Cultural Impacts of the Exxon Valdez Oil Spill. D. Gill and S. Picou. www.exxonvaldez.org/articles/picougill.html

An Analysis of the Environmental and Socioeconomic Impacts Associated With Offshore Oil and Gas Development in San Luis Obispo County. www.slochamber.org/business/cooger.html

Save Our Shores. California Public Interest Research Group. <http://www.pirg.org/calpirg/enviro/drill99/index.html>

A Crude Attempt. Spruceroots Magazine. www.spruceroots.org

Polluting the Offshore Environment www.gn.apc.org/pmhp/cbc/poffshor.htm

Oil In Marine Ecosystems: Potential Risks. www.heiltsuk.com

These papers and many more are available from Living Oceans Society. A complete list of references and further readings is available at our web site www.livingoceans.org

A DIRTY BUSINESS



■ A single exploratory well dumps approximately 25,000 pounds of toxic metals into the ocean.

■ “Routine” offshore drilling operations dump thousands of pounds of drilling muds into the ocean—muds that contain toxic heavy metals such as lead, chromium and mercury and potent carcinogens like toluene, benzene, and xylene.

■ A single offshore rig emits the same quantity of air pollution as 7,000 cars driving 50 miles per day.

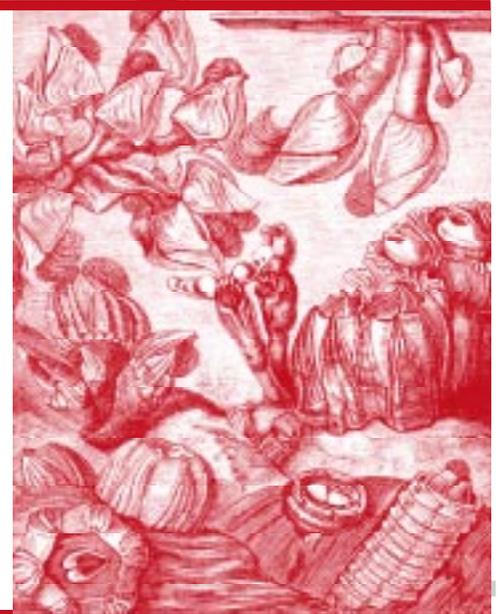
For more information check CALPIRG on the web www.pirg.org/calpirg/enviro/drill99/index.html

Feature Creature: *Barnacles*

Living Reef Project Training Coordinator Susan Francis acquired this article by asking ferry passengers “Do you know anything about barnacles and oil spills?” during a 2 hour trip. David Richter, a dedicated beach walker, computer whiz, and (now) volunteer newsletter contributor from Seattle WA provided us with the following interesting facts:

Known for millennia to sailors for slowing down their ships, the barnacle is especially ill suited to avoid the harmful effects of an oil spill. Barnacles are small, shelled, sessile animals that affix themselves to hard surfaces at shallow depths, even in places that are out of the water at low tide. Barnacles create super strong glue to attach themselves to rocks and other surfaces, making it impossible for them to move in the event of an oil spill. (*This glue, by the way, is some of the strongest found in nature and is being actively studied to understand how it works.*)

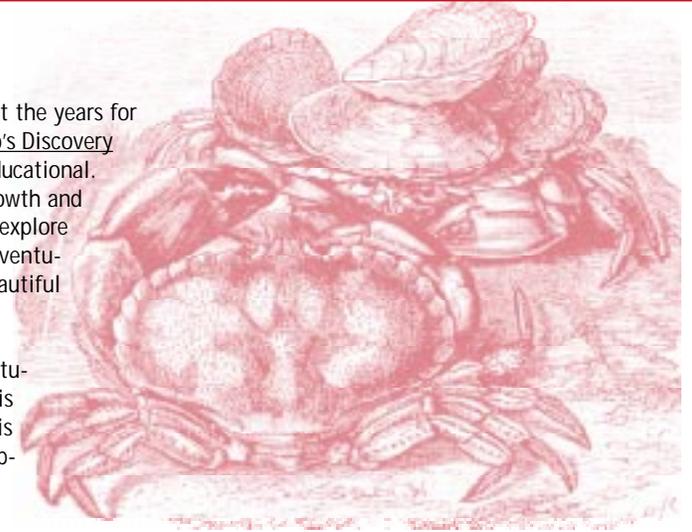
Barnacles gather nourishment by filtering plankton out of the water with their legs. Oil in the water would gum up the delicate filters making it impossible for them to eat. Worse yet, the plankton on which the barnacles feed cannot survive an oil spill. Barnacles, like all other creatures, play an important role in the marine ecosystem. If an oil spill were to kill off the many barnacles that presently encrust our shoreline, the ocean as we know it would be irrevocably changed.



Grasper, A Young Crab's Discovery

Many moving stories about the ocean and ocean life have been written throughout the years for people of all ages. My seven-year-old son and I recently read Grasper, A Young Crab's Discovery written and illustrated by Paul Owen Lewis, and found it to be entertaining and educational. In this beautifully illustrated children's story we find inspiration about change, growth and the importance of trying new things. Grasper, a young crab, senses a yearning to explore the world beyond his tidepool, but is hesitant because of fear of the unknown. Eventually he overcomes his fear and explores the world finding many exciting and beautiful discoveries.

This book seems especially suitable to audiences of small communities who eventually make the move to the larger communities. In these times of rapid change, this book offers us reassurance that sometimes change can be a good thing. Grasper is available through the public library system and is published by Beyond Words Publishing.



Secret Coastline, Journeys and Discoveries Along BC's Shores

For those of you learning about BC's vibrant coast this is a great introduction to the people, places, wildlife, and boats that inhabit these shores. Andrew Scott recounts his personal journeys along the coast while travelling by kayak, powerboat or plane. This collage of different images clearly shows how this coastline has many secrets to share if you are willing to adventure beyond the shore.

The chapter we find of particular interest highlights Living Oceans Society and its founder Jennifer Lash. This chapter discusses the motivation that led Jennifer to create Living Oceans Society and the goals of this organization to establish marine protected areas. We think you will find this of particular interest (but we might be a bit biased).

This book also talks about whale researcher Alex Morton, artist Stewart Marshall, the picturesque community of Telegraph Cove, the magnificent story of the pacific white sided dolphins, the history of the eco-tourism vessel the Columbia, the tangled past of Jedidiah Island and lots more. Great summer reading whether you live on the coast or are dreaming of coming here. This book is published by Whitecap Books.

SEA STORY

There are many fascinating people on our coast and we thought it would be worthwhile to introduce some of the people who have contributed to the health of our coastal waters. If there is someone you would like us to feature, write us a short bio and include their favourite ocean experience.

Alexandra Morton has lived on the coast for many years. She originally moved here to study the communication of whales and continues to work towards the health of whales and our ocean. Alex has been instrumental in researching the impacts of fish farms on whales, seals and wild salmon. She has also worked hard to stop pesticide/herbicide spraying in Echo Bay, BC where she lives. Her dedication to the ocean, whales and the environment is inspirational. Below is her most memorable experience on the water, told in her own words.

"I was following the A5 pod of orca in Queen Charlotte Strait when an approaching fog bank caught me. Suddenly, it was as if I was in a glass of milk, I could see nothing. This was my first experience with fog and I was appalled at my complete lack of direction. It was late in the day and as if matters were not bad enough, the throb of a cruise liner propeller suddenly became audible over my hydrophone. I only had one hydrophone, and therefore had no sense of which way the huge ship was coming from. I was terrified that at any moment the fog would be split mere metres from my zodiac by a towering, approaching bow. I still remember the terror creeping up my body. I needed to find safety somewhere before I was consumed with panic. Then the whales blew right beside me. Relief washed through me and I thought, 'I'll stay with the whales.' This was before I knew that sometimes they bowride on cruise ship wakes!

For the next twenty minutes the whales stayed with me. If they had surfaced too far away I would have lost them, but they criss-crossed beneath me so closely I kept clicking my engine into neutral out of fear of hitting them. Then a faint outline of a tiny islet appeared in the fog and I burst out into a glorious sunset and evening. My fear forgotten, I waited for the whales to continue my research, but they never appeared.

My mind raced to make sense of this. The whales had turned completely around to help me reach this island. But as soon as I had found safety, they returned to their original course. At that point I found myself believing the many stories of dolphins rescuing shipwrecked sailors. I now look at whales differently, full of new possibilities."

LIVING OCEANS SOCIETY

Staff

Executive Director Jennifer Lash
Executive Assistant Elicia Harris

Living REEF Project
Training Coordinator Susan Francis
Science Coordinator Dana Haggarty

Food For Thought Project
Researcher/Writer Karen Sommer

MPA Project
Fisheries Outreach Coordinator Bruce Burrows
GIS Manager Jeff Ardron
Coastal Community Outreach Co-ordinator
Aaron Tinker

Oil and Gas Research Project
Researcher/Writer Oonagh O'Connor

Newsletter
Published by Living Oceans Society
Writers Oonagh O'Connor
& Jennifer Lash
Edit, Design and Layout Sound Dog

Board of Advisors and Directors

Dr. Elliott Norse, President
Marine Conservation Biology Institute
Founding Member and Advisor

Dr. Michael Soule, Research Professor,
University of California – Santa Cruz
Founding Member and Advisor

Natasha Hopkins, Funding Liaison,
David Suzuki Foundation
Chairperson

Dr. Jody Holmes,
Sierra Club of BC
Director

Catherine Stewart Forest Campaigner,
Greenpeace Canada
Director

Karen Wristen, Executive Director,
Sierra Legal Defence Fund
Director

THANK YOU

Living Oceans Society depends on a lot of people for a lot of help. We would like to extend a special thanks to:
Win and Bert Burrows, Dr. Elliott Norse, Will Soltau, Jan Grant, Lynn Hunter, Elaine Corbett, Holly Tracy, Ruth McMurchy, Laurie MacBride, Bruce Hill, Rob Brown, Ian Lordon, David Richter, Jose Pepe Murrieta, Howard Breen, Keith Symington, Carmen Burrows, Dorteia Hangaard, Alan Wilson, Craig Orr, ESRI Conservation Program, Chris Malaka, Rick Deegan, Zach Ferdana, Roberta Pickart, Charles Convis, Alex Morton, Yvon Gesinghaus, and all the fishermen and First Nation people who voiced their concerns about fish farms in the Broughton Archipelago.

SEND US A NEW NAME AND WIN A PRIZE!

This is the third issue of our newsletter called Living Oceans Newsletter. A precise but rather boring name that we would like to change. Our staff recently put their heads together and came up empty handed so we are turning to you for help. Can you think of a good name for our newsletter?

The winner will receive a copy of our cookbook Fish For Thought and a copy of Andrew Scott's new book Secret Coastlines, Journeys and Discoveries Along BC's Shores.

Submissions must be in by September 30, 2000 and can be sent to us at oceans@livingoceans.org or by mail at 179 Second Street, Sointula, BC, V0N 3E0.

Send us your Canadian Tire Money!

Living Oceans Society is always in need of general supplies that we can purchase at Canadian Tire. If you donate your stash to us we will put it to good use!



Become a friend of the Living Oceans Society

Your generous support will help the Living Oceans Society continue to develop and implement programs designed to protect our ocean.

Return form to: **LOS, Box 166, Sointula, BC, V0N 3E0, CANADA**

Name: _____ Address: _____

City/Town: _____ Province: _____ Postal Code: _____

Phone Number: _____ Fax Number: _____ Email: _____

Choose Your Species

- | | | | |
|-----------------------------------|----------------|------------------------------------|------------------|
| <input type="checkbox"/> \$10.00 | Wolf Eel | <input type="checkbox"/> \$200.00 | Steller Sea Lion |
| <input type="checkbox"/> \$30.00 | Red Irish Lord | <input type="checkbox"/> \$500.00 | King Crab |
| <input type="checkbox"/> \$50.00 | Killer Whale | <input type="checkbox"/> \$1000.00 | Giant Octopus |
| <input type="checkbox"/> \$100.00 | Tiger Rockfish | <input type="checkbox"/> _____ | Other |

