

**Minutes  
CNC/SCOR AGM  
May 30, 2005  
Park Plaza, Vancouver Airport Conference Resort**

The meeting was called to order at 9:10.

**1. Welcome and Introductions**

**Attending:** Bjorn Sundby, Dick Stoddart, Jinyu Sheng, Rob Macdonald, Susan Allen, Paul Myers, Leah Braithwaite, Gordon McBean, Bob Jones (part time), Jay Cullen, Roger Francois, Neil Campbell

**Regrets:** Allyn Clarke, Ian Perry, Ali Aksu, Christine Michel, Brad de Young, Mike Stacey, Suzanne Roy, Dave Barber, Ian Rutherford, Kenneth Lee

**2. Approval of 2005 Agenda**

The draft agenda sent to members on April 17, 2005 was approved without change.

**3. Approval of May 30, 2004 Draft Minutes**

The last CNC/SCOR AGM was held on May 30, 2004 in Edmonton. The minutes of that meeting were distributed to members on June 2, 2004. It was **moved** by Paul Myers, **seconded** by Jinyu Sheng that the minutes be approved as circulated. **Carried.**

**4. Review of 2004/2005 Actions**

A status report on all the action items from the May 30, 2004 AGM was provided to members on May 20, 2005. Most actions from the May 30, 2004 meeting were covered within the appropriate agenda items of this meeting. The one issue that was not included elsewhere in the agenda was that of the status of the posting of information on recent MSc and PhD theses in ocean sciences on the CNC/SCOR web site. The Secretary reported that the listing had been expanded slightly over the past year to include additional Canadian universities, and that appropriate contacts had been made to update the listings to the end of 2004. The Secretary will endeavor to expand the listing still further in the coming months. **Action: Dick Stoddart.**

**5. CNC SCOR Finances**

- (i) **CNC/SCOR revenues and expenses.** The Secretary reported that the audit for 2004 indicates a CNC/SCOR balance of \$34.6K. Expenses for CNC/SCOR for 2004/2005 were:

- Secretariat services	\$ 0.9K
- Travel costs to Edmonton CNC/SCOR AGM	\$ 4.5K
- Travel costs to Venice SCOR AGM	\$ 9.9K
- Two tour speakers	<u>\$ 3.2K</u>
Total	\$ 18.5K

It is expected that expenses for 2005/2006 will likely be more in line with traditional levels as the need for CNC/SCOR to send Canadians to the SCOR Executive meeting in Cairns, Australia will likely be reduced (from three to the Venice meeting, to likely one to the Cairns meeting).

- (ii) **Agreement with DFO.** The agreement between DFO and CMOS for continuing funding support through 2005/2006 is with DFO Finance for final processing.
- (iii) **Agreement with NRC.** The agreement between NRC and DFO, for NRC to pay the international SCOR fees (currently \$US 18.5K) was in effect through the end 2004. NRC undertakes a formal evaluation every 4 years to determine if they will extend such support into the future. The NRC evaluation of CNC/SCOR and the benefits of continued Canadian participation in international SCOR has been initiated through the completion of a preliminary (favorable) report by DFO to NRC. A follow-up exchange on the draft report has been completed to address a few issues identified by NRC. It is not expected that there will be any difficulty in extending the Agreement for another four years.

## 6. CNC/SCOR Issues and Activities

- (i) **Web site.** Members were provided, on November 12, 2004, a summary of the hit statistics on the web site. The webmaster, Bob Jones, provided the meeting with an update of hit statistics for the site for the Jan.1, 2005 to May 23, 2005 timeframe. His presentation was within the context of the entire CMOS web site, of which CNC/SCOR is but a part. During that timeframe components of the SCOR site was accessed in excess of 20,000 times, almost 7% of the entirety of the CMOS site. Members were very encouraged by the activity and profile of the CNC/SCOR site.

The CNC/SCOR web site ([www.cncscor.ca](http://www.cncscor.ca)) has been kept up to date and checked periodically for dead links. Major items added since last year include: all CNC/SCOR Canadian Ocean Science Newsletters, international news, results from the Venice international SCOR meeting, summaries of all SCOR related programs, and ocean science theses titles/authors from various Canadian universities.

- (ii) **Newsletter.** The electronic Canadian Ocean Science Newsletter was implemented on July 20, 2003. Seven were distributed in the first year and eight more issues in the second year (number 15 was distributed on May 18, 2005). Currently there are 405 subscribers. Up until the last two issues the Newsletter had sufficient coverage and content, with:
  - publication approximately every 6-7 weeks,
  - approximately 10 pages in length,
  - about 10-12 articles per issue,
  - contributors from DFO, universities and the private sector, and
  - feedback from subscribers that the Newsletter was welcome and interesting.

For the last two issues interest from potential contributors has dwindled to the point that there were only five articles in the last issue. This was in spite of an

editorial appeal that unless more articles were forthcoming, consideration would have to be given to discontinuing its publication.

Members were of the opinion that the Newsletter was valuable to the community and should continue. Furthermore its frequency (every 6-7 weeks) was thought to be appropriate. Even though the number of articles had decreased somewhat with the last few issues, members were of the opinion that the Newsletter had proven value in terms of articles that were timely (electronic), focused (ocean science) and reliable in terms production time frames. All that being said, members agreed to help with augmenting the content for future issues through contacting their colleagues to seek additional contributions. **Action: All Members.** The Secretary will continue to alert members as to the targeted date for future issues so that members may expedite additional articles for the Newsletter. **Action: Dick Stoddart.** Also there was agreement that the Newsletter should, in the main, be restricted to articles having Canadian content, and that ocean science articles with an international flavor should be posted on the CNC/SCOR site under “international news”. It was agreed that a short article should appear in the next issue of the Newsletter indicating that articles on international ocean science news, including international jobs, are being posted on the CNC/SCOR web site rather than being included in the Newsletter *per se*. **Action: Dick Stoddart.**

- (iii) **Lecture Tour.** Verbal reports were given by Susan Allan and Jinyu Sheng on the results CNC/SCOR tour speaker. Marlon Lewis toured the west coast (4 talks) and Philippe Tortell toured the east coast (6 talks) in early 2005, at a total cost to CNC/SCOR of \$3.2K. As proposed at the last AGM, some additional costs to host the speakers at various locations were picked up locally, so the total cost of the tours is really somewhat higher. The tour speaker initiative was deemed highly successful, well received in local centers and lauded for the relevance and excellence of the tour topics and speakers. It was recommended that the tour speaker initiative be continued. In order to gain additional feedback and visibility with the community, it was agreed that Susan Allan and Jinyu Sheng would arrange to submit short articles for the Newsletter on the results of the first year of the CNC/SCOR sponsored lecture tour. **Action: Susan Allen, Jinyu Sheng.**

With respect to feedback from some local host centers, it was suggested that (i) future tours should avoid the time slot of the CMOS tour speaker so that scheduling problems would not arise; e.g. they would have preferred a fall speaker, or at least a speaker in a different month than the CMOS tour speaker, and (ii) requests to provide local funding support should be made up front, not after a local center had agreed to host such a speaker only to find that they would eventually be approached to help with local funding (hotels and/or meals). Susan Allan and Jinyu Sheng were both able to solicit local funds to support the tour speaker, but they recommended that it would be more efficient if CNC/SCOR could pick up all the costs of the tour speakers in order to facilitate invoices from speakers going to just one location; e.g. avoid multiple invoices and payments. On the other hand it was recognized that the sharing of costs generated more buy-in from local hosts to ensure success of the talks. Also, it would be viewed by senior management in DFO to be good leverage of their resources if funding partners could be demonstrated.

It was agreed that a second round of lectures would be sponsored by CNC/SCOR for 2005/2006, taking into account experiences gained in the first lecture tour series. Financial arrangements will remain the same with local (host) partners being sought. Susan Allen and Jinyu Sheng will again come up with a short list of potential speakers in the coming weeks, and a conference call will be held with the Chair to determine which speakers should be initially contacted to assess their willingness to participate in the lecture tour. **Action: Susan Allen, Jinyu Sheng, Bjorn Sundby.**

(iv) **Membership.** CNC/SCOR membership is currently as follows:

Bjorn Sundby, Chair, UQAR 2003, 2004, 2005  
Ken Lee, Past Chair, DFO/BIO, 2003, 2004, 2005  
Susan Allen, UBC, 2002, 2003, 2004, 2005, 2006, 2007  
Rob Macdonald, DFO/IOS, 2002, 2003, 2004, 2005, 2006, 2007  
Jinyu Sheng, Dalhousie, 2003, 2004, 2005  
Maurice Levasseur, Laval, 2004, 2005, 2006  
Ali Aksu, Memorial, 2004, 2005, 2006  
Christine Michel, DFO/FWI, 2004, 2005, 2006  
Brad de Young, Memorial, 2004, 2005, 2006  
David Barber, Manitoba, 2004, 2005, 2006  
Allyn Clarke, DFO/BIO, 2004, 2005, 2006  
Dick Stoddart, Secretary, 2002, 2003, 2004, 2005, 2006, 2007  
Ian Rutherford, *ex-officio*, (CMOS)  
Suzanne Roy, *ex-officio*, UQAR (GEOHAB)  
Ian Perry, *ex-officio*, DFO/PBS, (GLOBEC)  
Mike Stacey, *ex-officio*, RMC (IAPSO)  
Paul Myers, *ex-officio*, UofA (CMOS Scientific Committee)

“Nominated Members” to international SCOR from Canada are Bjorn Sundby, Ken Lee and Allyn Clarke.

The CNC/SCOR Executive Committee is Bjorn Sundby, Ken Lee, and Dick Stoddart.

Of the members completing their terms at the end of 2005, it was agreed that: (i) Bjorn Sundby (McGill, UQAR) would become the Past Chair for the next three years replacing Ken Lee (DFO/BIO), and (ii) Jinyu Sheng (Dal) would have his term extended for an additional 3 years. It was agreed that the Chair would contact members who had been relatively inactive over the past year to gauge their interest in continuing as members of CNC/SCOR. **Action: Bjorn Sundby.**

It was agreed that the selection process for a new Chair for CNC/SCOR (for a three-year term of 2006, 2007 and 2008) should be initiated at the AGM. Potential names mentioned at the May 30, 2005 meeting included (alphabetically) Allyn Clarke, Rob Macdonald, and Gordon McBean. It was noted that CNC/SCOR members not present may have additional ideas for potential candidates. It was further noted that a new Chair did not necessarily have to be selected from the current list of CNC/SCOR members. It was agreed that the selection process would be as follows: (i) the Chair will solicit from CNC/SCOR

members any additional ideas on a potential new Chair, (ii) the Chair would contact potential Chairs to see if they were willing to serve as Chair of CNC/SCOR for the next 3 years, and (iii) the Chair, using the mechanism of the CNC/SCOR Executive Committee, would appoint the next Chair of CNC/SCOR before the end of 2005. **Action: Bjorn Sundby, Ken Lee, Dick Stoddart.**

The Secretary, noting that he had been retired for five and a half years, identified that he was becoming more-and-more out of touch with ocean sciences and its community. As such he suggested that if a good candidate for Secretary could be identified in the near future CNC/SCOR should take action to interest and entrain such a person. While appreciating the issue of diminishing contact with the Canadian ocean science community, CNC/SCOR members were of the opinion that the present Secretary was very valuable to the organization and should be retained if at all possible. It was agreed by CNC/SCOR that, to keep somewhat up-to-date with current issues and programs in ocean science, the Secretary should visit Canadian laboratories, universities, etc. on a regular and opportunistic basis.

## 7. SCOR International

- (i) **Remarks from SCOR President.** Bjorn Sundby was elected international SCOR President in September 2004. He provided members with a brief synopsis of activities undertaken on behalf of SCOR since that time, including; representing SCOR at the SOLAS meeting in Halifax, participating in a carbon (agency) coordination meeting at IOC headquarters in Paris, attending the IGBP meeting in China, participating in an opportunistic meeting with ICSU and IOC officials, planning for attendance at the IOC Assembly meeting in June 2005, and organizational matters respecting the agenda for the upcoming SCOR meeting in Australia in August 2005. He indicated that one of his priorities as Chair was to try and entrain additional countries into SCOR; e.g. initially he was concentrating on adding membership from Portugal, Greece and Iceland. With respect to the SCOR secretariat he has made strides to improve their newsletter as well as their web site. For information, he provided members with his formal evaluation of the performance of past SCOR Working Groups which included an assessment of the impacts of SCOR Working Groups, lessons learned and observations on the visibility of SCOR Working Group products.
- (ii) **Existing SCOR Working Groups.** Updates on all active international SCOR Working Groups, including indications of Canadian participation, were provided to members on May 20, 2005 as part of the extensive annotated agenda. An additional written update was provided to members from Dave Mackas on issues related to Working Group 125 (which he co-chairs) on Global Comparisons of Zooplankton Time Series; this report was also posted on the CNC/SCOR web site.
- (iii) **SCOR Scientific Committees; e.g. JGOFS, GLOBEC, GEOHAB, etc** SCOR has been instrumental in the planning and coordination of large-scale ocean research projects for long-term, complex activities. SCOR provides a mechanism to bring together international scientists for this purpose. Details on each of these programs (GEOHAB, GEOTRACES, GLOBEC, JGOFS, IMBER, SOLAS) may

be found at <http://www.jhu.edu/~scor/lgscale.htm>, including details on membership, sponsors and terms of reference. Canadian scientists are on each of the scientific steering committees for these programs. A May 18, 2005 4-page report on a Canadian meeting to consider a national program affiliated with **GLOBEC/ESSAS** (Ecosystem Studies of Sub-Arctic Seas) was provided by Ian Perry and distributed to CNC/SCOR members; members were encouraged to disseminate the report to any interested colleagues.

Roger Francois (UBC) presented CNC/SCOR with an excellent overview of the **GEOTRACES** program, an international research project to study the global marine biogeochemical cycles of trace elements and their isotopes. GEOTRACES has its foundation from the 1970s GEOSECS program, building on its accomplishments but utilizing significantly improved sampling techniques, modern instrumentation, advanced modelling, etc. Dr. Francois outlined the importance and mission of GEOTRACES, its program structure, organizational themes, future timelines and needed and planned interactions with other programs. He encouraged participation in the GEOTRACES program from the Canadian ocean science community and promised to keep CNC/SCOR apprised of progress and opportunities.

Jay Cullen (UVic) is a member of the Scientific Steering Committee of the Integrated Marine Biogeochemistry and Ecosystem Research (**IMBER**). IMBER, formerly known as OCEANS is being led by Julie Hall (New Zealand). The plan is for GLOBEC to be fully absorbed into IMBER by 2009. Dr. Cullen noted that the science plan and the implementation strategy had recently gone to press. The plan has several themes, including interactions between marine biogeochemical cycles and ecosystems; sensitivity of ecosystems, biogeochemical cycles, and their interaction to global change; and feedbacks from biogeochemical cycles and the ecosystem to the Earth System components. A web site is being set up to encourage endorsement of the IMBER themes and to provide a mechanism to identify projects, particularly those needing co-sponsorship. At present there is no organized national group to plan IMBER research. Dr. Cullen offered to provide the IMBER science plan to any interested Canadian scientist identified by CNC/SCOR members. **Action: All Members.**

- (iv) **SCOR Affiliated Programs; e.g. IMAGES, IOCCG, etc.** SCOR has developed a process for affiliation of research programs and long-term study committees with SCOR. SCOR does not provide financial support to these programs, but affiliation may increase a program's international visibility and access to scientists in SCOR member nations, as well as providing the benefit of SCOR advice on program committees and activities. Each affiliated program is reviewed for continued affiliation at each SCOR General Meeting and affiliation is automatically terminated at the end of 10 years. Details on the current affiliated programs (CoML, iAnZone, IMAGES, IOCCG, InterRidge) may be found at <http://www.jhu.edu/~scor/coop.htm>.
- (v) **2004 Venice Annual Meeting.** The SCOR Annual Meeting was held on September 27-30, 2004 in Venice, Italy. CNC/SCOR was represented at the meeting by Bjorn Sundby and Dick Stoddart. Their full report on the meeting was provided to members, and to DFO and NRC, and it is posted on the

CNC/SCOR web site. Also attending the Annual Meeting, and financially supported by CNC/SCOR, was Dave Mackas to present the Canadian co-sponsored proposal for a new SCOR Working Group on “Global Comparisons of Zooplankton Time Series”. The proposal for this new Working Group was accepted by SCOR. The Working Group has been implemented and is active.

- (vi) **2005 Australia Executive Meeting.** The 2005 SCOR Executive Meeting will be in Cairns, Australia on August 29 – September 1, 2005. Bjorn Sundby will represent CNC/SCOR at this meeting. SCOR international will support all his travel costs for this meeting since he will be chairing the meeting in his capacity as SCOR President.
- (vii) **New SCOR Working Groups.** The SCOR Secretariat has provided information on 6 new Working Group proposals for consideration at the 2005 SCOR Executive Meeting in Australia. The six new proposals are posted on the international SCOR web site at <http://www.jhu.edu/~scor/2005EC.htm> They are:
  1. [WG on Thermodynamics and Equation of State of Seawater](#),
  2. [WG to Investigate Mesopelagic Fish Populations as Potential Fishery Stocks](#),
  3. [WG on Hydrodynamic and Sediment Transport Model Prediction Performance Criteria](#),
  4. [WG on Natural and Human-Induced Hypoxia and Consequences for Coastal Areas](#),
  5. [WG on Deep Ocean Exchanges with the Shelf](#),
  6. [WG on Critical Bathymetric Studies](#).Allyn Clarke has provided a draft response for CNC/SCOR on the six proposals, as documented in the annotated agenda distributed to members on May 20<sup>th</sup>. Members verbally provided some additional comments that will be incorporated into a Canadian response by the Chair. **Action: Bjorn Sundby.** Any additional comments by CNC/SCOR members, or their suggested reviewers, must be made to Dr. Sundby in time for the submission deadline of the end of July 2005. **Action: All Members.** Unless additional comments are to the contrary over the coming weeks, it appears that the first two Canadian priorities from amongst the six proposals would be for the equation of state of seawater proposal and the hypoxia proposal.
- (viii) **ICSU and SCOR.** At the last CNC/SCOR AGM in 2004 Gordon McBean reported on his personal observations of the very favourable review by ICSU on SCOR as part of the ICSU strategy development and assessment. Gordon’s observations included the positive aspects of the review as well as suggestions for possible future improvements of programs and perceptions. ICSU remains a strong supporter of SCOR and its programs.

In his remarks concerning international ocean science, and the positioning and priority of Canadian ocean science within large-scale oceanographic science, Dr. McBean raised the notion that CNC/SCOR could prove a valuable resource in identifying to Government the key roles and benefits of such efforts. A first step in this regard might be to have SCOR as a regular agenda item at key meetings of the DFO Science Advisory Committee (SAC) chaired by Art Collin. The concept would be for CNC/SCOR to be helpful to DFO in development of their ocean action plan by providing a context and a priority for ocean science within an international science framework. Such a perspective could also be helpful in providing a placeholder for DFO on international ocean science within broadly based government-wide issues and opportunities. CNC/SCOR fully supported

this idea and asked that it be pursued as soon as possible. **Action: Leah Braithwaite, Gordon McBean, Bjorn Sundby.**

Gordon McBean noted that ICSU was in the process of considering development of a cross-disciplinary program on natural hazards, including issues of human induced natural hazards. He suggested that SCOR might consider becoming involved in this new program.

On the international scene Gordon McBean noted the upcoming meeting of COP 11 in Montreal in Nov./Dec. 2005. CFCAS is assessing the need for parallel scientific events at that meeting and he suggested that SCOR consider the possibility of using such a venue to highlight international ocean science issues and opportunities.

## **8. International Polar Year**

CNC/SCOR, mainly through the efforts of Rob Macdonald, was instrumental in organizing a special session on IPY at the Vancouver 2005 CMOS Congress, to address ongoing plans and to discuss opportunities and possible initiatives that might be pursued.

Rob Macdonald described the IPY pre-proposal process that had been undertaken in Canada and internationally. The process had already incorporated a bundling activity to gather together like-minded proposals. While it might make sense to try and tease out an integrated ocean science plan at this time, it was thought it would be fairly easy to establish a national program from the documentation already in the system and it would be more efficient to leave this activity until overall funding envelopes were better known.

It was suggested at last year's CNC/SCOR AGM that we consider the need for a letter to the federal government pointing out the need and opportunity for Canadian involvement in ocean science initiatives with respect to IPY, and that dedicated funding would be required if Canada were to be able to take part in IPY in any meaningful way. This suggestion has essentially been overtaken by events as it is recognized that senior management and politicians are already well briefed on IPY needs and opportunities. It remains only to decide the level of funding that will be afforded to IPY in Canada, and a subsequent allocation of such funds to various IPY themes and programs once overall funding levels are determined. It was stressed that there were no shortage of ideas for an IPY ocean science program; funding is the major issue. The IPY opportunity is within an international science context, not just backyard local initiatives. A major concern is that eventual funding levels might not be sufficient to undertake much of a science program – instead funding levels might be such that Canada would only be able to provide adequate programs for enhanced logistic support to other participating nations, such programs as search and rescue, etc.

## **9. Inter-Relationships Between SCOR and CMOS**

### **(i) Accounting, Secretariat, Web Site, Annual Report**

- The CMOS office looks after revenues and expenses for CNC/SCOR. While this is not too onerous a task, a dozen or so transactions per year, the service is very much appreciated, particularly since the CNC/SCOR accounts are included in the formal annual audit of CMOS.



- While most secretariat functions are handled by the CNC/SCOR Secretary, the CMOS office helps significantly in several areas, such as the receipt of invoices, arrangements for conference calls, and liaison with DFO and NRC on the renegotiation of formal agreements.
- CMOS, through the very reliable and proactive efforts of Bob Jones, hosts the CNC/SCOR web site.
- CMOS, through their Annual Review, publishes the annual CNC/SCOR report.
- CNC/SCOR attracts members to CMOS and Congresses through co-location of meetings, publication of CMOS activities events through its electronic Newsletter, and promotes ocean science nationally and internationally through channels not normally within the CMOS mainstream.

**(ii) CMOS Awards.** In some previous years CMOS awards for eligible Canadian oceanographers have gone un-awarded due to lack of nominations. CNC/SCOR members have been encouraged to ensure that one or more names were put forward in categories for eligible oceanographers. It is suggested that the practice continue of CNC/SCOR members ensuring that nominations are put forward to ensure recognition of deserving oceanographers. In order to be aware of the influx, or not, of nominations for the various awards eligible to oceanographers it was suggested that CNC/SCOR contact CMOS with a suggestion that a member from CNC/SCOR be part of the Awards Committee. **Action: Bjorn Sundby.** The concept would be that if it becomes apparent to that member that there will not be any nominations in a particular category, that member could alert CNC/SCOR to solicit nominations at the last minute before submission deadlines have come and gone. It would not be appropriate for that member to solicit nominations directly as there would be a perceived conflict of interest. The CNC/SCOR member on the Awards Committee could provide continuity of representation in consecutive years, so that if there were an abundance of nominees in any one year there would be no need to solicit additional nominees in the following year since (we understand) nominations carry over at least one year. The intent is to try and avoid situations were: (i) awards are not made due to lack of nominations, and/or (ii) awards are not made due lack of adequate documentation for a particular nomination.

In any case, CNC/SCOR members agreed to proactively solicit nominations for awards for deserving oceanographers for eligible CMOS awards, and for the newly created Timothy R. Parsons Award for Excellence in Ocean Sciences which has just been initiated by DFO. **Action: All Members.**

**(iii) Congresses.** CNC/SCOR will contact the Chair of the Scientific Planning Committee for the 2006 Toronto CMOS Congress to assess any potential need for enhanced membership on their committee so as to ensure an interesting and comprehensive oceanographic coverage in the program. **Action: Ian Rutherford.**

## **10. Timing and Location of Future Meetings of CNC/SCOR**

It was agreed that the next CNC/SCOR meeting would take place in 2006 in Toronto in conjunction with the CMOS Congress. Conference calls on CNC/SCOR emerging issues will be called as the need arises. **Action: Dick Stoddart.**

## 11. Other Business

- 11.1 Oceanography Photos.** The meteorological community has undertaken a project to document and archive Canadian meteorological photos on the CMOS web site. See <http://www.cmos.ca/Metphotos/photoindex.html> for the archive as it presently is configured.

After discussion, CNC/SCOR agreed to initiate a parallel activity on the oceanographic side as a contribution to the CMOS photo archive. Most of the meteorological photo archive consists of photos of meteorological training courses. While similar oceanographic photos are not available in Canada, many other photos are likely of interest and available, such as cruise photos showing the scientific team, group photos of labs/agencies/faculties when they were established, group photos of oceanography faculties at universities through the years, group photos at memorable international or national ocean science conferences hosted in Canada, etc.

It was agreed that the Secretary would contact a few sympathetic individuals to supply some photos for an initial start up of the web archive. **Action: Dick Stoddart.** The criteria would be simple: an emphasis on group photos with captions (event) and documentation of most, if not all, of the individuals in the group photo, and photos should be of sufficient quality that individuals may be recognized. In the meantime, members were asked to provide to the Secretary any (scanned) photos that they might have readily at hand, and to suggest names (with email addresses) of individuals who might be willing to review their photo archives or contact like-minded colleagues, such as professors emeritus, retired scientists, etc. **Action: All Members.**

## 12. Adjournment

The meeting was adjourned at 13:50.