

MINUTES OF THE BUSINESS MEETING OF THE SEVENTH ANNUAL MEETING HELD AT THE NATIONAL MUSEUM OF NATURAL SCIENCES, OTTAWA 6 JANUARY 1988, 1700-1850.

Members present: D. Malley (Chair), R. Carignan (Vice-President), H. Peterson (Sec.), D. Lean, M. Healey, N. Yan, M. Dickman, J. Kalff, D. Evans, J. Cornett, D. Currie, J. Lark, P. Ryan, H. Fernando, J. Barica, A. Vezina, P. Chambers.

1. The meeting was called to order at 1710 by the President, D. Malley.
2. Fernando/Barica moved that the agenda be accepted. Carried.
3. Dickman/Yan moved that the minutes be accepted as circulated. Carried.
4. The President reported that during the past year Dr. John Carter, University of Waterloo passed away. Dr. H. Fernando said a few words in memoriam.
5. The President's report is appended.
6. The Vice-President, R. Carignan, reported that 22 oral papers and 9 posters had been accepted. In addition two workshops were being held.
7. The Secretary-Treasurer's reports are appended. Healey/Kalff moved that the reports be adopted. Carried.
8. The report of the SIL Reps. to the 23rd SIL congress in New Zealand, February 1987, is appended. Lark/Fernando moved that the executive consider the possibility of increasing meeting registration fees by \$5.00 in support of the Tonelli fund. Carried.
9. The President declared that due process had operated with respect to the adoption of SCL by-laws and they are now in effect. Draft by-laws were circulated to the membership in the fall of 1986. They were adopted in principle at the business meeting held January 6, 1987 and were passed to SIL President, Prof. H. Loffler, and SIL Secretary-General, Dr. R. Wetzel, in New Zealand, February 1987. The membership had further opportunity to comment on them in spring, 1987. They were revised a final time by M. Healey and D. Malley, in December 1987 and circulated to the members present on 6 January 1988. The Executive reserves the right to make grammatical or spelling corrections. Provision is made in the by-laws for substantive changes.
10. The President reported that the by-laws provide for two Vice-Presidents, one francophone and one anglophone. Since R. Carignan qualifies as the francophone V.P., an anglophone V.P. was required to be identified. The Executive recommended the results of the election held in spring 1987 be used and that the anglophone candidate with the next largest number of votes after the President and the Vice-President be appointed. Carignan/Barica moved the adoption of Dave Lean as anglophone Vice-President. Carried.

11. Lean/Dickman moved that the membership requests the Executive engage in the public consultation process for the purpose of promoting the conservation and protection of the quality of lakes and rivers in Canada by using existing SIL resolutions as guidelines and SCL policies. Carried.

12. Healey/Yan moved that the Executive explore the benefits of joining the Biological Council. Carried. Lean/Carignan moved to develop affiliation with the Rawson Academy on subjects of mutual interest. Carried.

13. Discussion of SCL's possible involvement with the Biological Survey of Canada was postponed pending the outcome of the zooplankton workshop.

14. Healey/Dickman moved that SCL meet in Quebec City in January 1989 with CCFFR. Carried.

15. There was discussion on the possibility of meeting with other societies and alternative timing to January of the Annual Meeting. Suggestions from the membership are welcome.

16. Healey informed members of the recent illness of Glenn Geen.

17. Meeting adjourned at 1850.

Report of the President to the Business Meeting of the 7th Annual Conference of Society of Canadian Limnologists, 6 January 1988, Ottawa.

I am pleased to have the opportunity to serve as President of SCL and to work with such a fine Executive Committee. I particularly thank Hans Peterson for his patience in the period of transition of the office of Secretary-Treasurer from me to him and for his enthusiasm. It's also a pleasure to work with Richard Carignan who as Program Chairman has efficiently put together two well-scheduled days and is chairing the Sediment Workshop. I also look forward to working with a second Vice-President as we put the by-laws into force today. I would like to acknowledge the efforts of Past President Michael Healey who together with a committee of past Presidents, drafted the by-laws. I thank Norman Yan who is chairing the Zooplankton Workshop. The Society also recognizes the support of three institutions, the Saskatchewan Research Council, INRS-Eau, and Freshwater Institute.

My functions as President included participating in a regional workshop in Regina, 29-30 October 1987, held by the Science Council (organized by the Rawson Academy) to discuss Water Policy to the Year 2020. At this, I also represented the Manitoba Environmental Council. In my report on the Workshop, I indicated the views were my own and not necessarily policy of either organization.

The by-laws are an important step for SCL indicating a level of maturity and an assumption of identity. They express a choice members have made that SCL be an arm of SIL. The practical implication of this is that there is only one class of ordinary membership equivalent to both SIL and SCL memberships previously. More than that, it puts us more in touch with the international community of scientists, at the same time as we more and more are dealing with global environmental problems. This closer relationship entails responsibility on our part to contribute and support SIL, but we also benefit from SIL in terms of resources (policies, network, tradition) from which to draw.

It is necessary that SCL maintains a broad scope of interests and activities. Global events impact upon the quality of our environment, on our institutions, research topics and our research support. We live in a world of five billion people, a number reached in mid-1987. More important are the dynamics. It took several million years from the origin of the human species until 1800 to reach one billion people. The second billion took about 100 years; the third, 30 years; the fourth, 15 years and the fifth, 12 years. 80% of the increase in human numbers has occurred in 0.02% of human history. The existence of the last 4 billion people is made possible by the industrial age based on non-renewable fossil fuels, recyclable but limited metals, machines, and nuclear power plants and hydroelectric dams built using the former three. The last two centuries represent an enormous flash of consumption of the world's stock of energy and material resources (renewable and non-renewable).

I suggest there are two major interfaces between SCL and this flash. First, many of us work on the effects of that energy burst, primarily on the entropy (randomness, chaos) produced by that use (the "garbage" side of energy use)--effects of fossil fuel combustion, smelting emissions, nuclear power plant emissions (routine, accidental, waste-related), hydroelectric development, sewage and industrial wastes, waste reduction by incineration, or effects of converting the energy-rich materials to pesticides.

Water, as well as being a requirement for life, is a sink for garbage. Part of the data we produce can be used to argue for reducing the amount of wastes or mitigating their impacts. For this purpose, our collective job is not done by publishing it in a journal -- no matter how prestigious or widely-circulated. It is necessary that we (or our delegates) integrate it, interpret it and ensure that it is fully incorporated into the decision-making processes of governments and industry.

Secondly, it is clear that this trajectory of population growth, energy consumption, materials use, and waste effects, cannot be sustained. This is the message of the World Commission of Environment and Development in its report "Our Common Future". SCL no doubt can play a role in trying to understand and document the needs of the post-flash, post-fossil fuel-based sustainable human society.



Diane F. Malley

6 January 1988

SOCIETY OF CANADIAN LIMNOLOGISTS  
SOCIÉTÉ CANADIENNE DE LIMNOLOGIE

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TO SCL AND CANADIAN SIL MEMBERSHIP

From: Hans Peterson, Secretary-Treasurer

FINANCIAL REPORT FOR SOCIETY OF CANADIAN LIMNOLOGISTS (SCL)

Total on hand at the end of fiscal 1986	\$2,425.44
Bank of Montreal Account at the end of fiscal 1987	\$1,796.97
University of Manitoba Account at the end of fiscal 1987	\$ 77.95
Total on hand at the end of fiscal 1987	\$1,874.92

FINANCIAL REPORT FOR SOCIETY OF INTERNATIONAL LIMNOLOGY (SIL)

Total on hand at end of fiscal 1986	\$ 915.73
Transferred to SIL Swiss Account	\$6,788.73
Bank of Montreal Account at the end of fiscal 1987	\$1,208.43
Total on hand at the end of fiscal 1987	\$1,208.43

DUES FOR 1988

Regular SCL Membership (includes SIL membership)	\$ 55.50
Student SCL Membership (includes SIL membership)	\$ 27.75
Institutional SCL Membership (includes SIL membership)	\$ 91.00
Affiliate Student Membership (will only get regular correspondence from SCL executive)	\$ 5.00

MEMBERSHIP REPORT

Paid Memberships for 1987

SIL Regular Members	124
SIL Institutional Members	<u>15</u>
TOTAL SIL Membership	139

SCL Regular Members	53
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This is the last time SCL and SIL memberships are reported separately.

FINANCIAL REPORT FOR THE 7TH ANNUAL MEETING, OTTAWA JANUARY 1988.

INCOME

Student registrations	28, \$5.00/ea =	\$140.00
Regular registrations	28, \$10.00/ea =	\$280.00
TOTAL		\$420.00

EXPENDITURES

Courier		\$4.00
Coffee		\$11.20
Rigler Speaker Lunch		\$12.00
Name Tags		\$16.50
Plaque Rigler Speaker		\$14.89
TOTAL		\$58.59

## SCL - SIL AUCTION MUNICH '89

A SCL-inspired auction of limnological items at the 1987 SIL Congress in Hamilton, New Zealand, netted over \$500 U.S. for the Vittorio Tonolli Memorial Fund for Furthering Limnology in Developing Countries. This fund was initiated by a donation of \$50,000 U.S. from Livia Tonolli. Interest from the fund provides assistance to young limnologists of developing countries for the acquisition of limnological experience.

Based on the New Zealand experience the SCL Executive Board has approved plans for a bigger and better auction at the Munich SIL Congress in August, 1989. The coordinator will be Dr. J.R. Vallentyne who organized and with the help of SCL members ran the New Zealand auction. The Board feels that it is reasonable to request every SCL member attending the Munich Congress to provide on-site help in the organization and execution of the auction.

Auctionable items should be of general and/or limnological interest (ELA hats and T-shirts, books, classic limnological papers, etc., were among the hot items in New Zealand). If one-third of the prospective attendees in Munich each brought items equivalent in value to one-year's SIL membership dues the result would enrich the Tonolli fund by \$15,000.

Persons who have articles they would like to put up for auction (regardless of whether or not they expect to be in Munich) are urged to contact Jack Vallentyne early so that items of unusual interest can be cited in fliers to be mailed with Congress circulars.

For further information contact: Jack Vallentyne

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