

## Secretary's Report / Rapport du Secrétaire

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# Secretary's Report

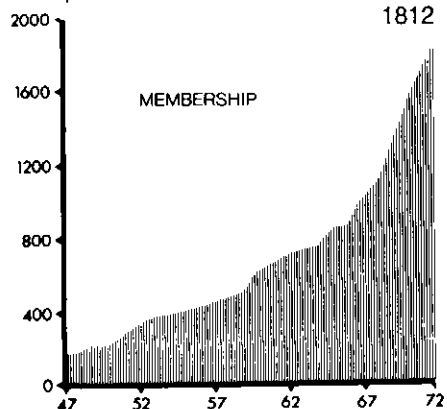
## Membership

Membership of the Association as of May 1st, 1973 is:

|                                   |      |
|-----------------------------------|------|
| Honorary Members and Patrons      | 8    |
| Fellows, including 4 Life Members | 1441 |
| Associates                        | 363  |
|                                   | 1812 |

The growth in membership since the formation of the Association is shown in Figure 1. The geographic distribution of Membership (Fellows and Associates) is:

|                                  |      |
|----------------------------------|------|
| Newfoundland                     | 62   |
| Nova Scotia                      | 50   |
| New Brunswick                    | 24   |
| Quebec                           | 188  |
| Ontario                          | 660  |
| Manitoba                         | 44   |
| Saskatchewan                     | 31   |
| Alberta                          | 174  |
| British Columbia                 | 320  |
| North West Territories and Yukon | 16   |
| United States                    | 137  |
| Australia - New Zealand          | 27   |
| South and Central America        | 10   |
| Africa and Asia                  | 25   |
| Europe                           | 44   |
|                                  | 1812 |



**Figure 1**  
Growth in membership.

Members elected since August 1st, 1972 are as follows:

|                  |                 |
|------------------|-----------------|
| J. M. Ade-Hall   | A. Lissey       |
| W. Chesworth     | D. K. Murphy    |
| A. L. Decarle    | R. M. Quigley   |
| W. S. Fyfe       | K. N. M. Sharma |
| A. M. Hussey II  | N. F. Trowell   |
| P. J. Lee        | G. S. Zimmer    |
| P. T. McCullough | W. F. Cannon    |
| W. N. Plumb      | R. D. Date      |

|                |                  |
|----------------|------------------|
| P. H. Reynolds | J. J. Fawcett    |
| J. G. Tanner   | R. H. Hewins     |
| J. L. Wallach  | A. A. Khan       |
| G. Bihl        | J. A. MacDonald  |
| C. C. Choi     | W. S. Pitcher    |
| H. V. Donohoe  | P. W. Ransom     |
| G. B. Griswold | J. F. Stephenson |
| M. R. Kalin    | P. R. Vogt       |

### Associates:

|                   |                     |
|-------------------|---------------------|
| D. A. Baldwin     | H. S. Swinden       |
| J. A. Briskey Jr. | H. J. Urhahn        |
| O. R. Cullingham  | J. W. Whitney       |
| A. P. Kohut       | R. A. Olsen         |
| R. J. H. Barclay  | K. M. Siemiatkowska |
| G. W. Cameron     | Y. Tremblay         |
| J. B. Hinzer      | J. Vahtra           |
| B. E. Macnabb     | D. M. Wightman      |
| D. J. Birnie      | S. L. Putter        |
| R. L. T. Comeau   | W. D. Sinclair      |
| R. E. Jackson     | J. Tuach            |
| R. W. Neufeldt    | J. G. Vaughan       |
| C. Nikols         | E. M. Wray          |
| G. K. Renwick     |                     |

### Transfer from Associate to Fellow:

|                   |
|-------------------|
| D. F. Fisher      |
| P. P. Master      |
| C. J. N. Fletcher |
| P. C. Thurston    |
| M. Marchand       |

An additional 78 applications for membership plus 3 applications for "transfer" are presently being processed by the Secretary's office.

Adjustments in the total membership resulted from the following:

|          |    |
|----------|----|
| Deceased | 10 |
| Resigned | 19 |

|                   |
|-------------------|
| B. I. F. Breakey  |
| M. P. Dickson     |
| I. E. Hutcheon    |
| V. J. Okulitch    |
| E. W. Shaw        |
| D. G. Cargill     |
| V. Goldsmith      |
| J. Levay          |
| F. G. Pardee      |
| C. Thibault       |
| E. H. C. Cornford |
| C. J. Hodgson     |
| J. O. McCue       |
| H. S. Perdue      |
| J. B. Wertz       |
| R. M. Credd       |
| T. Hoy            |
| J. H. Ogg         |
| H. S. Robinson    |

It is with regret that the death of the following members must be recorded:

|               |
|---------------|
| F. J. Alcock  |
| B. J. Keating |
| C. K. Bell    |
| T. Koulomzine |
| M. E. Hurst   |
| A. C. Lee     |
| W. C. Jones   |
| T. Parks      |
| J. R. Smith   |

The loss of one of our Past-Presidents, I. W. Jone of Quebec city, who was President during 1954/55 is also regretted.

## Logan Medal

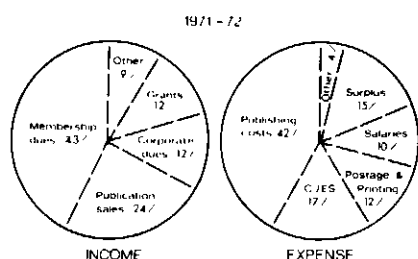
In 1972 the Logan Medal was awarded to Dr. Robert F. Legget for his outstanding contributions to the earth sciences. At the presentation at the Annual Luncheon, President Duncan R. Derry recalled Dr. Legget's notable achievements in engineering and environmental geology including his widely adopted textbook in the former area.

## Finances

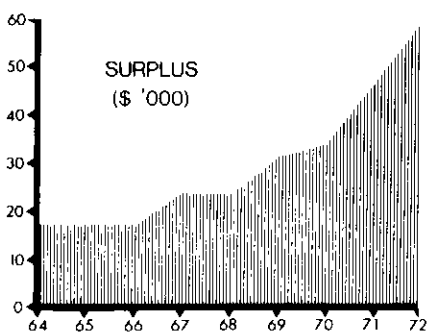
An audited financial statement to the end of 1972 has been recently mailed to all members. The small deficit of 1971 was replaced in 1972 by an excess of income over expenditures amounting to \$20,486.04. This surplus was a result of several factors, the main ones being, a) revenues from the sale of Special Papers 9, 10, and 11, while only the cost of publishing one of these (No. 10) fell into the 1972 fiscal year; b) recovery of over \$4,000 surplus from the 1971 Annual Meeting. It must be stressed that much of this surplus will be required this year for the publication costs of Special Paper 11 (Tectonic Styles), 12 (Huronian Stratigraphy and Sedimentation), 13 (Cretaceous of the Western Interior), the Arctic Symposium (jointly with the C.S.P.G.), and the launching of the new publication (*Geoscience Canada*) that will replace the Proceedings.

As the appearance of G.A.C. Special Papers has been uneven over the last few years, an analysis of income and expenditure is best seen by merging the data for at least two years. The figures for 1971 and 1972 are used in Figure 2 which shows that

over 50 per cent of our income is derived from membership and Corporate membership dues. Almost another quarter of our income comes from the revenues of the sale of publications. It is noteworthy that our income from investments is extremely small in comparison to a larger society, such as the Geological Society of America, which has over 30 per cent of its revenues from investments. We hope that eventually this position can be corrected and that a more firmer financial base can be built up for the Association. Over the last few years our surplus has increased to a much more satisfactory level as indicated in Figure 3. Most of the expenses for the Association are incurred in publications, notably in our own *Geolog*, *Proceedings*, *Special Papers* together with 17 per cent being devoted to the *Canadian Journal of Earth Sciences*.



**Figure 2**  
Distribution of Income and Expenditures.



**Figure 3**  
Surplus.

### Committee Activities

The business of the Association was conducted through five Council Meetings on August 21st, and 25th, 1972 (Montreal), October 19th, 1972 (Waterloo), February 14th and May 24th, 1973 (Saskatoon). The activities of the standing committees and special committees are summarized below:

*The Finance Committee* chaired by Paul M. Kavanagh has made a concerted attempt to increase our Corporate membership. They have been successful in raising membership to 79, thus it has almost doubled within 18 months.

*The Programme and Publications Committee* has been subdivided. Jon Scoates is chairing a Programme Committee, responsible for preliminary planning and co-ordinating of future meetings. Following Waterloo in 1975, the G.A.C. Annual Meetings will be held at Edmonton in 1976 and at Vancouver in 1977. Jean Lajoie is heading a Publications Committee that is structuring new G.A.C. publication policies. In addition, Lajoie acted as production editor for *Special Papers 11 and 12*. Planning is now underway with the Editorial Committee for the new publication, *Geoscience Canada*, to replace the *Proceedings*.

Gerald Middleton, the new G.A.C. Editor, has likewise been formulating new editorial policies with the aid of the *Editorial Committee*. Technical editing was undertaken for *Special Paper 12* and the last issue of the *Proceedings*. A half-time assistant will be employed shortly to assist in the production of *Geoscience Canada*. This new publication will have a magazine format and will contain review articles, state-of-the-art papers concerning disciplines within earth sciences, discussions of federal and provincial policies and programmes of earth sciences. Communications of any kind are invited from all members by Gerald Middleton.

While *Geolog* has continued, its Editor, Bill Hutchison, will be assuming the G.A.C. presidential duties, and we hope he will be able to cope with these editorial responsibilities for yet another year.

The Editorial Committee also met

with the N.R.C. officials producing the *Canadian Journal of Earth Sciences* to ensure closer co-operation and communication in the publishing of Canadian Geoscience material. Willis Ambrose, Editor of *C.J.E.S.* has also been appointed to our Editorial Committee.

*The Membership Committee* comprising of Jerry Remick (Chairman), D. R. Derry, C. G. Milligan, C. S. Ney, and R. E. Follinsbee reviewed some 143 applications for membership. With the G.A.C.'s wider scope of activities, it has been encouraging to see many new members whose background is in engineering and environmental geology and in geophysics. The Secretary's office is presently working on computerizing all membership data, one benefit being the more frequent production of membership booklets.

Jack Usher became the new Chairman of the *Education Committee* and organized a workshop at the 1973 Annual Meeting. In addition, the Committee is initiating the production of a career's booklet on earth sciences for Canadian high school students.

David Pearson, in chairing the *Public Information Committee*, has provided news releases on Annual Meeting events and on our new publications. Presently the Committee is working on the first of a series of popular guidebooks to key geologic areas for the general public.

*The Projects Committee* with Mike Keen as Chairman, has busied itself with the formation of a Geophysics Division and with a review of the constitution and by-laws. After lengthy discussions with the Canadian Association of Physicists, the constitution and by-laws were formulated for a joint Geophysics Division of both G.A.C. and C.A.P. This will be formally launched in the fall with a scientific meeting scheduled for January 1974 and with J. Tuzo Wilson as president-elect.

The G.A.C. by-laws have for some time contained many obsolete or inadequate items. With the suggestion that a name change to *Geoscience Association of Canada* may be more appropriate, the Committee undertook to revise the constitution and by-laws.

While the name change has not been approved by the membership in a ballot vote at the 1973 Annual Meeting, the housekeeping changes proposed in the by-laws ammendments have been approved by the ballot vote.

David Robertson has added provincial representatives to the *Professional Status Committee* and has begun to investigate in detail the professional status of geologists across the country and the possible role of the G.A.C. to improve this status.

*Other Business.* In addition to the establishment of a Geophysics Division, I am pleased to announce that just prior to this Business Meeting, a meeting of the environmental earth scientists accepted a proposal, following a mail ballot, to form an Environmental Earth Sciences Division within the Association. Don Lennox has guided this crystallization after some initial nucleation by Bob Farvolden. The latter will be its first President.

A revised and improved life insurance scheme was negotiated with North American Life by Duncan Derry. Communications are now directly between N.A.L. and members, rather than via the Secretary.

The G.A.C. library, originally donated by C. W. Knight, was sold to the Appalachian State University, Boone, North Carolina for \$7,250.

**Publications**

With the publication of many more high quality Special Papers over the last five years or so, the revenues from publication sales have risen dramatically. Compared to the previous year, revenues from the sale of publications more than doubled in 1972. This being due largely to three Special Papers becoming available and in popular demand. It is gratifying to note that several universities have adopted Special Paper 11 (Tectonic Styles) as a class text. The sales of publications from August 1st, 1972 to May 1st, 1973, together with the stock on hand, are tabulated below:

| <i>Proceedings</i> | <i>Copies sold</i> | <i>Copies on Hand</i> |
|--------------------|--------------------|-----------------------|
| Vol. 11            | 6                  | 55                    |
| Vol. 12            | 6                  | 9                     |
| Vol. 13            | 9                  | 15                    |
| Vol. 16            | 9                  | 36                    |
| Vol. 19            | 9                  | 58                    |
| Vol. 21            | 16                 | 432                   |
| Vol. 22            | 18                 | 306                   |
| Vol. 23            | 40                 | 25                    |
| Vol. 24, I         | 42                 | 108                   |
| Vol. 24, II        | 16                 | 47                    |

*Special Papers*

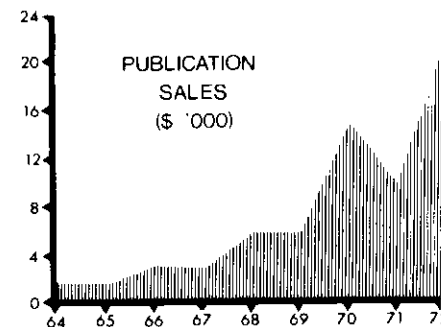
|     |       |       |
|-----|-------|-------|
| # 1 | 33    | 108   |
| # 5 | 124   | 196   |
| # 7 | 217   | 24    |
| # 8 | 212   | 2,262 |
| # 9 | 432   | 355   |
| #10 | 660   | 371   |
| #11 | 1,646 | 1,960 |

*Maps*

|  |    |     |
|--|----|-----|
|  | 12 | 387 |
|--|----|-----|

*Miscellaneous*

- G.A.C. Guidebook, 20th Annual Meeting, Kingston 1967
- G.A.C. Guidebook, 23rd Annual Meeting, Winnipeg 1970
- Information Circular 1, "Legal Status of Geologists in Canada."



**Figure 4**  
*Publication sales.*

*Respectfully submitted,*  
Christopher R. Barnes  
*Secretary-Treasurer*  
*Geological Association of Canada*  
*Department of Earth Sciences*  
*University of Waterloo*  
*Waterloo, Ontario*

**List of Members Attending the Business Meeting held at the University of Saskatchewan, Saskatoon, Saskatchewan, Friday, May 25th, 1973**

|                     |                  |
|---------------------|------------------|
| J. D. Aitken        | G. D. Hobson     |
| Norah J. Allman     | J. L. Jambor     |
| E. C. Appleyard     | P. M. Kavanagh   |
| P. Baer             | M. J. Kennedy    |
| A. H. Bailes        | A. F. King       |
| C. R. Barnes        | Jean Lajoie      |
| H. R. Belyea        | G. E. Lammers    |
| H. N. Bielenstein   | André Laurin     |
| T. E. Bolton        | J. A. Legault    |
| F. R. Cabije        | R. H. MacNeill   |
| Louis Cabri         | Roger Macqueen   |
| R. A. Cameron       | J. C. G. Moore   |
| G. G. Carlson       | E. R. W. Neale   |
| R. L. Christie      | Brian Norford    |
| L. A. Clark         | W. A. Padgham    |
| W. R. Cowan         | H. R. Peters     |
| Duncan Derry        | R. J. Rogerson   |
| Anna-Stina Edhorn   | R. F. J. Scoates |
| R. N. Farvolden     | John Stevenson   |
| E. G. Freeman       | Louise Stevenson |
| A. F. Gregory       | A. C. Turnock    |
| C. A. L. Hogg       | Marcel Vallee    |
| H. R. Wynne-Edwards |                  |

|   |     |
|---|-----|
| Total number of members attending the Meeting | 45  |
| Total number of members represented by proxy  | 668 |
|   | 713 |