

BIO-OCEANS ASSOCIATION NEWSLETTER

Issue 22, January 2004

On the web at: <http://www.bedfordbasin.ca/>

MIKE FRIIS ELECTED LIFE MEMBER OF BIO-OCEANS ASSOCIATION

After over 25 years of service as BIO's well-known and popular "mail person", Mike Friis retired on December 19, 2003. A well-attended farewell gathering was held for Mike in the Needler Board Room where his friends and colleagues from all sections and all floors of the complex dropped by to present him with gifts and keepsakes and to wish him well.

Taking advantage of the occasion, President David Nettleship announced that our executive and general membership had elected Mike Friis as a Life Member of the Bedford Institute of Oceanography Oceans Association. He offered Mike our warmest congratulations and best wishes, and then presented him with his membership card and a letter confirming his election.



Above, hat lover Mike Friis models one of the gift hats he received at his retirement party.



At left, President David Nettleship presents Mike with his Life Membership to the BIO-OA.

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PRESIDENT'S NOTE:

**"CELEBRATE SUCCESS
AND
POSITIVE NOTES"**

by David Nettleship

Depending on how you feel about snow, Nova Scotia had a wonderfully mild or a terribly wet holiday season this year, but one thing remained constant. It was a great chance for reuniting with family and friends, for looking back at the past year, and for looking ahead to the challenges and opportunities of the coming year. 2003 was an outstanding and powerful year for the BIO-Oceans Association and the stage is set for a 2004 that begins and continues along the route of positive notes.

The principal components of the OA Plan for 2003 were highlighted in the 'President's Note' published in the OA newsletter this time last year, January 2003. On reflection, I'm overjoyed to see that considerable advancement on all four themes outlined at that time – the Archives March, Archives Materials, Beluga Award Nominations, and Membership Growth – has been attained. In certain instances, mainly with the development of BIO archives policy and procedures for library and equipment/artifact materials, the actual achievements have exceeded the original goals. This is a great step forward for our organization.

As usual, 2003 was filled with interesting and enjoyable events ranging from the outstanding program reviews of the Annual General Meeting and presentation of the Beluga Award in May to lectures in the OA Seminar Series and summer/fall social activities. Who can forget the outstanding summary presentations given at the AGM 2003 or the lectures on 'sharks: status and conservation' by Dr. Steve Campana and 'seabed management: new technologies and rewards' by Mr. Gordon Fader? Combined with the numerous social outings – winter (art gallery), summer (Halifax-Chebucto cruise, St. Margaret's Bay barbeque), and fall (Portobello locks, wine & cheese) – organized by our social committee

(Chair: Jackie Dale), the past year has been an exceptional one.

Overall, we are making monumental strides forward when it comes to our priority goals and objectives. For example, the development and ratification (by BIO managers) of a BIO Archives Policy spearheaded jointly by BIO Librarian and Archivist Marilyn Rudi and Dr. Bosko Loncarevic, Chair of the OA Library Archives Committee, represents an outstanding and invaluable accomplishment, one that offers untold potential for the future. The recent production of official guidelines for acquisitions and accession forms for archival library materials is real progress towards the establishment of a true BIO archives in accordance with professional archival procedures; a similar photograph index work form system has been prepared by the BIO archivist and the OA Photography Archives Committee. And a second exemplary example of progress on a priority work item is that done by the Equipment/Artifacts Archives Committee (Chair: Dr. Charles Schafer). Preliminary results of work by this committee appeared in the July 2003 issue of the OA Newsletter (see pages 3, 11-12). But additional work took place during the late summer and fall, and the final proposal of the BIO-OA 'Equipment/Artifacts Archives Project' (EAAP) has been completed and will be submitted to BIO managers for consideration early in 2004. And, lastly, there is our well-established BIO-OA Beluga Award (BA), with numerous nominations for the 2003 award received from the BIO community for the BA selection committee (Chair: Mr. Dale Buckley) to assess and pick the third recipient of this prestigious award. Without question, we, as an organization, are now on our way to realizing some of our initial goals and making a valuable contribution to BIO and its history. Heartiest congratulations to everyone.

Should we now be satisfied and content? Not for one minute. Yes, we should bask in the glory of what we've accomplished over the last year or so, but that feedback might best be used to see the major strides that can be made over the short term and future opportunities. There remain many tasks to be undertaken and completed. Now that we have generated the momentum, let's press on with putting the 'stepping stones' to good use by continuing to

gather, collate, and record materials for all three archival programs – library, equipment/artifacts, and photography – using the established accession and acquisition techniques and procedures developed through the past year. And, of course, we still have the responsibility to move forward on current and new initiatives. If these comments appear frightening – making you feel that it's all work and no play – perhaps it's time to revisit the fun-filled experiences we've enjoyed over the past year. A proper balance within a 'work and play' regime leads to joy and fulfillment!

Now that we see what has been accomplished over 2003, let's give some thought to the future. The OA plan for 2004 remains much as it was for 2003 – continued forward movement on all archival exercises and continued generation of an enjoyable social venue. To attain these objectives, we require involvement by members on all fronts. A satisfactory social program requires input by everyone, ideas of what to do along with participation in ensuring they get done. Give your ideas and suggestions to social activities Chair Jackie Dale. Participation on one or more of the three archival committees is most welcome; simply contact the chair of the committee you're interested in volunteering some time to accomplish the goals identified. Of course, everyone is welcome to offer to serve as a member of the BIO-OA Executive. 'Fresh blood' is essential to the well being of any organization, and so, I urge you to consider joining the executive for a year or more – a wonderful experience based on first-hand experience! My 2-year term as President expires in May of this year, and I'm very pleased to announce that current Vice President Don Peer will replace me at the helm. Please forward all offers and/or nominations to serve on the 2004-05 OA Executive to me as soon as possible; a nominations committee comprising the two current Vice-Presidents and me will be reviewing the present executive and identifying nominations for vacancies – e.g., 2 vice presidents. Please don't hesitate to volunteer. And in closing, on behalf of the Executive, let me extend best wishes to you and those you hold dear for a new year of good health, happiness, and peace.

MEMBERSHIP REPORT – JANUARY 2, 2004

By Betty Anderson

Our membership now totals 172, including 13 non-renewals and 5 deceased members who are prepaid (Andy Atkinson, Lewis King, Mike McMullen, Russ Melanson, and Hans Neu). Mrs Janet Charest, who retired from Library staff in 1984, became a member on November 19, 2003, and Mike Friis, who retired from Administration Services on December 19, 2003, is now a Life Member. Please update your telephone lists as follows: Janet Charest (tel.: 902-462-8512) and Mike Friis (902-434-8189). To date, membership fees total \$6,558.96, which comprises \$4,943.96 collected from 1998 to January 2, 2004, and \$1,615.00 from prepaid memberships.



TRAVEL TIPS

TOUR GUIDE TERMS & ... THEIR TRANSLATION

Old world charm ... No showers, no bath
Tropical ... Rainy
Majestic setting ... Far from town
Options galore ... Nothing is prepaid
Secluded hideaway ... Impossible to find
Pre-registered rooms ... Already occupied
Explore on your own ... Pay for it yourself
Knowledgeable hosts ... They've flown before
No extra fees ... No extras
Nominal fee ... Outrageous charge
Standard ... Substandard
Deluxe ... Standard
Superior ... Free shower cap
All the amenities ... Two free shower caps
Plush ... Top and bottom sheets
Gentle breezes ... Occasional gales
Light and airy ... No air conditioning
Picturesque ... Theme park nearby



FINANCIAL REPORT - JANUARY 2, 2004**PERIOD: 1998-2004***By Betty Anderson***OPERATING FUND****FOUNDATION FUND**

Member Fees:	\$6,558.96
Socials:	340.39
Bank interest:	<u>468.35</u>
Total Income:	7,367.70
Less: Expenses:	<u>1,821.90</u>
	5,545.80

One Business Account with ING Direct covering 9 deposits commencing at 3.85%, now 2.5% Interest	\$5,125.00	
	<u>245.54</u>	<u>5,370.54</u>

CASH IN BANK:	<u>\$175.26</u>
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Donations:	\$5,849.15
Lunches, Beluga Awards,	224.34
Bank Interest:	<u>0.54</u>
	6,074.03

Expenditures:		
Beluga Award	5,809.35	
Bank Charges and Cheques:	26.72	
Lunches:		
2002	94.39	
2003	<u>129.95</u>	<u>6,060.41</u>

CASH IN BANK:	<u>\$13.62</u>
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Brief Obituary Notices

Joan (Young) Daneau passed away on December 12 at home after a courageous battle with cancer. Joan worked for many years at Hermes Electronics, and also in the Ships Division at BIO.

Victor (Vic) William Hilchey, 87, passed away in Halifax on November 2, 2003, after a lengthy battle with cancer. Vic was BIO's Regional Financial Officer from 1962 until his retirement in 1976.

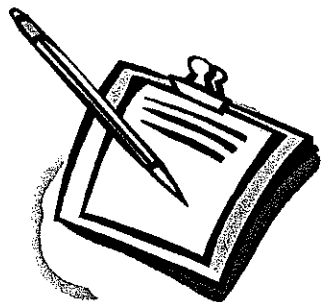
Robert Michael (Mike) McMullen, 67, passed away in Winnipeg on October 29, 2003, after a lengthy battle with heart disease. A longtime employee of the Department of Fisheries and Oceans in Ottawa and at the Manitoba Fresh Water Institute, Mike was also the first Head of BIO's Scientific Information Services and Library Group in the 1960s.

Inner Strength

If you can start the day without caffeine or pep pills,
 If you can be cheerful, ignoring aches and pains,
 If you can resist complaining and boring people with your troubles,
 If you can eat the same food every day and be grateful for it,
 If you can understand when loved ones are too busy to give you time,
 If you can overlook it when people take things out on you,
 If you can take criticism and blame without resentment,
 If you can face the world without lies and deceit,
 If you can conquer tension without medical help,
 If you can relax without liquor,
 If you can sleep without the aid of drugs,
 If you can do all these things,
 Then you are probably the family dog.

WHAT'S GOING ON:

**1 JANUARY —
5 APRIL 2004**



Here are some current and upcoming events in and around the Halifax Regional

Municipality that may interest members. Send in event listings to the OA Newsletter Editor, Michael Latrémouille, for inclusion in future issues of the newsletter (voice: 434-4036; internet: latremouille@accesswave.ca). Thanks to David Nettleship for this compilation.

1 January to 31 May: Maritime Museum of the Atlantic – 'Charting the Waters: Hydrography in Atlantic Canada' (part of the celebration of the 90th anniversary of CSS *Acadia*)

1 to 30 January: NS Museum of Natural History – 'Hanging with the Dawgs Exhibit' by Len Wagg (photo exhibit of wolves based on work done at the Canadian Centre for Wolf Research, Shubenacadie, NS)

13 January: Maritime Museum of the Atlantic – 'Caribbean Cruising' (7:30 pm – illustrated talk by Kerry Gillis about adventures to the Caribbean on board cruise ships; see also 3 February)

15 January: St. Margaret Sailing Club (French Village, St. Margaret's Bay) – 'Waves for Sailors: Roll on, Thou Deep and Dark Blue Ocean, Roll!' (8:00 pm – illustrated lecture by Dr. Fred Dobson, BIO) [Contact: David Nettleship – phone 826-2360 or e-mail dnnlundy@navnet.net]

21 January: NS Museum of Natural History – 'Silver and Other Precious Metals in Nova Scotia' (7:30 pm – illustrated talk by geologist Paul Smith, NS Dept. Natural Resources, on Nova Scotia's rich geological history and precious metals including silver)

23 January: OA Executive Meeting (BIO) [Contact: David Nettleship -- phone 826-2360 or e-mail dnnlundy@navnet.net]

27 January: Maritime Museum of the Atlantic – 'In Defense of Nova Scotia: the Frigate Wars with France and the United States, 1793-1815' (7:30

pm – illustrated talk by Julian Gwynn on the role of the Halifax Squadron with Revolutionary and Napoleonic France, and War of 1812)

28 January: NS Museum of Natural History – 'Silver Exposed – A History of Photography' (7:30 pm – talk by Susan McEachern on the origin of cameras and the process of development of film)

1-29 February: Maritime Museum of the Atlantic – 'Restoring a Stevens Class Sloop' and 'New Life for RMS *Franconia*' (boat building/restoration demonstrations – phone 424-7490 for specific times) [Contact: Don Peer – phone 857-9268 or e-mail d.peer@ns.sympatico.ca]

2 February: NS Institute of Science (at NS Museum of Natural Science) – 'Composting in Halifax Regional Municipality' (7:30 pm – lecture by Jeff Traver, Miller Waste Systems) [Contact: Jim Stewart – phone 826-2025 or e-mail stewartje@mar.dfo-mpo.gc.ca]

3 February: Maritime Museum of the Atlantic – 'Cruising Hawaii and the Panama Canal' (7:30 pm – illustrated talk by Kerry Gillis on an armchair voyage to the Panama Canal and the islands of Hawaii)

12 February: St. Margaret Sailing Club (French Village, St. Margaret's Bay) – 'The Solo Sailor: the Art and Techniques of Singlehanded at Sea' (8:00 pm – illustrated lecture by Dan White, expert solo sailor and blue water cruiser) [Contact: David Nettleship – phone 826-2360 or e-mail dnnlundy@navnet.net]

12-15 February: Halifax International Boat Show (Exhibition Park) – Display of boats and related equipment/services including on-site boat-building demonstrations by the Maritime Museum of the Atlantic: 12-foot Norwegian pram, 21-foot ketch-rigged catboat (replica *Elson*), 24-foot sloop (replica *Marila*).

16 February: Canadian Power Sail Squadron – 'Around Alone' (7:30 pm – illustrated lecture by Derek Hatfield on his 2003 circumnavigation of the world in his 40-foot sailboat *Spirit of Canada*) [Contact: Maureen McInerney – phone 463-2128 or maureenemcinerney@hotmail.com]

25 February: Maritime Museum of the Atlantic – 'Memories of a Lightkeeper's Son' (7:00 pm – illustrated talk by author Bill Budge about growing

up on remote St. Paul's Island, off the northern tip of Cape Breton, a site known by many as the "Graveyard of the Gulf")

19 or 26 February: BIO – 'OA Winter Celebration & Seminar' (details to follow) [Contact: Don Peer – phone 857-9268 or d.peer@ns.sympatico.ca]

1 March: NS Institute of Science (at NS Museum of Natural Science) – 'Mussel Monitoring: the Good, the Bad and the Safe Supply' (7:30 pm – lecture by Shawna MacKinnon, Institute for Marine Biosciences) [Contact: Jim Stewart – phone 826-2025 or e-mail stewartje@mar.dfo-mpo.gc.ca]

2 March: Maritime Museum of the Atlantic – 'Coastal Geology of Atlantic Canada: the Kayaker's Perspective' (7:30 pm – illustrated talk by Dr. Scott Cunningham taking us on a journey by kayak to explore the earth history of where land meets the sea in coastal Atlantic Canada)

11 March: St. Margaret Sailing Club (French Village, St. Margaret's Bay) – 'The History and Beauty of the Tall Ships: A Photographic Journey' (8:00 pm – illustrated lecture by renowned photographer Jamie Steeves) [Contact: David Nettleship – phone 826-2360 or dnnlundy@navnet.net]

13-21 March: Maritime Museum of the Atlantic – 'Blue Knows: Discover the Gentle Giants' (special event on Whales – their beauty, importance within marine systems, and conservation needs)

23 March: Maritime Museum of the Atlantic – 'Mastering the Tall Ships of 2000' (7:30 pm – illustrated overview of the 'Tall Ships 2000' event by Halifax Harbour Master Randy Sherman, as an intro to the revisit to Halifax by part of the 'Tall Ships' fleet during summer 2004)

5 April: NS Institute of Science (at NS Museum of Natural Science) – 'Underwater observations of Novel Behaviour in the Greenland Shark' (7:30 pm – lecture by Dr. Chris Harvey-Clark, Dalhousie University) [Contact: Jim Stewart – phone 826-2025 or e-mail stewartje@mar.dfo-mpo.gc.ca]



BIO – OCEANS ASSOCIATION: BELUGA AWARD 2004

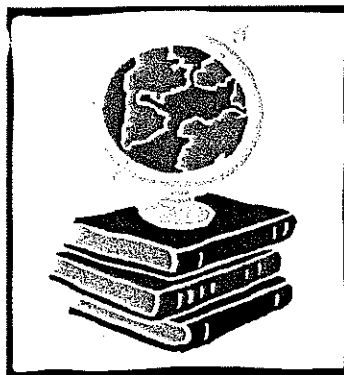
GUIDELINES FOR NOMINATING CANDIDATES

The **BIO-Oceans Association Beluga Award** is intended to recognize past and present staff members of the Bedford Institute of Oceanography (BIO) who have exhibited unselfish dedication to community spirit. The award is for an individual in any professional or technical field, craft, or skill who has made exceptional contributions to the success of projects, initiatives, or programs, and whose contributions exemplify unselfish effort that encourages cooperation and fosters teamwork.

Any individual or group may nominate candidates for the **Beluga Award**. Nominations should be prepared using these guidelines and must be submitted to Dale Buckley (Chair of Beluga Award Committee), 21 Dumbarton Ave., Dartmouth, B2X 1Z7 or by Email to dbuckley@ns.sympatico.ca. Nominations must be received by **February 13, 2004**. Candidates may be re-nominated in successive years.

In order to provide the Beluga Award Committee with sufficient information to make a selection of a successful candidate, please provide the following:

- 1) Name of candidate, home address, and telephone number;
- 2) A brief history of the nominee's association with BIO, including areas of specialization and organizational units in which the nominee has worked;
- 3) Examples of the candidate's spirit of cooperation within the Institute, illustrating diversity of activities and specific contributions to the oceanographic community;
- 4) Examples of projects and initiatives undertaken by the candidate that were successful due to exceptional efforts by the candidate.
- 5) The nomination may be supported by letters or citations from any source that confirm the candidate's suitability.



NOTEWORTHY READS:

BOOK REVIEWS
IN BRIEF

By David N. Nettleship
Book Review Editor

The *Noteworthy Reads* section is a cooperative,

volunteer effort by members of the BIO-OA to produce a representative list of recent noteworthy book publications related to the marine sciences and other subjects of general interest. The listing is not intended to be comprehensive or complete, but merely an attempt to highlight a number of 'good reads' that may be of interest to OA members and their associates. The review team's principal aim is to identify titles of new publications from a variety of disciplines including oceanography (physical, chemical, biological), geology, natural history, nautical engineering and design, etc. Most books listed are available at local bookstores and via HRM libraries; book prices are regular retail in Canadian funds; 20-30% discounts are normally available on line: e.g., amazon.ca or chapters.indigo.ca. Anyone interested in becoming a regular contributor to 'Noteworthy Reads' should contact David Nettleship (voice: 902-826-2360; internet: dnnlundy@navnet.net).

Baird, David M. 2003. Lighthouses of Atlantic Canada. Red Deer Press, Red Deer, AB (distributed by: Fitzhenry & Whiteside, Markham, ON). 200 pp. Softcover, \$34.95 (ISBN 0889952752) – If you wish to discover lighthouses of Atlantic Canada today, this stunning collection of photographs and stories will more than satisfy both the amateur and serious student of lighthouses in eastern Canada. Notions of bravery and hardship are depicted vividly in this pictorial guide to the lighthouses of Quebec, New Brunswick, Prince Edward Island, Nova Scotia and Newfoundland. Once the 'big picture' has been grasped, most readers will then proceed to specialist works devoted to smaller geographic regions such as provinces (see example below, Irwin 2003).

Bergreen, Laurence. 2003. Over the Edge of the World: Magellan's Terrifying Circumnavigation of the Globe. HarperCollins Canada, Toronto, ON. 416 pp. Hardcover, \$39.95 (ISBN 0066211735). – When Ferdinand Magellan made his daring voyage in the 16th cen-

tury, most sailors feared sailing off the edge of the flat Earth. Bergreen provides a clear and descriptive account of Magellan's three-year odyssey, one filled with violence, sex, and unusual adventure. Magellan is portrayed as a leader who was not above torture and murder to maintain control. An exciting and revealing read!

Budge, Billy. 2003. Memoirs of a Lightkeeper's Son: Life on St. Paul Island. Pottersfield Press, Porters Lake, NS (distributed by: Nimbus, Halifax, NS). 192 pp. Softcover, \$ 18.95 (ISBN 1895900611). – An interesting revisit to Neil's Harbour, Cape Breton, providing an insight into the life of a lightkeeping family, and growing up in the mid-1950s on St. Paul Island, a storm-beaten rock pile situated some 20 kilometres offshore from the northern tip of Cape Breton at the approach to the Gulf of St. Lawrence. Although this memoir chronicles the hardships of island living and operating a light – through storm, sickness, and isolation – it also shows the remarkable family effort and rewards associated with providing an essential service for the safety of mariners. This is a book that reminds us about the way things were, a way of family living that no longer exists.

Edinger, Ray. 2003. Fury Beach: the Four-year Odyssey of Captain John Ross and the Victory. Berkley Publishing, New York, NY. 304 pp. Hardcover, \$34.50 (ISBN 0425188450). – Here is an epic voyage of early Arctic exploration, retold at its best by a skilled writer. Captain John Ross, the first British Royal Navy commander sent out by the Admiralty to discover the Northwest Passage in 1818, returned to Baffin Bay and Lancaster Sound on a second voyage in 1829. He was attempting to redeem his reputation owing to his failure to recognize the significance of Lancaster Sound on the first journey. This time, Ross captained a converted paddle steamer, the *Victory*, the first time a steam-driven vessel was employed in the service of arctic exploration, a test that proved to be a disaster as the engine was eventually discarded. Ross and his 22 men spent most of their time deep in Prince Regent Inlet searching for a water route to the west, but they were forced to abandon their icebound ship in 1832 and relocate at Fury Beach where there was a food cache from the wreck of an earlier exploration ship, HMS *Fury*. Given up for lost by the British Admiralty, Ross and his crew were ultimately rescued in late August 1835 by the *Isabella* of Hull, a ship once commanded by John Ross! Ross succeeded in restoring his reputation through the many scientific achievements recorded including the discovery of the North Magnetic Pole. A gripping true story of early Arctic exploration, showing the ingenuity and endurance of the men involved. A must read for any student or fan of polar exploration.

Gribbin, John and Mary. 2003. Fitzroy: The Remarkable Story of Darwin's Captain and the Invention of the Weather Forecast. McArthur & Co., Toronto, ON. 336 pp. Hardcover, \$39.95 (ISBN 0755311817). – Admiral Robert Fitzroy's achievements were much greater than serving as captain to Charles Darwin on the HMS *Beagle*. In 1854, this complex and dedicated man created Britain's first Meteorological Office, providing weather forecasts that would save the lives of countless sailors and their vessels. This book is a summary review of this great man's voyages of discovery and his many scientific accomplishments. An engaging narrative and important biography.

Harris, Marjorie. 2003. Botanica North America: The Illustrated Guide to Our Native Plants, Their Botany, History, and the Way They Have Shaped Our World. HarperCollins, Toronto, ON. 665 pp. Hardcover, \$89.95 (ISBN 0062702319). – This is an impressive and intriguing tome! It documents and describes the native plants of North America, by dividing continental United States and Canada into 10 major plant communities, such as the eastern forests, swamps and wetlands, Pacific NW tall tree complex, and tundra. The work is comprehensive, with information given on each plant entry including its classification, morphology and structure, ethnobotany and general natural history, and how it is used today. The wealth of information presented is derived from many different sources, and has been meticulously cross-referenced to a full and wide-ranging bibliography. Although impressive in scope and detail, the book's major weakness is in the decision made by the author to limit the choice of plants to those used by people and crucial to a specific plant community. Perhaps this was a cost-saving strategy to ensure an acceptable retail price, but whatever the reason, the book cannot be considered a complete flora of North America. Even so, it stands as an incredible accomplishment and will be an important reference source for professional botanists, environmentalists, and plant enthusiasts.

Hartling, Neil. 2003. Alaska to Nunavut: The Great Rivers. Key Porter Books, Toronto, ON. 152 pp. Softcover, \$29.95 (ISBN 1552635155). – A beautiful travel book that discusses 10 major waterways in northern North America: the South Nahanni, Alsek, Tatshenshini, Firth, Snake, Wind, Stikine, Burnside, Coppermine and Horton. Descriptions of each river are full of good information including geology, ecology, and history of human use, details supplemented by outstanding colour photos showing a wide variety of stunning landscapes, wildlife, and people. Altogether, the book provides a fine overview of some magnificent rivers that travelers and dreamers may wish to explore.

Hayes, Derek. 2003. Historical Atlas of the Arctic. Douglas & McIntyre, Toronto, ON. 208 pp. Hardcover, \$75.00 (ISBN 1553650042). – This is a volume about the exploration of the Arctic both by seafaring and overland. Employing some 300 well-chosen maps and charts, the author tells the story of man's quest for a northwest and northeast route to Cathay through the ice-ridden polar sea. The review is well balanced and focused on exploration alone, dealing with Russian Arctic exploration at the same admirable level given to the charting of Arctic America. Overall, a work that is a must read for anyone interested in Arctic geography and history.

Heintzman, Andrew and Evan Solomon (eds.). 2003. Fueling the Future: How the Battle Over Energy is Changing Everything. House of Anansi Press, Toronto, ON. 394 pp. Hardcover, \$37.95 (ISBN 0887846955). – Here is an engaging multi-authored collection of topics on our current energy mess and what can be done to correct it. Following an introduction by the editors that sets the stage smartly, contributions by 13 of the world's leading energy thinkers -- each with something important to say on aspects of different energy sources including natural gas, oil, hydrogen or nuclear power, and wind -- provide practical solutions to real problems. The book is full of intellectual jolts and provides readers with a concise course on how the depletion of fossil fuels is about to change everyone's future. Altogether, this book gives us an insightful overview of the approaching crisis related to diminishing supplies of natural gas and light oil, and the disingenuous leadership vacuum that surrounds us along with a discussion of real alternatives. It is a timely and important discussion of our inability to limit our consumption of a disappearing inheritance, fossil fuels, with conclusions that should be read and considered by everyone.

Irwin, E.H. Rip. 2003. Lighthouses & Lights of Nova Scotia. Nimbus Publishing, Halifax, NS. 148 pp. Softcover, \$29.95 (ISBN 1551094266). – An impressive collection of colour pictures of lighthouses in Nova Scotia, those grand structures that serve as aids to navigation for mariners at sea and signals of comfort and security for all. The structure of this guide and its disciplined and well-organized contents for each lighthouse and light presented succeeds. Overall, the work is an important compilation of information -- a must reference source for any enthusiast of lighthouses and their history, past and present, in Nova Scotia. [Note: see also above, Baird 2003.]

Levin, Ted. 2003. Liquid Land: A Journey Through the Florida Everglades. University of Georgia Press, Athens, GA. 286 pp. Hardcover, \$39.95 (ISBN

0820325120). – Explore one of the world's great wetlands, the Florida Everglades. This book captures the Everglade's unique beauty and mystery as it examines ongoing restoration efforts. It describes the region's high diversity of animal life, a magnificent swamp loaded with unusual landscapes, plants and animals. Emphasis is placed on the factors responsible for the recent loss of half of the region's 36,260 square kilometre expanse and actions that can be taken to halt the ecosystem's deterioration. The revealing profiles given of the various interest groups involved show the magnitude of the problem and the nature of the management task. An important review of a complex and difficult topic: development versus conservation of essential biological areas. *'Liquid Land'* is required reading for everyone.

McGuffin, Gary and Joanie. 2003. Great Lakes Journey: Exploring the Heritage Coast. *McClelland & Stewart, Toronto, ON. 144 pp. Hardcover, \$ 45.00 (ISBN 0771055390).* – A riveting travelogue by a pair of renowned outdoor adventurers that excites via its prose and outstanding photographs. The book provides a close-up account of a 3,000 kilometre journey by canoe around the shores of Lake Superior and Georgian Bay, from Thunder Bay to Port Severn. A treat for everyone, from active outdoors and camping types to armchair historians of Canada's inland waterways.

Rompkey, Ronald (ed.). 2003. The Labrador Memoir of Dr. Harry Paddon, 1912-1938. *McGill-Queen's University Press, Montreal, PQ. 360 pp. Hardcover, \$44.95 (ISBN 077352505X).* – This carefully edited and annotated memoir of Dr. Harry Paddon, the Grenfell Mission's principal physician in Labrador for over 25 years, provides an extensive account of life in Labrador prior to its entry into Confederation. It gives a vivid account of the adventure and challenge of life in the North both as a resident and medical provider. Travels on foot, by dog sled, and by water in small craft along the coast from Saglek in the north to Cartwright and Mary's Harbour in the south are described. Overall, Dr. Paddon's journals offer a clear portrait of Labrador society through the early part of the 20th century with its traditional rhythms of trapping and fishing, as it was before the onset of industrial development. A true sense of each resident community – Innu, Inuit, and settler – is generated, along with an understanding of the influence of the prevailing non-governmental authorities of the day: the Hudson's Bay Company, the Moravian Mission, and the International Grenfell Association. The work captures the heart of the region and its people at the time, and forms an invaluable part of the historical record. [Note: also see Dr. W.A. Paddon's account (Harry Paddon's son) published in 1989: "Labrador Doctor: My Life with the Grenfell

Mission" (James Lorimer, Toronto, ON).]

Thomas, Nicholas. 2003. Cook: the Extraordinary Voyages of Captain James Cook. *Walker & Company, New York, NY. 464 pp. Hardcover, \$40.00 (ISBN 0802714129).* – Hooked on James Cook? Well, here is another important addition for your collection! Professor Thomas, an anthropologist, retraces Cook's voyages, revealing the experiences of both Captain and crew, reconstructing the personal encounters that were extraordinary for Europeans and Aborigines alike. Emphasis is given to Cook's exploration of regions previously unknown to Europeans and his desire to find "the lands South" – much of the Pacific and southern hemisphere including Antarctica – and his discoveries of new peoples and cultures. This work provides an excellent overview of the wonders of first encounters, and their sociological impacts on European societies. In total, a rich and provocative work, based upon two decades of careful research and thoughtful interpretation.

BIO Christmas Party Rocks On

The 2003 Christmas Party on December 24 attracted the largest representation of BIO-OA members since our founding in 1998. As best we can determine in counting the moving throng of merry souls, at least 35 of our members (and more if their guests are included) enjoyed the festive atmosphere and the opportunity to socialize with BIO friends and former colleagues.

George Anderson brilliantly impersonated Santa Claus once again and, together with his elf son Bruce, did a great job of greeting the children and handing out treats to the deserving. Many of us are starting to believe he might actually be the genuine item. Reliable sources have even reported that this particular Santa has been seen traveling by scooter in full regalia. Three cheers for George who takes the time to help spread good wishes and cheer during this often rushed and busy time of year.

CSS *Hudson* provided two different kinds of delicious chowder in sufficient quantity and there were plenty of sandwiches, chips, sweets, and other food as well as good quantities of various beverages. Song sheets were distributed and, to the accompaniment of Gordon Fader on piano, the halls rang out with the joyful sound of Christmas carols.

All in all, it was a fun time and the perfect occasion to offer warm holiday wishes to BIO friends and colleagues and to express our sincere wishes for a prosperous, healthy, and happy New Year. Our thanks to BIO staff and managers for continuing to welcome our Association to this special event.

Fall Celebration a Highlight of BIO-OA Social Calendar

A group of just under 50 members and friends attended our fall celebration event on the evening of Wednesday, November 26, 2003, in BIO's main auditorium. They came seeking good wine, good food, and good entertainment and they did not go away disappointed.

There was an ample supply of Chilean and French wine and a buffet of various cheeses, crackers, fruits, squares, and cookies. Everyone had lots of opportunity before and after the evening's main event – a talk by Gordon Fader - to mix and mingle. Gordon delivered a superb lecture on the exciting technologies now being used to study and map the seabed, notably the revolutionary multibeam bathy-

metric mapping system developed in the nineties.. His talk was amply illustrated using the state-of-the-art equipment in the auditorium. In one example, Gordon showed footage of a computer-simulated flight along the bottom of Halifax Harbour where each old anchor, sunken car or other feature on the bottom is clearly visible: the footage flies just above the ocean bottom as if the water had been removed. He spoke of how his work has played and will continue to play a part in the development of new fisheries, the discovery of shipwrecks and other artifacts on the bottom, the laying of undersea cables and pipelines, the discovery of mineral deposits, and many other activities. Gordon's talk also underscored the challenges facing Canadian oceanographers in keeping up with these advancements if Canada does not make the investments required to stay on top of this rapidly developing field.

Gordon is much in demand as a speaker because he can engage and hold the interest of a wide range of people on the most technical of subjects. He demonstrated that talent once again for us at the fall celebration.

You know you are a Nova Scotian when...

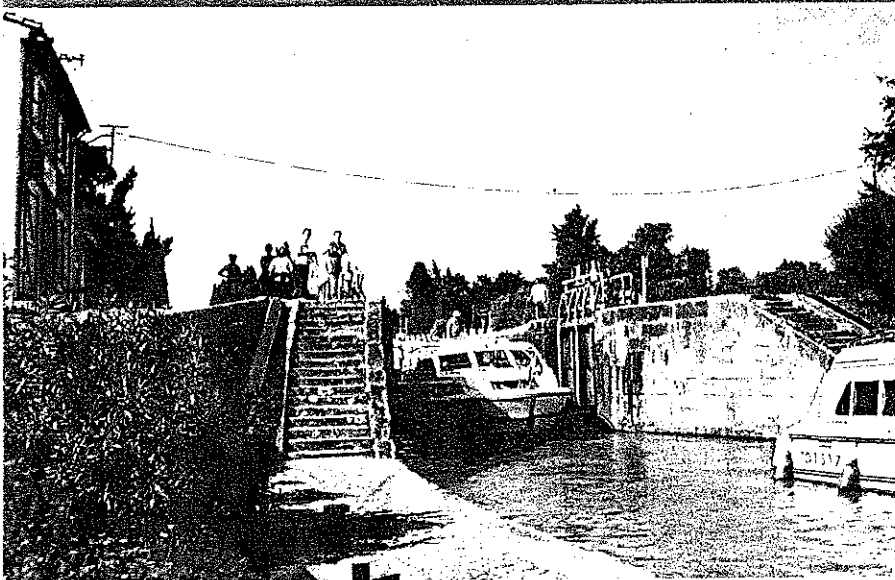
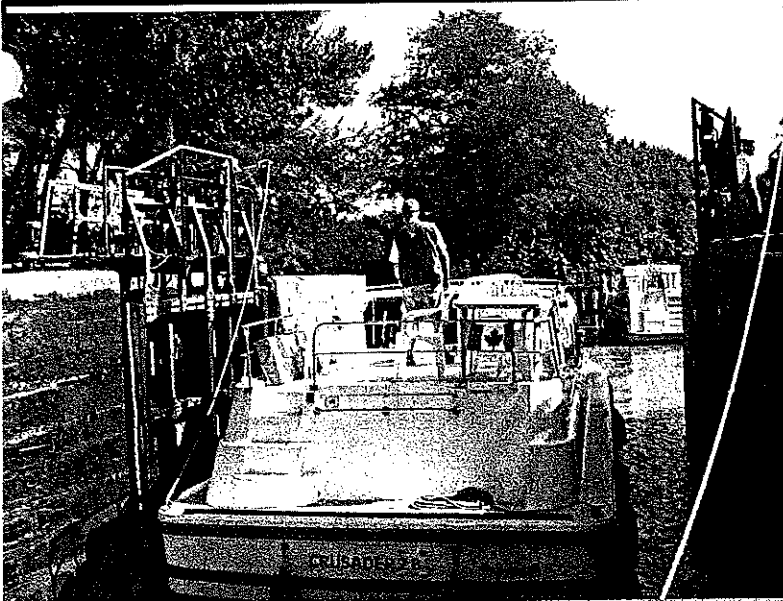
1. Your idea of a traffic jam is ten cars waiting to pass a truck on the highway.
2. "Vacation" means going to Moncton for the weekend.
3. You measure distance in hours.
4. You know several people who have hit deer more than once.
5. You use a down comforter in the summer.
6. You see people wearing hunting clothes at social events.
7. You install security lights on your house and garage and leave both unlocked.
8. You design your children's Halloween costume to fit over a snowsuit.
9. Driving is better in the winter because the potholes are filled with snow.
10. You know all 4 Seasons; almost Winter, Winter, still Winter, and construction.

At a recent computer expo, Bill Gates reportedly compared the computer in-

On the Lighter Side

dusty with the auto industry and stated: If GM had kept up with technology like the computer industry has, we would all be driving \$25.00 cars that got 1,000 miles to the gallon. In response to Bill's comments, General Motors issued a press release stating: If GM had developed technology like Microsoft, we would all be driving cars with the following characteristics: 1) For no reason whatsoever, your car would crash twice a day. 2) Every time they repainted the lines on the road, you would have to buy a new car. 3) Occasionally your car would die on the freeway for no reason. You would have to pull over to the side of the road, close all of the windows, shut off the car, restart it, and reopen the

windows before you could continue. For some reason you would simply accept this. 4) Occasionally, executing a maneuver such as a left turn would cause your car to shut-down and refuse to restart, in which case you would have to reinstall the engine. 5) Macintosh would make a car that was powered by the sun, was reliable, five times as fast and twice as easy to drive -- but would run on only five percent of the roads. 6) The oil, water temperature, and alternator warning lights would all be replaced by a single "This Car Has Performed An Illegal Operation" warning light. 7) The airbag system would ask "Are you sure?" before deploying. 8) Occasionally, for no reason, your car would lock you out and refuse to let you in until you simultaneously lifted the door handle, turned the key, and grabbed hold of the radio antenna. 9) Every time a new car was introduced, buyers would have to learn how to drive all over again because none of the controls would operate in the same manner as the old car. 10) You'd have to press the "Start" button to turn the engine off.



In September 2003, 12 BIO-OA members and friends enjoyed a two-week boating holiday along the Canal du Midi in the south of France. These few images are from that trip. To see more and to find out the real story of this fascinating trip, check out the excellent web site that Bosko Loncarevic has assembled at: <http://www.bedfordbasin.ca/canal2003/index.php>.

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ABOUT THE ASSOCIATION

The Bedford Institute of Oceanography Oceans Association was established in 1998 to foster the continued fellowship of its members; to help preserve, in cooperation with the Institute's managers and staff, BIO's history and spirit; and to support efforts to increase public understanding of the oceans and ocean science. Membership is open to all those who share our objectives. Most current members are present or past employees of BIO or of the federal departments of Environment, Fisheries and Oceans, and Natural Resources (or their predecessors) located in the Halifax Regional Municipality. Membership is \$5.00 per year, \$25.00 per half decade, or \$100.00 for a lifetime membership. Payment for membership renewals should be sent to: Ms. Betty Anderson, Treasurer, 79 Flamingo Drive, Halifax, Nova Scotia B3M 1T2. For further information or to obtain a membership application form, contact any of the current executive members listed below.

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