

## NOVA SCOTIAN INSTITUTE OF SCIENCE SESSION 2000-2001

### President's Address

In the past year the Nova Scotian Institute of Science and especially the NSIS Council has been involved in several useful scientific activities:

- six free public lectures
- two free public panel discussions
- newspaper, radio and TV media
- supporting high school science fairs
- publication of Volume 41 of the Proceedings
- working on four more issues of the Proceedings
- maintaining its library

The details of the speakers, moderators, titles and dates are listed in the Appendix.

Four of the lectures took place, as usual, in the Nova Scotia Museum of Natural History. The other two lectures and two panel discussions took place at Dalhousie University. We thank both of these institutions. Our audiences are steadily increasing; the average audience at the lectures was about 60 and the average audience at the panel discussions was about 120. The audience question period afterwards has usually lasted an hour. Media people from newspapers, radio and TV attended most of our lectures and panel discussions, and several NSIS speakers were heard on radio or seen on TV throughout Nova Scotia and sometimes beyond.

The NSIS Council has worked very hard and well throughout the past year. Besides the hour and a half Council meetings before each of the public lectures and panel discussions, three extraordinary Council meetings took place during the year. Last year we also added to the Council as observers a fourth-year undergraduate student from Dalhousie and one from Saint Mary's Universities. We plan to add to the Council for the coming year a faculty member from the Dalhousie Faculty of Engineering and a high school science teacher.

Expanding the NSIS memberships has been a problem for several years. This past year we have used more methods to do so:

- our Treasurer, David Goble, has been sitting at a small table where people enter the auditorium to attend our public lecture or public panel discussion. There he politely asks persons to fill in a form and give twenty dollars if they are not already a member.
- when people, including the media, called or e-mailed me about our public events I suggested they become NSIS members.
- each person, except for a spouse or a guest, had to be a member before attending this NSIS Annual Dinner and After-Dinner Talk.

At present I do not know precisely how many NSIS members there are.

I am sad to report that Dr. Donald H. Davies died suddenly on 29 May last year. He had been an NSIS Council member for twenty years and was the NSIS Treasurer from 1988 until he died. He was for many years a faculty member at St. Mary's University,

Chemistry Department, and he was a founding member of the chemical company, Chitogenics. He had a sharp mind with a twinkle in his eye, and he often gave us good advice in Council meetings. In Vol. 41 of the NSIS Proceedings there is a detailed obituary of D.H. Davies, Ph.D. and another obituary of D.W. Russell, Ph.D.

There were several problems delaying the latest issue of the Proceedings of the Nova Scotian Institute, but it was published as Volume 41 in February this year. Each NSIS member will receive his/her copy soon. Furthermore, four more issues of the Proceedings are well underway:

- Bras d'Or issue will be printing this summer
- Conservation issue will have all papers in hand by autumn
- Corals issue planned but ownership must be settled
- Marine Sciences issue will be ready for production early in 2001

What a lovely progress! Of course, NSIS will have to provide several thousands of dollars.

Nova Scotia is divided into seven regions for the purpose of Science Fairs for high school students. The NSIS gives an \$80 prize to the student with the best Science Fair exhibition in each of the seven regions. If we get a larger membership we might give \$100 first prizes and \$50 second prizes in the future Science Fairs. Furthermore, the Director of the Fundy Geological Museum in Parrsboro is willing to host a science workshop this month.

At the end of my report I happily thank each and every member of our Council; they worked long and hard throughout the past year. Now I look forward to the next year with Dr. Georgia Pe-Piper as our NSIS President. She has already made several good comments and suggestions about the Institute's future.

7 May 2001

Donald D. Betts  
President

**Appendix: Lectures and Panel Discussions**

- October 2: Deep sea corals: who, where and why we should care  
**Dr. Martin Willison**, Biology, Dalhousie University and  
**Mr. Mark Butler**, Ecology Action Centre.
- November 6: Global Climate Change  
Moderator: **Mr. Meinhard Doelle**, Director, Clean Nova Scotia.  
Panelists: **Dr. Petr Chylek**, Atmospheric Science, Dalhousie University  
**Dr. Peter Duinker**, Resource and Environmental Studies,  
Dalhousie University  
**Mr. George Foote**, Energy Utilization, Nova Scotia Department  
of Natural Resources.
- December 4: The Probability and Effects of an Asteroid Impact with Earth  
**Dr. David Turner**, Astronomy & Physics, Saint Mary's University.
- January 8: Simon Newcomb -The Maritimes' Greatest Scientist  
**Dr. Donald Betts**, Physics, Dalhousie University
- February 5: Mind Contemplating Mind - An Illustrated History  
**Dr. Raymond M. Klem**, Killam Professor of Science in Psychology,  
Dalhousie University
- February 19: The Motion of Curling Rocks  
**Dr. Mark R.A. Shegelski**, Physics, University of  
Northern British Columbia
- March 5: The Chemistry of Halifax Harbour - History and Future  
Moderator: **Dr. Martin Willison**, Biology, Dalhousie University  
Panelists: **Dr. Peter Strain**, Chemistry Section, Marine Environmental  
Division, Bedford Institute of Oceanography  
**Dr. Stephen Armstrong**, Biology (Adjunct), Dalhousie University  
**Dr. Dale Buckley**, Geological Survey of Canada, Bedford Institute  
of Oceanography  
**Dr. Tony Blouin**, Manager of Environmental Policy, Planning &  
Development Services, Halifax Regional Municipality
- April 2: Forensic Entomology: Flies that tell a tale  
**Dr. D.H. Strongman**, Biology, Saint Mary's University
- May 7: Structural Giants Have Feet of Clay?  
**Dr. T. Stanley Cameron**, Chemistry, Dalhousie University  
Annual Dinner Speaker

### Librarian's Report

The number of NSIS exchange partners has remained almost constant and is currently 193. Six institutions cancelled their exchanges this year:

1. University of Georgia Libraries
2. Geological Survey of Canada
3. Netherlands Institute of Applied Geoscience TNO
4. Royal Society of New Zealand
5. Societe Nationale Elf-Aquitaine
6. Universite Pierre et Marie Curie

Institutional members now number 30, with one cancellation this year. Invoices were sent out in February 2001 for institutional memberships advising of an increase in membership fees to \$20.00 (as per a motion passed at the NSIS AGM on May 3, 1999).

Volume 41, Part 4, 2001 of the *Proceedings* was mailed to institutional members and exchange partners in February 2001.

Six copies of *The Flora of Nova Scotia* by A.E. Roland were sold to students in a Dalhousie Biology class @\$15.00 each.

The past year has been uneventful from the Library's perspective and operations continue to run smoothly.

Respectfully submitted,  
7 May 2001  
Sharon Longard  
NSIS Librarian

**Treasurer's Report  
Income/Expense Statement  
April 1, 2000 - March 31, 2001**

**OPERATING ACCOUNT**

## Income

Membership Fees	1,285.00	
Interest	2,628.65*	
Dinner	886.00	
Donations	20.00	
Total Operating Revenue		4,819.65

## Expenses

Mailing	154.87
Bank Charges	0.00
Dinner	1,036.31
Lecture Expenses	55.37
Office Expenses	23.32
Science Fairs	900.00
Other	68.18

Total Operating Expenses	2,238.05
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2,581.60

**PUBLICATIONS ACCOUNT**

## Income

NS Museum Grant	1,000.00	
Reprint & Page Charges	362.50	
Sales	845.68	
Total Publications Revenue		2,208.18

## Expenses

Printing	3,414.55
Mailing	979.63
Other	0.00

Total Publications Expenses	4,394.18
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(2,186.00)

**EXCESS INCOME/EXPENSES****395.60**

(\* Investment interest through February only)

**March 31, 2001****ASSETS:**

Bank Account	\$5,509.61	
Petty Cash	<u>0.00</u>	
	5,509.61	
Investments	<u>48,081.33</u>	53,590.94
Accounts Receivable		<u>1,569.57</u>
		<b>55,160.51</b>

**LIABILITIES AND NET WORTH:**

Accounts Payable		118.56
Deferred Revenue		0.00
Permanent Fund	6,206.41	
Surplus (as of April 1, 1999)	44,688.00	
Excess Income	<u>4,147.54</u>	
		<u>55,051.95</u>
		<b>55,160.51</b>

**INVESTMENTS:**

CIBC Premium T-Bill (monthly interest)	24,081.33	
CIBC Mortgage due 2001/04/17 @ 4.85%	8,000.00	
CIBC Mortgage due 2002/04/17 @ 4.90%	8,000.00	
CIBC Mortgage due 2003/04/17 @ 4.95%	<u>8,000.00</u>	
		48,081.33

**RECEIVABLES:**

Interest (estimated)	1,121.23	
GST Refundable	<u>448.34</u>	
		1,569.57

**PAYABLES:**

Alan Taylor	63.92	
Carolyn Bird	<u>54.64</u>	
		118.56

Respectfully submitted  
 David Goble  
 Treasurer

## SESSION 2001-2002

### President's Address

In the past year the Nova Scotian Institute of Science, through the work of the NSIS Council, has been involved in several useful scientific activities:

- five public lectures and one additional lecture postponed for next year
- two public panel discussions
- advertising of these public events through newspapers and radio
- supporting high school science fairs
- publication of the *Proceedings*
- developing strategies to improve advertising of meetings
- developing strategies to improve student participation in NSIS
- maintaining its library

The details of the speakers, moderators, titles and dates are listed in the Appendix.

All five public lectures took place, as usual, in the Nova Scotia Museum of Natural History. The two panel discussions took place at Saint Mary's University. We thank both of these institutions. Attendance again remained high. There was lively participation from the audience in the panel discussions that lasted at least an hour and a half. Discussion periods following the lectures also drew many questions and often lasted more than an hour. People from the media attended some of these events.

The changes to the By-Laws that were discussed in the Annual General meeting last year were approved nearly unanimously by responding members in a mail ballot.

The NSIS Council has worked very hard and well throughout the past year. Besides the hour and a half Council meetings before each of the public lectures and panel discussions, two extraordinary Council meetings took place during the year. Members of the Council participated in small subcommittees focusing on particular areas of interest of the Council, such as the program for the coming year, advertising public events, and involvement of students.

The committee responsible for the NSIS 2002-2003 program of public lectures and panel discussions has a complete list of these events and for most of them the speaker(s), moderator and some panelists have been confirmed. This program will be sent to the members during the summer.

The officers responsible for better advertising of the NSIS public events are now in the production stages of a high quality poster.

The student involvement committee is trying to find better ways to involve students in the activities of the Institute. A number of options have been discussed, ranging from co-sponsoring meetings with other similar organizations to fostering an annual student conference to be entirely hosted by the Institute. At present, the committee leans towards establishing a competition of written articles by the students on scientific issues, the winners of which could be published in the *Proceedings* and on the website. This would provide students with public recognition and a publication record, both important to their scientific development. The discussion of the number of awards/prizes for both undergraduate and graduate students, details of the presentation event(s) etc. will continue and be completed in 2002-2003, if the Council finally deems this the best way to start better communication with students.

The NSIS Council is also involved through some of its members in the "Science -A Family Affair" program. We believe that parents have an important role in the education of their children and they are willing to play that role provided we make it possible for them to do so. The "Science - A Family Affair" program provides an opportunity for families to experience, question and investigate science through hands-on activities. The objectives of the program are:

- To encourage families to learn scientific ideas and processes from a wide variety of interesting topics.

- To focus on having fun with science.

- To foster communication between parents and children.

The "Science - A Family Affair" workshop usually takes place in May at Dalhousie University on a Saturday. Invitations are sent out to 5 or 6 schools in the Metro area and they are asked to select 5 families from each school who are willing to participate in the workshop. The program is open to grades 3, 4, 5, and 6 students.

The Nova Scotian Institute of Science also encourages the science fair movement by providing a cash award of \$100 to the student with the best project in each of the seven regions across Nova Scotia.

The Bras D'Or Lakes issue of the *Proceedings of the Nova Scotian Institute of Science* is in the printer's hands and it is anticipated that it will be available for distribution sometime in June. The environmental issue, which will be a mixture of environmental papers and others, is next in line for completion and an issue on marine science is in the planning stage.

The overall membership of the Institute is about 120, however many of these have not yet paid their dues for this year. Both the membership officer and the treasurer have continued their efforts to recruit members.

The Institute communicates with most of its members by e-mail. The same material is sent by Canada Post to those members who do not use e-mail.

The Institute has had another successful year and it is well positioned to continue its activities in the future. I thank members for supporting the activities of the Institute and for their suggestions on how our activities can be improved in innovative ways.

6 May 2002  
Georgia Pe-Piper  
President



**Appendix: Lectures and Panel Discussions**

- October 1: The Scientific Thinking of Sherlock Holmes  
**Dr Richard Brown**, Psychology Department, Dalhousie University
- November 5: Oil and Gas Offshore Nova Scotia  
Moderator: **David Piper**, Geological Survey of Canada, Atlantic  
Panelists: **Graham Williams**, and **Hans Wielens**, Geological Survey of  
Canada, Atlantic  
**Doug Gregory**, Shell Canada Ltd  
**Brent Austin**, PanCanadian Energy  
**M. Rafiqul Islam**, Killam Professor of Petroleum Engineering,  
Dalhousie University
- December 3: Show or Tell  
**Dr Philip Cox**, Faculty of Computer Science, Dalhousie University
- January 7: Reflections on Lichenology: Achievements over the Last Forty Years  
and Challenges for the Future  
**Dr David H.S. Richardson**, Biology Department,  
Saint Mary's University (Dean of Science)
- February 4: Testing the Waters -the condition of our lakes and rivers  
Moderator: **Robert Chambers** (former Head of Biochemistry,  
Dalhousie University)  
Panelists: **Joseph Kerekes**, Emeritus Research Scientist, Canadian Wildlife  
Service  
**Walton Watt**, former Head Freshwater Fish Habitat Research, DFO  
**Wesley White**, retired DFO biologist  
**Tony Blouin**, Manager, Environmental Policy, HRM
- April 1: Alien invasions off our coast  
Dr Robert Scheibling  
Cancelled because of the strike of the Dalhousie University Faculty  
Union; rescheduled for October 7<sup>th</sup> 2002.
- May 6: Fishing for a cure for diabetes  
**Dr James R. Wright**, Department of Pathology, Dalhousie University

### Librarian's Report

The number of NSIS exchange partners has remained almost constant and is currently 192. One institution cancelled their exchange this year:

1. University of Illinois Library

Institutional members now number 29, with one cancellation this year. Invoices were sent out in March 2002 for institutional memberships.

No *Proceedings* were published during the year so there was no mailing to members and exchange partners.

Five copies of *The Flora of Nova Scotia* by A.E. Roland were sold to students in a Dalhousie Biology class @ \$15.00 each.

The Special Projects librarian in the Killam Library at Dalhousie University, Alison McNair, is assisting me with the ongoing project of adding titles of journals that have ceased publication or are no longer being received on exchange to the Novanet catalogue so users will know of their availability. This is an extensive project which she works on as her time permits. Dr. Jonathan Blay and Ms. McNair have updated the NSIS webpages to reflect the periodical titles in the NSIS Library.

The Library continues to run smoothly.

Respectfully submitted,

May 6, 2002

Sharon Longard

NSIS Librarian

**Editor's Report**

- 1) CanCopy -The Council accepted the Editorial Board's recommendation to join as an affiliate of the Canadian Copyright Licensing Agency, CanCopy. All of the requisite information was supplied and the signed copies of the agreement were filed with both CanCopy and the NSIS Secretary on November 3, 2001.
- 2) The 'Oceanography of the Bras d'Or Lakes' issue of the *Proceedings* (B. Petrie - guest editor) is now virtually complete. A minimum amount of tidying up required on the last paper will be complete this week and the issue then will be placed in the hands of the Production Editor. It is hoped that it will be ready for distribution by the end of June.
- 3) The NSIS *Proceedings* issue on Conservation in Nova Scotia (M. Willison - guest editor) has not progressed further because of Dr. Willison's heavy involvement in teaching and other duties. Now that the academic term is complete it may be possible to prepare this issue for publication as a conservation issue or, failing that, as an issue that contains some conservation papers with the balance made up of other general papers. The intent is to have this issue published during this calendar year.
- 4) Special Issue on the First International Symposium on Deep Sea Corals (M. Willison- editor) was originally slated for co-publication with the Ecology Action Centre. In the event it was agreed that it would be simpler for it to be published by the Ecology Action Centre alone. This was done and the volume appeared this spring.
- 5) Marine Science Issue. Plans for an issue focusing on a comprehensive discussion of the fundamentals and objectives of physical and biological oceanography, marine ecology and geology and their applications were announced last year. Further work on this has taken place.
- 6) No Board meetings were held this past year; the next Board meetings will be held in the fall when it is expected that there will be more issues to discuss.

Respectfully submitted  
May 6, 2002  
James E Stewart  
Editor

**Treasurer's Report**  
**Income/Expense Statement**  
**April 1, 2001 - March 31, 2002**

**OPERATING ACCOUNT**

## Income

Membership Fees	817.50
Interest	1,633.98
Dinner	961.00
Donations	500.00

Total Operating Revenue	3,912.48
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## Expenses

Bank Charges	0.00
Dinner	1,028.50
Lecture Expenses	54.64
Science Fairs	500.00
NS Museum Rental	60.00
Chebucto Free Net	50.00
Other	129.37

Total Operating Expenses	1,822.51
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2,089.97

**PUBLICATIONS ACCOUNT**

## Income

Reprint & Page Charges	275.00
Inst Memberships & Sales	1,015.60
Total Publications Revenue	1,290.60

## Expenses

Mailing	146.88
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Total Publications Expenses	146.88
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1,143.72**EXCESS INCOME/(EXPENSES)****3,233.69**

April 1, 2002

**ASSETS:**

Bank Account	\$6,919.89	
Petty Cash	<u>0.00</u>	
		6,919.89
Investments		<u>49,835.52</u>
		56,755.41
Accounts Receivable		<u>448.34</u>
		<b>57,203.75</b>

**LIABILITIES AND NET WORTH:**

Accounts Payable		606.28
Deferred Revenue		0.00
Permanent Fund	6,206.41	
Surplus (as of April 1, 1999)	48,393.32	
Excess Income	<u>1,997.74</u>	
		<u>56,597.47</u>
		<b>57,203.75</b>

**INVESTMENTS:**

CIBC Premium T-Bill (monthly interest)		13,823.15
CIBC Cash		12.37
CIBC Mortgage due 2002/04/17 @ 4.90%		8,000.00
CIBC Mortgage due 2003/04/17 @ 4.95%		8,000.00
Maple Trust GIC due 2004/05/09 @ 5.20%		10,000.00
National Trust GIC due 2005/05/09 @ 5.20%		<u>10,000.00</u>
		48,081.33

**RECEIVABLES:**

GST Refundable		<u>448.34</u>
		448.34

**PAYABLES:**

Science Fairs		500.00
Science Workshop		<u>106.28</u>
		606.28

Respectfully submitted  
 David Goble  
 Treasurer

## SESSION 2002-2003

### President's Address

The past year has been quite eventful, with a number of initiatives intended to raise the profile of NSIS and to increase the involvement of students in our activities. Firstly, we produced a high-quality poster that introduced the Institute and outlined the year's program in advance. This was distributed to over 60 university departments throughout the province, sent to local high schools, and posted in other public places throughout Metro, including many local libraries. We also updated our introductory brochure and membership application form. This was also widely distributed, and has brought in some new members. As usual, we have supported a number of regional science fairs, and have lent our support to a bid to bring the Canada-wide Science Fair to Nova Scotia in 2007.

A considerable effort was put into launching our first Science Awards Competition for students at a university level. This competition is open to anyone registered at an educational institution within Nova Scotia, and prizes are offered not only to science students, for either experimental papers or reviews, but also to a student in a nonscientific discipline who shows the talent for transcribing scientific information into a form appreciated by the general public. This year the Institute was pleased to award three prizes, two in the graduate category and one in scientific writing. Submissions were received from both within and outside of Metro. The prizes extended across three different institutions (Dalhousie University, Saint Mary's University and the University of King's College) and addressed all levels of study (undergraduate, MSc and PhD). We were pleased to award the prizes to the recipients in person at our April meeting, and look forward to seeing the submitted articles in a future issue of the *Proceedings of the Nova Scotian Institute of Science*.

An issue of the *Proceedings* (on the Bras d'Or Lakes) was published in 2002, and the *Proceedings* continues to progress under the able direction of its Editor, Dr James Stewart.

There have been a number of changes in the membership of Council over the past year and at its end. I express my gratitude and appreciation to all members of Council, who have worked hard, but certain individuals need special mention for their extensive contributions and particular efforts over the past year. This year sees the departure from Council- at least for the time being -of Sherry Niven and Stephen Payne, both of whom have contributed greatly to the Institute for many years. We thank them sincerely. The year also saw the departure in March, to another province, of our Treasurer, David Goble; and we are very grateful to Stephen Ewart, who took over the work of Treasurer in mid-stream and at a time when there were many tasks needing care. Sterling work has also been done by Truman Layton, our Secretary, who took over the job last year with little preparation but who has done marvellously well. I thank particularly our student representatives for this year, Andrew Hamilton and Colleen Nordlund, who have managed to find time from their studies to provide us with invaluable help and advice. Finally, thanks must surely go to this year's Vice President, Archie McCulloch, who has worked hard in many contexts including the organisation of this annual meeting and helping to open up links with the Discovery Centre, which we hope will lead to a valuable relationship in the future. We look forward to Archie's leadership in the coming year.

Respectfully submitted  
5 May, 2003  
Jonathan Blay  
President

**Appendix: Lectures and Panel Discussions**

- October 7: Alien Invasions Off Our Coast. Aliens have invaded our coast! Are we prepared for an ecosystem phase shift?  
**Robert Sheibling**, Biology, Dalhousie University
- November 4: Science Needs for the Sustainable Management of Terrestrial Natural Resources in Nova Scotia?  
Moderator: **Bill Freedman**, Biology, Dalhousie University
- December 2: Vertebrate Biology in Microgravity (Do we really need the international space station?)  
**Richard Wassersug**, Anatomy & Neurobiology, Dalhousie University
- January 6: Why Do We Need a Dirty Atmosphere? Aerosol effects on clouds, climate and the hydrological cycle.  
**Ulrike Lohmann**, Physics & Atmospheric Science, Dalhousie University
- February 3: Introduction of Exotic Species and Biological Methods in Pest Management.  
Moderator: **Mark Butler**, Ecology Action Centre
- March 3: Tides and Storm Surges in the Bay of Fundy, and a Case Study of Flooding Potential.  
**Charlie O'Reilly**, Canadian Hydrographic Service (DFO)  
**Allan Ruffman**, Geomarine Associates Ltd  
**George Parks**, Canadian Hurricane Centre, Environment Canada
- April 7: Molds in Our Midst – Sick Buildings and *Stachybotrys*  
**Tom Rand**, Biology, Saint Mary's University
- May 5: Was it Hippocrates, Descartes or George Bush Who Said...? The use and abuse of quotations in lectures.  
**Jock Murray**, Faculty of Medicine, Dalhousie University  
Annual Dinner Speaker

### Librarian's Report

There are currently 192 NSIS exchange partners and this number remains unchanged from last year. Institutional members number 27, with two cancellations this year. Invoices were sent out in February 2003 for institutional memberships, and 17 have renewed thus far.

The latest issue of the *Proceedings of the Nova Scotian Institute of Science* v.42, pt. 1, 2002 was mailed to all exchange partners and institutional members in March 2003. The cost for this mailing was \$1202.25. In addition, this year, the Librarian agreed to mail out the new issue of the Proceedings to all personal members, along with the AGM announcement, dinner registration form and membership renewal form. The cost for this mailing was \$200.86

*The Flora of Nova Scotia* by A.E. Roland continues to sell and this year 14 copies were sold @ \$15.00.

Publications continue to be received regularly from our 192 active exchange partners and this material is added on an ongoing basis to the collection.

I would like to thank Carol Richardson and the Serials Department at the Killam Library who ensure that the NSIS Library operations continue to function smoothly.

Respectfully submitted

April 22, 2003  
Sharon Longard  
NSIS Librarian



**NSIS 2003 ANNUAL GENERAL MEETING**  
**Editor's Report**

- 1) An Editorial Board meeting was held October 3, 2002 to prepare recommendations to deal with questions posed by the Executive Council. In response it was recommended to Council that:
  - a) The price for the sales of copies of the *Proceedings* should be set at total production and distribution costs per copy plus 15% to compensate for unforeseen and unexpected publication costs.
  - b)
    - i) Council should not at this time engage in electronic publishing of the *Proceedings* for several reasons including the requirement to provide hard copies for the Exchange list, libraries and some subscription members plus the fact that none of the current Editorial Board is sufficiently expert to handle the problems associated with electronic publishing.
    - ii) As an alternative, consideration should be given to collecting and preparing for posting to the website, Abstracts and Tables of Content of issues of the previous decade.

Action: Council accepted recommendations (a) and (b i) and requested that further consideration should be given as to how (b ii) could be arranged.

- 2) Six hundred copies of Volume 42 Part 1 of the *Proceedings of the Nova Scotian Institute of Science* [The Oceanography of the Bras d'Or Lakes: B. Petrie, Guest Editor] were printed and distributed to the Exchange list, institutional subscriptions and the membership list. All extra copies of the issue (approximately 220) have been sold and currently we are attempting to gauge the additional demands so as to order a second printing.
- 3) The next issue of the *Proceedings* [on Environment and Diversity: M. Willison, Guest Editor] is almost ready for production work and should be ready for distribution by the beginning of the 2003-2004 NSIS season.
- 4) Sufficient materials are in hand and/or nearing completion for a subsequent issue which we anticipate will appear in the late fall or early in 2004.

Respectfully submitted  
May 5, 2003  
James E. Stewart  
Editor NSIS

**Treasurer's Report  
April 30, 2003**

**ASSETS:**

Bank Account	\$11,672.96	
Petty Cash	<u>0.00</u>	
		11,672.96
Investments		<u>47,260.40</u>
		<b>58,933.36</b>

**LIABILITIES AND NET WORTH:**

Accounts Payable		0.00
Total Liabilities and Net Worth		<b>\$58,933.36</b>

**INVESTMENTS:**

CIBC Premium T-Bill (monthly interest)	8,864.40	
GIC due 04/22/08 @ 4.40%	8,396.00	
GIC due 06/02/07 @ 3.60%	10,000.00	
Maple Trust GIC due 2004/05/09 @ 5.20%	10,000.00	
National Trust GIC due 2005/05/09 @ 5.20%	<u>10,000.00</u>	
		<b>\$47,260.40</b>

**RECEIVABLES:**

Proceedings Invoices outstanding	3,025.00	
GST Refundable	<u>448.34</u>	
		<b>\$3,473.34</b>

**Notes**

<i>Printing cost of Proceedings</i>	13,352.40	
<i>Dal Graphics</i>	1,015.00	
<i>Mailout</i>	1,202.25	
		<b>\$15,569.65</b>
<i>Revenue to date:</i>	12,146.25	

Membership stands at 137

Respectfully submitted  
April 30, 2003  
Stephen Ewart  
Treasurer