



BIO-OCEANS ASSOCIATION NEWSLETTER

Issue 3

April 1999

OCEANOGRAPHY COURSE FOR GRADE 11 STUDENTS AND OUR PARTICIPATION

There is a new oceanography course for Nova Scotia high schools – Oceans 11. This is opening up the possibility for anyone interested to be involved as a resource person, helping some of our 17 year olds to understand the importance of the ocean as part of our environment-both locally and globally. Oceans 11 is a four module course – each about 24 hours in length. *Oceans – Structure and Motion* and *The Marine Biome* are required modules. Then the teacher/class can choose any two of: *Aquaculture – Farming the Ocean*, *The Fisheries Resource*, *Our Coastal Zones – Managing Their Use*, *Ocean Industries*, or *Coastal Navigation*. If you are interested in helping as a resource person or a classroom speaker, or would like further information please contact Gillian Elliott, liaison for BIO Oceans Association (434-6072).

“If A equals success, then the formula is

A=X+Y+Z, where X is “work,” Y is “play,” and Z is “keep your mouth shut.”

- Albert Einstein

Editor’s note: In discussing the idea of joining forces with BIO personnel on the “Community Project With Schools”, we discovered that the Oceans Act Coordination Office of BIO has been actively involved with the NS School Board in the development of a new oceanography course for Grade 11. This project is well under way. The course will be offered this fall. Our involvement in the project will be as a “resource group”. Gillian Elliott has agreed to act as the BIO-Oceans Association’s liaison person on the project. We are very fortunate to have Gillian on board. What a great job she is doing! Let’s get involved! Help would be appreciated! We are hoping this will be the beginning of many, many “school projects” in the future.

STATUS ON THE SEARCH OF A NAME FOR OUR NEWSLETTER

To date, we have received eleven suggestions for a name to highlight our newsletter, along with several suggestions “to leave it as it is”. A committee will narrow the list down to 3 names, and members will get the chance to vote on their choice at the annual general meeting in May.

“640 K ought be enough for anybody.”

*- Bill Gates,
1981*

DATES TO REMEMBER

Annual General Meeting : Tuesday, May 11, 1999
2:00 PM BIO Auditorium

Payment of membership for 1999-2000 is due on April 30, 1999. New members who have joined since January 1, 1999 are already covered for 1999-2000.

MESSAGE FROM THE PRESIDENT

Our first year as an association is coming to a close. I believe we are beginning to form an identity, and have already acquired a reputation for being willing to become involved in activities which will contribute to the community and make BIO a place to remember.

Our newsletter is fast becoming a very important vehicle of communication which provides information to all of our members, and with which members can keep in touch with friends and former co-workers. Just recently, thanks to Bosko Loncarevic, our newsletters are being put up on the net, hence have become more accessible, especially to our members who live afar.

During the coming year, we hope to continue working together with BIO on such projects as the archives, the new high school oceanography course, and other projects of mutual interest.

I hope you will all enjoy your spring gardening or whatever, and I sure hope to see you all at our annual meeting on May 11th at BIO.

Note: To access our newsletter: <http://fox.nstn.ca/~pitch/BIO-News> (Please note the capital letters of BIO and News must be typed in as they are.)

REPORT ON THE WINTER SOCIAL

Thanks to the efforts of Sharon and Don Locke, this turned out to be a very enjoyable and successful evening. It was held on Saturday, March 13, at the Austenville Owls' Club, which is situated on the shore of Lake Banook, and naturally boasts a terrific view.

Thirty people attended an evening of games and conversation. Games included Bridge, Monopoly, Scrabble and Liars' Dice. Those who did not want to play a game passed the evening in conversation. The last group left an hour later than originally intended. We definitely plan to hold more of these informal get-togethers, it is a great way for everyone to get to know each other.

UPCOMING ART, CRAFT AND HOBBY SHOW

Don't forget this event, which will be held in the fall of this year at the Bedford Institute. As we mentioned before, this will not be a sale, rather an exhibition only, although exhibitors may take orders for future sales. This will be a good way to show others just how we retirees are spending some of our spare time. People who have heard about it have shown great interest in attending, and we already have several potential exhibitors. So please join us, and become an exhibitor, or help with the organization of the event. The organizing committee presently consists of Gordon Bowdridge, chair (865-7530), Carl Cunningham (434-5749), and Marlene Karg (434-8617). Please give a member of the organizing committee a call if you wish to exhibit or are even just considering it. This event will also be discussed at the annual meeting.

TRAVEL CORNER

Unfortunately, very little interest has been expressed in a bus trip to Newfoundland – at least for this year. The itinerary suggested by Newfie George Anderson sounded great, so perhaps we can put the idea on the back burner, for reconsideration next year. Thanks to George for the idea. Even if a suggestion cannot be followed through right away, it is very encouraging to receive input from members.

There has been some interest in a bus trip to Cape Breton and the Cabot Trail. Suggestions to date favour a fall trip (when the leaves are in full colour) which could last 3-4 days. Even if you are only slightly interested, please call Jackie Dale (466-2584), so that we will notify you when the time comes to discuss the idea further. Please, don't hesitate to call – if no answer, leave a message, and you will hear from us.

The bus trip to old Quebec City is still being considered, but there too we need to know how many people are interested – since this will decide upon the size of vehicle we will require. Call Linda Seto (479-2461) to be placed on a list to be notified of a meeting to discuss.

Note: Please don't hesitate to call any member of the executive (contact numbers are elsewhere in this newsletter) even if you are only considering participation in a single excursion. It is the only way for organizers to know that you are interested. We also welcome any suggestions for future trips. Don't miss out on a great fun trip just because you have not made your interest known.

How about those of you who live outside the Province? Would you be able to join us on one or more of our trips? Do you wish to be notified when one is being considered?

TRAVEL TALK ON THE BRITISH WATERWAYS

This presentation by Cliff Tyner, first planned for February 2nd, was postponed until February 17th, due to union picketers at the entrance to BIO. Travelling along the canals in a "narrowboat" seems to be a unique and very enjoyable way to spend 1-2 weeks, depending upon individual interests and commitments. Everyone who attended the talk thoroughly enjoyed the very interesting and informative talk, and several are seriously considering making the trip, with a tentative date of May / 2000.

The boats range in size, each with accommodation for 2-8 people, are apparently simple to operate, and travel at a very slow pace through many villages, towns and peaceful countryside. There is even one route which passes through London, and allows for a 48-hour stopover. They travel through the occasional tunnel, and cross aqueducts up to 40 meters high.

The trip could be taken in conjunction with another week of sightseeing on your own, or a visit to relatives or friends. For instance, if a certain number of people wanted to combine a canal trip with a week in London, we can search for acceptable accommodation, and book as a group, but then each could do his/her/their special thing. Late spring seems to be the favoured time of year to go, when the weather is comfortable, the high season has not yet kicked in, and traffic would not be as heavy (schools are not yet out for the summer). We plan to hold another meeting in May, so please let us (Bob, Dale, Clive, Jackie) know if you want to be called.

UPDATE ON MEMBERSHIP

Membership has grown to 137 since the end of December. The increase is mainly the result of sending the January newsletter to approximately 160 past employees, most of whom had not responded to our first mailing. We are having difficulty because some addresses are incomplete, and we have not been able to reach others by phone. We are pleased that news of our Association has spread; we now have members residing in the Yukon, British Columbia, Alberta, Manitoba, Ontario, Quebec, Newfoundland, Nova Scotia, North Carolina, Bermuda, New Zealand and China! We are still looking for new members. Betty will do her best – as she always does – even if you can only provide her with a phone number, e-mail address, or whatever. Please call her at 443-2572.

WHAT IS A GRANDMOTHER?

Those of you who are grandparents may be interested in this composition written by a third grader, several years ago. It obviously represents at least one child's view – I wonder how many others?

A grandmother is a lady who has no children of her own. She likes other girls and boys. A grandfather is a man grandmother. He goes for walks with the boys, and they talk about fishing and stuff like that. Grandmothers don't have to do anything except be there. They are so old they shouldn't play hard or have fun. It's enough if they drive to the market where the pretend horse is and have lots of dimes ready. Or, if they take us for walks, they should slow down past things like pretty leaves and caterpillars. They should never say hurry up. Grandmothers are usually fat but not too fat to tie your shoe. They wear glasses and funny underwear. They can take their teeth and gums off. Grandmothers don't have to be smart, only answer questions like – why do dogs chase cats? Everybody should try to have a grandmother especially if you don't have a TV, because they are the only grown ups who have time.

WHO AM I (#2)?

I began after the wash.
 Used distant information about very small things
 Had a near fatal experience, but had angels on my side.
 Briefly lived in a land purported to be newly discovered.
 Participated in Caesar's accomplishments.
 Found that sand was a real barrier.
 Returned to my mother's land to help solve problems.
 Visited the orient and the occidental.
 I am a recent inductee to BIO-Oceans Association.

Here is another puzzle for you. As stated previously, the first person to phone Bob Reiniger with the answer will win a prize. Don Dinn won the last contest (Roger Belanger). Although Don has not yet received his prize, we are definitely working on it, so Don, don't despair! (Roger's biography appears elsewhere in the newsletter.)

WHO AM I? (#1)
(Clues in January 1999 Newsletter)
Roger Belanger

Roger was born at Nouvelle, Gaspé, Quebec. He joined the Royal Canadian Air Force in 1955, developing his interest and training in photography in photo reconnaissance units over an 11 year career. He came to BIO in 1966, joining Norm Fenerty in the new Photographic Unit. His first oceanographic expedition was to the Mid-Atlantic Ridge with Bosko Loncarevic as the senior scientist. In the late 1960s Roger expanded his photographic techniques with scuba diving applications. In 1968 he participated in a HUDSON expedition to the Caribbean, with visits to St. Lucia, St. Vincent and Trinidad, in support projects carried out by Charlie Schafer, Jim Marlowe and Kate Krank.

After the major oil spill from the tanker ARROW in Chedabucto Bay in 1970, Roger was involved in photographic documentation of the immediate impact of the spill, as well as follow up studies over the next two decades. He was also instrumental in developing photographic techniques for sampling programs in the Canso Strait Environmental Marine Geology Study in 1973. Studies of sediment dynamics by Ed Owens in the Magdalen Islands (1975-76) and Martinique Beach were enhanced by the photographic contributions of Roger.

Other expeditions and projects took Roger on trips far from the BIO base. He was a participant in the HUDSON '70 Expedition from Hershel Island in the Beaufort Sea to Resolute Bay. In 1974 he was with BAFFIN in the Guyana Hydrographic Survey. Roger's several Arctic experiences included expeditions with HUDSON and BAFFIN in the 1977 and 1978 cruises. An Arctic expedition without ships was a pioneering survey of the Arctic Ocean from an ice camp on the LOREX Expedition (1979) where Roger worked with Steve Blasco and was responsible for photographic data including deep sea camera techniques through the ice. Roger again worked with Steve Blasco in the Arctic in 1989 in a successful expedition to photograph the sunken hull of the BREADALBANE. Hydrographic surveys of Baffin Bay using BAFFIN in 1980 also included Roger's photographic contributions.

Roger made a number of innovative contributions to oceanographic photography. He was involved in developing underwater photography and TV imaging using scuba. He was also involved in deploying photographic and electronic imaging technology from submarines and remote operated submersibles, such as the SDL deployed from CORMORANT. Roger's contributions extend from the deep to the air. He helped to develop a photographic system for remotely monitoring sediment movement in the intertidal areas of the Bay of Fundy using a tethered balloon (1978). He also developed a photographic system to be used on Coast Guard helicopters to document coastal features, oil spills, coastal erosion and sewage effluents.

Not all Roger's contributions were strictly scientific or technical. He has the artist's eye for aesthetic beauty and has provided much evidence of his talent in photographs now found around BIO and in the treasured mementos of many who have worked at BIO. Roger's sense of humour is a topic of many tales of BIO folklore. Roger now has an estate at Grand Desert (near Lawrencetown, N.S.) where he has lived since retiring in 1991. He makes wine, grows vegetables, and enjoys his dogs.

A NOTICE TO E-MAIL USERS

We are in the process of entering all association e-mail addresses we receive. Once this is done, those of you on that list will no longer receive your notices by phone. However, we ask that you send a short reply to let us know whether you are interested in attending a specific event, can participate in any way, etc. We have not been phoning those of you who live outside the province when we are planning local events, but if you do have an e-mail address, we will send notices along to you as well, just for information.

“The concept is interesting and well-formed, but in order to earn better than a ‘C’, the idea must be feasible.”

- A Yale University management professor in response to Fred Smith's paper proposing reliable overnight delivery service.
(Smith went on to found Federal Express Corp.)

BIO Archives Update by Carol Broome, Archives Researcher, BIO Library

For the past thirty-six years, those historical documents relating to the development of the Bedford Institute of Oceanography have been stored among various other Library documents awaiting processing. However, during the summer of 1998, an attempt was made to organize those pertinent historical documents in such a way as to ensure their continuing importance as an information resource. Under the patient direction of the BIO Library staff, the above-mentioned documents were organized according to generally-accepted archival principles (GAAPs). In order to accomplish this task, the Library maintained open discussions with the staff of the Public Archives of Nova Scotia. Furthermore, with the assistance of the PANS staff, a formal policy for the continued maintenance and expansion of the BIO Archives was developed. The resulting Archival Policy Statement is available through the Library Office.

To date, the Archives has expanded to include eleven broad categories of information. (A more detailed description follows this update.) In total, the information gathered has expanded to occupy approximately forty acid-free storage cases, and eight acid-free storage boxes. Moreover, in an effort to preserve the physical state of the current archival material, over \$500 worth of specially selected archival-quality supplies have been purchased through the Library Office. In addition, there are plans under consideration at this very moment to create a special space within the BIO Library to house a permanent Archives.

In conclusion, the future of the BIO Archives appears bright. The Library Office has made a firm commitment to the continued collection and preservation of BIO's historical documents. The Library Office would welcome any submissions made by retiring staff, and looks forward to the cooperation of the Association in this long overdue endeavour.

**A SIMPLE EXPLANATION of the ARCHIVAL FONDS CATEGORIES
as compiled by Carole Broome of the BIO Library September, 1998**

INTERNAL PUBLICATIONS : (1) Meeting Minutes, (2) Newsletters and Briefings,
(3) Annual and Biennial Reports, (4) Library Reports.

PERSONAL PAPERS : (1) Collin, (2) Dickie, (3) English, (4) Ford ; (a) papers and essays,
(b) speeches given, (c)retirement, (5) Gilbert, (6)Hachey, (7)Jones ,
(8) Lakminsharayana, ,(9) Nicholls, (10) Walton.

GENERAL and HISTORICAL INFORMATION : (1) General Information; (a) reports,
(b) CCO/JCO ; (i) basics, (ii) work of the CCO, (iii) minutes ,(iiii) correspondence,
(2) Historical Information ; (a) early years, (b) twenty-fifth anniversary ,
(c) public relations and open houses ,(d) Publications ,(e) administration and finance,
(f) general, (3) Operations ;(a) OAS, (b) MEL ,(c) AGC ,(d) CHS ,(e) BIOMAIL ,
(f) ETS ,(g) AOL ,(h) OIS , (i) OSS , (j) MSB ,(k) AOG ,(l) MS ,(m) PS.

HISTORICAL INFORMATION :(1) Early Years; (a) the building ,(b) Opening week ,
(2) Twenty Fifth Anniversary ; (a) correspondence ,(b) expenditures ,(c) meeting minutes,
(d) Original items, (3) Administration and Finance ; (a) Contracting , (b) finance ,
(c) organization, (4) Publications ; (a) historical ,(b) Nicholls ,
(5) Public Relations and Open House ,(6) General.

SHIP and CRUISE INFORMATION : (1) Hudson '70 ;(a) scientific results and crew
(b) public relations ,(c) initiative and planning, (2) Finances and Viability
(3) Other Ships ;(a) CGS Labrador 1964 ,(b) CSS Hudson ,(c) CSS Acadia , (d) General.

OLD OCEAN RECORDS : (1) Halifax and Nova Scotia ,(2) Passamaquoddy Bay ,
(3) Conversion Tables ,(4) Library ,(5) General.

SPECIAL PROJECTS : (1) The Gulf Year ;(a) biological work ,(b) meetings and planning ,
(c) chemical-geological goals ,(d) general ,(2) Arctic Needs ;(a) Grande Baleine ,
(b) Hudson and James Bays ,(c) arctic issues workshop ,(3) CASP ,(4) Project Oil.

PROJECT OIL ; (1) Articles and Reports ;(a) oil-water mixtures ,(b) oil removal ,(c) general ,
(d) technology and chemistry ,(e) emulsions ,(f) hydrocarbons ,
(g) environmental effects ,(2) Newspaper Clippings ; (a) Newfoundland ,
(b) Quebec ,(c) New Brunswick ,(d) Manitoba ,(e) Nova Scotia ,(f) Alberta ,
(g) British Columbia ,(h) Prince Edward Island ,(i) Saskatchewan ,(j) Ontario ,
(3) Bibliographies, (4) Abstracts.

Dr. W . B . DAWSON : (1) Memos ,(2) Documents and Manuscripts, (3) Research ,
(a) upper and lower traverse ,(b) Gaspe , Quebec ,(c) Nova Scotia (d) General.

UNITED NATIONS : (1) The law of the sea ,(2) IMCO ,(a) convention documents ,
(i) 1973/76 marine pollution symposiums ,(ii) bulk chemicals, (b) yearly documents ,
(3) ECOR ,(4) SCOR ,(5) General ,(a) FAO ,(b) GESAMP ,(c) RODAC ,(d) miscellaneous.

253 Sportsplex

PERSONALS

Robert "Bob" Kiley died suddenly March 13, 1999, at home. Bob served as a Fishery Officer with DFO for 21 years. He began his career on Deer Island, NB, transferred to Digby, and was eventually stationed at regional headquarters in Halifax.

Andre Carmichael, who was second steward on board CSS HUDSON, passed away in October, 1998.

Brian Cox, who many of you will remember was electrical officer on CSS HUDSON, and who also worked ashore in the old Ships Division, also passed away in October of last year.

Bill Findlay, who was in charge of the Depot motor shop, and was also, for a time, President of PSAC Union Local 80717, died in September, 1998.

Leo Demont, a familiar face in the Depot Stores for many years, lost his wife, **Joyce**, in March of this year.

We would like to express our sincere sympathy to all of these families upon the loss of their loved ones.

Contacts (for information) :

(Please note the correction made to Dale Buckley's phone number)

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