

Secretary's Report May 14.1975

C. R. Barnes

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Secretary's Report

May 14, 1975

Membership

Membership of the Association as of

May 14, 1975 is:

| | |
|-----------------------------|-------|
| Honorary Members and Patron | 8 |
| Life Members | 4 |
| Retired Members | 21 |
| Fellows | 1,665 |
| Associates | 700 |
| Total | 2,398 |

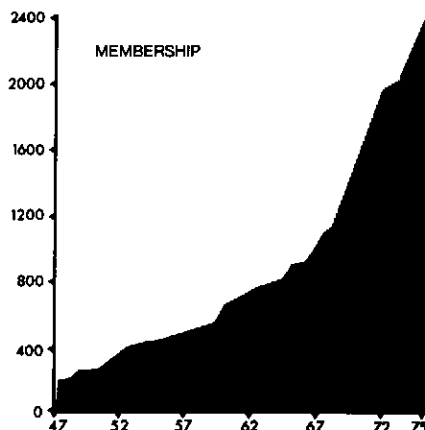


Figure 1
Growth in Membership 1947-1975

The 370 members elected since May 1, 1974 are as follows:

Fellows:

| | |
|----------------------|------------------------|
| Alley, N. F. | Haughton, D. R. |
| Anglin, F. M. | Haworth, R. T. |
| Aumento, F. | Haynes, S. J. |
| Ayres, L. D. | Heenan, P. R. |
| Badry, A. M. | Henderson, J. R. |
| Basham, P. W. | Herd, R. K. |
| Beaton, W. D. | Hewett, F. G. |
| Bell, J. S. | Hoy, T. |
| Boydell, A. N. | Hubregtse, I. I. M. W. |
| Brondijk, J. F. | Huff, G. E. |
| Brown, P. R. | Jagodits, F. L. |
| Buchbinder, G. G. R. | James, N. P. |
| Burke, K. B. S. | Janse, A. J. A. |
| Butler, T. A. | Jansons, U. |
| Chu, M. | Jones, H. M. |
| Cimon, J. | Jones, R. A. |
| Clifford, P. M. | Kaye, L. |
| Cranstone, J. R. | Keen, C. E. |
| Cruden, D. M. | Kerr, H. A. |
| Cox, R. L. | Kerr, J. W. |
| Davis, M. W. | Klassen, H. J. |
| Elrick, D. E. | Knaebel, J. |
| Ewing, G. N. | Knight, I. |
| Fahner, L. G. | Kretschmar, D. K. |
| Farley, R. A. | Lambert, A. |
| Fitzpatrick, D. J. | Langenberg, C. W. |
| Fleming, J. A. | Lauzier, G. |
| Frey, E. D. | Laznicka, P. |
| Gartner, J. F. | Lenz, A. C. |
| Geraghty, E. P. | Lincoln, J. B. |
| Gray, N. H. | McCauley, T. N. |
| Gregotski, E. L. | MacDonald, R. |
| Halls, H. C. | MacLeod, J. W. |
| Hamilton, W. N. | Mamet, B. L. L. |
| Hannaford, W. | Manchuk, B. |
| Hattie, D. W. | Manistre, B. E. |
| | Miall, A. D. |

| | |
|---------------------|---------------------|
| Miller, H. G. | Srivastava, S. P. |
| Morrow, D. W. | Stalker, A. M. |
| Mose, D. G. | Stephens, L. E. |
| Mossman, D. J. | Strangway, D. W. |
| Murthy, G. S. | Stringer, P. |
| McLaws, I. J. | Storer, J. E. |
| McLean, J. R. | Stumpf, E. F. |
| Nagy, A. | Sweeney, J. F. |
| Niblett, E. R. | Tan, F. C. |
| Nicolet, J. P. | Tozer, E. T. |
| Osterstock, R. W. | Trzcienski, W. E. |
| Patton, F. D. | Vanderberg, A. |
| Poplawski, S. M. L. | Walker, R. G. |
| Prashnowsky, A. | Wallis, C. S. |
| Richards, G. G. | Ward, M. C. |
| Rouse, G. E. | Watson-White, M. V. |
| Raynal, M. R. | Wells, D. E. |
| Reardon, E. J. | West, G. F. |
| Sakrison, H. C. | White, G. P. E. |
| Sauer, E. K. | Wightman, J. F. |
| Scarf, C. M. | Williams, G. L. |
| Schluechter, C. | Wood, J. |
| Sellmer, H. W. | Yoon, T. M. |
| Shimron, A. E. | Young, W. M. |
| Skipper, K. | Zentilli, M. |

Associates:

| | |
|-------------------|---------------------|
| Adair, V. D. | Cooper, R. V. |
| Agnerian, H. | Csenkey, F. |
| Alley, D. W. | Davidson, G. I. |
| Amajor, L. C. | Davie, R. F. |
| Atkinson, S. | Dadson, P. A. |
| Aubut, A. J. | Dagenais, S. |
| Baechler, F. | Ditson, G. M. |
| Baker, D. F. | Donaghy, T. J. |
| Barker, J. F. | Doran, J. L. |
| Barnett, R. E. | Dube, C. |
| Batson, P. A. | Dumont, J. |
| Battrum, D. D. | Easton, R. M. |
| Beaulieu, J. | Eggertson, E. B. |
| Beavan, A. R. | Eley, B. E. |
| Belair, R. J. | Fairbank, B. D. |
| Belanger, J. | Ferguson, A. J. |
| Belanger, L. | Finkl, C. W. |
| Belik, G. D. | Fontaine, M. A. A. |
| Benvenuto, G. L. | Forster, C. B. |
| Birkett, T. C. | Foster, J. R. |
| Bogle, E. W. | Foster, C. T. |
| Bond, W. D. | Franzen, J. P. |
| Bonneau, J. | Frape, S. K. |
| Born, P. | French, V. A. |
| Boronowski, A. J. | Gardiner, W. W. |
| Breakey, A. | Gariepy, C. |
| Brown, R. S. | Garratt, G. L. |
| Brown, S. P. | Garrison, E. W. |
| Brownstein, M. | Gauthier, A. |
| Bryant, J. G. | Gauthier, R. C. |
| Buckley, P. | Gee, D. |
| Bujas, R. W. | Gentleman, S. M. |
| Bullis, H. R. | Godbout, L. J. |
| Cameron, J. A. | Goff, S. |
| Campbell, G. J. | Goulet, D. |
| Casselmann, M. J. | Grabowski, G. P. B. |
| Clarke, W. S. | Graf, J. L. |
| Cleary, M. R. | Grant, M. E. |
| Cohoon, G. A. | Grant, R. W. |
| Coleman, J. L. | Grantham, R. G. |
| Conlin, B. | Grenon, A. |

Grenon, D.
Grette, J. F.
Guy, H.
Guzowski, R. V.
Harris, A.
Hartree, R.
Harvey, E. T.
Hattie, S. S.
Hawkins, D. W.
Hayles, J. G.
Healing, D. W.
Heaton, M. J.
Heine, T. H.
Hendry, M. J.
Hibbard, J. P.
Hill, J. D.
Hill, R. P.
Hirak, M.
Hodges, L. T.
Hodgins, W. G.
Janes, T. W.
Jardine, D. E.
Jefferson, C. W.
Jowett, E. C.
Kennedy, D. R.
Kennedy, V. L.
Keyte, F. M.
Kwiatkowski, D.
La Hay, K. L.
Laporte, P. J.
Larsen, C. R.
Lavoie, J. Y.
Lefebvre, D. V.
Legault, M. T.
Leger, G.
Leung, S. K. O.
Lehto, D. A. W.
Lewis, P. F.
Liard, A. C.
Locat, J.
Loiselle, R.
Lyons, J. A.
Lyons, R. K.
Macrae, W. E.
Maltais, G.
Maltais, R.
Markham, M. G.
Marta, T. J.
Mason, J. K.
Massey, N. W. D.
Maxwell, R.
Meade, H. D.
Memarian, H.
Minatidis, D.
Missan, H. S.
Moore, R. L.
Moshier, G. Z.
Mossop, G. D.
Myers, D. E.
McArthur, G. F.
McArthur, M. L.
McCance, S. J.
McCurdy, S. E.
McMaster, G. E.
McQuay, D. F.
McCraken, A. D.
McEwen, A. K.
Nassar, M. M.

Neilans, J. P.
Ng-See-Quan, W. C.
Nowlan, G. S.
Orr, T. H.
Page, R. O.
Parrish, R. R.
Parrott, R. J. E.
Patey, C. M.
Paul, B. J.
Payne, J. G.
Pesonen, L. J.
Pichette, R. J. C.
Pickens, J. F.
Pinch, J. J.
Pocock, D. A.
Poulin, R.
Powers, H. R. D.
Pratt, B. R.
Prince, G. M.
Purdy, D. E.
Raudsepp, M.
Ray, D. G.
Reinertson, L. C.
Rode, M.
Rogan, M. N.
Rose, D. G.
Rose, E. A.
Rouleau, A.
Runkle, D. E.
Ryall, P. J. C.
Ryan, W. B.
Sabourin, J. M.
Sado, E. V.
St Jacques, G.
Schwert, D. P.
Scott, W. D.
Scovill, E. T.
Sharpe, D. R.
Sherrin, A. G.
Sills, T. K.
Silva, M. J.
Sitar, N.
Sklash, M. G.
Solkoski, L. R.
Spencers, D.
Stamatelopolou-Seymour, K.
Steinert, G. L.
Steltner, I. R.
Stewart, I. C. F.
Stiebel, W. H.
Stirbys, A.
Stirling, C. J.
Strong, P. G.
Sturrock, D.
Stoeterau, J. A.
Stow, D. A. V.
Suen, C. Y. J.
Talbot, R. J.
Tarrant, G. A.
Tasse, N.
Tawardros, E.
Thomas, B. L.
Thomson, D. P.
Tillman, J. E.
Tippett, C. R.
Titheridge, T. G.
Tobber, N. M.

Trigg, U. F.
Turner, M. E.
Turubchuk, D.
Urquhart, W. E. S.
Vanderveer, D. G.
Van Hees, E. H. P.
Veilleux, P. P.
Verge, M. J.
Verpaelst, P.
Vincent, B. D.
Walker, B. L. E.
Walker, G. I.
Walker, M.
Walton, G. J.
Waters, P. L.

Transfer from Associate to Fellow:

Aaltonen, R. A.
Baldwin, D. A.
Bateman, P. J.
Brewster, N. E.
Christopher, P. A.
Courage, L. J. R.
Diagnault, P. M.
Denis, R.
Duke, J. M.
Edhorn, A. S.
Franklin, J. W.
Fraser, J. R.
Gibbons, R. V.
Graham, R. A. F.
Grove, G. D.
Gwyn, Q. H. J.
Hill, W. J.

An additional 107 applications for membership plus 5 applications for transfer are presently being processed by the Secretary's office.

Adjustments in the total membership resulted from the following

| | |
|----------------|----|
| Resigned | 21 |
| Deceased | 9 |

Resigned:

Coleman, J. L.
Collins, G. A.
Crawford, A. R.
Crickmay, C. H.
Doyle, P. J.
Griswold, G. B.
Heard, R. T.
Herzer, R. H.
Hirst, P. E.
Isaacson, P. E.
Khin, B.

Waters, P. M.
Welhan, J. A.
Whalen, J. B.
Whelan, K.
White, J. C.
White, T. L.
Wilson, B. H.
Winter, G. J.
Wittrup, M.
Wolfe, J. M.
Woronuk, B. A.
Woywitka, S. J.
Yeo, G. M.
Young, J. E.
Yurko, J. R.

Kretschmar, U.
Lamb, C. F.
McAuslan, D. A.
Nichols, R. F.
O'Grady, F. P.
Putter, S. L.
Reeve, E. J.
Rive, M. P.
Roy, D. W.
Sinclair, W. D.
Stadnyk, M. P.
Von Bitter, P. H.
Waring, M. H.
Warren, T. E.
West, J. M.
Westerman, C. J.

The following members were suspended for non-payment of dues:

Fellows:

| | |
|-------------------|------------------|
| Abel, M. K. | Mehrtens, M. B. |
| Ary, T. S. | Mulligan, R. |
| Asano, S. E. | Nauss, A. W. |
| Bartlett, G. S. | Paquet, R. |
| Bove, P. P. E. | Peach, P. A. |
| Cranstone, D. A. | Penalva, F. |
| Devine, J. D. | Phillips, K. A. |
| Dumas, J. C. | Rickaby, H. C. |
| Fong, C. C. K. | Shaw, G. |
| Gatzweiler, I. R. | Sibul, U. |
| Gees, R. A. | Sinha, R. P. |
| Ingham, W. N. | Soutar, H. |
| Johnston, A. W. | Upadhyaya, H. D. |
| Kee, C. A. | Vellet, V. |
| Kelly, R. W. | Waterman, G. C. |
| Kido, H. | White, B. |
| Lin, C. P. | Wicherts, E. |
| McAlary, J. D. | Wood, P. W. J. |

Associates:

| | |
|---------------------|-------------------|
| Beauchemin, Y. | Marshall, T. D. |
| Brown, P. A. | Oldfield, R. H. |
| Calcutt, M. J. | Oriel, W. M. |
| Chayer, M. | Pelette, B. W. |
| Dallaire, L. G. | Raudsepp, J. J. |
| Filon, M. | Rochette, F. |
| Garvin, P. A. | Schwartz, B. N. |
| Hamilton-Smith, T. | Smyth, W. R. |
| Henderson, D. J. N. | Terry, J. P. |
| James, J. E. S. | Vanderkamp, B. J. |
| Lacombe, F. | Walford, P. C. |
| Maher, J. | Wetherley, M. P. |

The geographic distribution of the Membership was documented in the new Membership Booklet

Logan Medal

Dr Yves O. Fortier was awarded the 1974 Logan Medal for his outstanding contributions to Earth Sciences. At the Annual Luncheon, W. W. Hutchison (President) reviewed the long list of major achievements including Dr. Fortier's early work in the Arctic, as Director of the Geological Survey of Canada, and his activities in the Association including a term as President in 1968-1969.

Past-Presidents Medal

The Past-Presidents Medal was established in 1974 to recognize single major achievements by geoscientists. The first award was presented to Paul Hoffman of the Geological Survey of Canada. In presenting the medal, Ward Neale (Past-President) recalled the recent extensive and creative works of Dr. Hoffman, concerning Precambrian Stratigraphy, the Coronation geosyncline, modern stromatolites and their ancient analogues, and the reformulation of ideas on aulacogens.

Finances

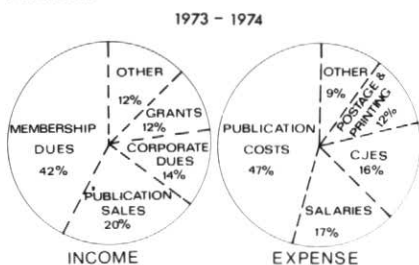


Figure 2
Distribution of Income and Expenditures, 1973-74

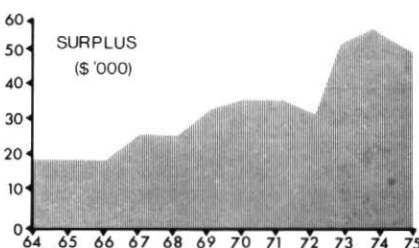


Figure 3
Surplus, 1964-75

An audited financial statement to the end of 1974 was recently mailed to all Fellows. A deficit of \$5,751.00 was reported in contrast to the modest surplus of \$2,913.00 in 1973 (Figs. 2, 3). The deficit was incurred for a variety of reasons including a) bad debt of \$2,652 produced by the suspension of members delinquent in dues payments, b) no new Special Papers were published and publications sales were depressed considerably, c) Geoscience Canada was launched in 1974 and revenues from advertizing and library subscriptions will naturally take some years to build up.

It must be emphasized that the Association has attempted to operate without raising fees to match the rapidly escalating costs of paper, printing and salaries. In 1976 NRC will raise the subscription costs for the Canadian Journal of Earth Sciences. With this in mind, and following the 1974 deficit, it appears inevitable that the Association dues will have to be increased next year. While continuing to receive grants towards publishing Special Papers, rapidly increasing publication costs result in the Association bearing a greater proportion of the total expenses. The generally depressed economic state of the nation has also caused corporate membership to decline slightly to a present total of 82.

In order to delay and reduce the size of a dues increase, attempts have been made to reduce publication costs by limiting the scope of Geolog, by proposing to suspend publications to those members more than one, rather than two, years in dues arrears, by greater publication promotion, and by attempting to seek additional external

financing for Special Papers. With the publication of Special Paper 13 (Cretaceous System of the Western Interior of North America) and Special Paper 14 (Metallogeny and Plate Tectonics) in mid-1975, publication sales for the coming year are expected to rise sharply to previous levels.

Committee Activities

The business of the Association was conducted through four meetings of Council on May 22, 1974 (St. John's), October 18, 1974 (Toronto), February 6, 1975 (Vancouver) and May 14th, 1975 (Waterloo). The activities of the standing committees and special committees are summarized as follows:

The Finance Committee, again chaired by Paul M. Kavanagh, established a formula for financing the attendance of GAC representatives at Canadian Geoscience Council meetings. Up to \$1,000 per year may be awarded. In 1974, \$400 was forwarded to Memorial University and \$100 to Dalhousie University concerning the travel costs of E. R. W. Neale and M. J. Keen respectively. The Geological Survey of Canada generously declined its entitlement of \$300 concerning the attendance of W. W. Hutchison.

Jerry H. Remick's *Membership Committee* was spared no relief in the past year as the GAC membership continued rapid growth (Fig. 1). Over 370 new applications were processed. The headquarters staff finally computerized the membership data resulting in a long overdue membership book in November 1974 and following rapidly by a computer-printed dues form. It is expected to print the membership book on a yearly basis from henceforth. The new issue of the Constitution and By-laws, as revised in 1973, was printed and mailed to all members, a bilingual version will be issued when the current stock is depleted.

In future, members who are delinquent in dues payments for one year will not receive publications after that period until the arrears are paid. Three dues requests will be sent each year.

The Program Committee, Roger W. Macqueen as Chairman, prepared guidelines for a GAC Lecture Tour. The speaker will visit all the Regional Sections. In late November, the first tour will be made by Paul Hoffman, GSC regional geologist and winner of the first GAC Past-Presidents medal, lecturing on Proterozoic Volcanism of Great Bear Lake, N.W.T. The annual meeting manual is now almost complete and an official abstract form will be produced in time for the next annual meeting.

Jean Lajoie has carried a heavy load as Editor and chairman of the *Publications Committee*. His new Special Paper guidelines have been applied to Special Paper 13 (Cretaceous Volume) in attempt to set new high standards of publication. Some delays have resulted but the volume is now due - in

July, 1975. Special Paper 14 (Metallogeny and Plate Tectonics) is also in press and is expected by September, 1975. Geoscience Canada, edited by Gerard V. Middleton, has been well received during its first year of publication. The first few issues were based around particular subject themes, but with many varied papers now being submitted most future issues will be of a general nature. Attempts will be made in the coming year to increase advertizing in Geoscience Canada. Lexi Clague continued to edit Geolog which, for 1975, had been reduced to a quarterly as an economy measure.

Two main tasks occupied the *Projects Committee* with M. J. Kennedy as chairman. First, it reinvestigated the advantages and disadvantages of employing a professional organization to run the day to day administrative affairs of the Association. Study indicated that the financial saving in salaries would be greatly overshadowed by the overall cost of such a scheme. It would effectively result in more than doubling the annual administrative cost to the Association. Consequently, the Committee recommended to Council that the present structure be maintained. The second task has been to guide the establishment of new sections and divisions. Council approved the constitutions of the new Paleontology and Structural Geology Divisions. Informal groups will meet at Waterloo to consider both Precambrian Stratigraphy and Petrology Divisions.

Other Business

The Sections and Divisions of the Association are all active and news of their meetings has been reported to Geolog.

Norah Allman has completed her wide and detailed survey of the Status of Women Geoscientists in Canada. A summary of the work appears in this issue of Geoscience Canada and the full report may be available for purchase as Information Circular 2.

At the 1974 National Science Fair held in Calgary, J. D. Aitken and N. J. McMillan acted as GAC judges and made awards to Mr. Dana Naldrett of Kingston for a project on "The origin of colour in amethyst and other quartz minerals" and to Mr. Gary Duguid of Thunder Bay for "A study of earthquakes."

Publications

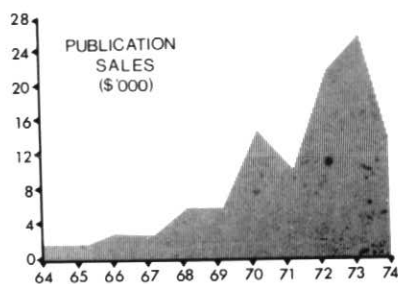


Figure 4

Publication Sales, 1964-75

In the past year, publication sales of the Association have declined (Fig. 4) as a consequence of no Special Papers being published. 1975 should see a marked improvement with the publication of Special Papers 13 and 14. Also this next year will see an active campaign to increase library subscriptions to *Geoscience Canada*.

The sales of publications from May 1st, 1974 to April 30, 1975 and the stocks on hand are as follows:

| | Copies Sold | Copies on Hand |
|--------------------------|--------------------|-----------------------|
| <i>Proceedings</i> | | |
| Vol. 11 | 4 | 44 |
| Vol. 16 | 5 | 22 |
| Vol. 19 | 8 | 41 |
| Vol. 21 | 10 | 223 |
| Vol. 22 | 7 | 192 |
| Vol. 23 | 10 | 190 |
| Vol. 24, I | 9 | 89 |
| Vol. 24, II | 14 | 42 |
| Vol. 25 | 26 | 305 |
| <i>Special Papers</i> | | |
| # 1 | 15 | 66 |
| # 5 | 64 | 87 |
| # 8 | 153 | 2147 |
| # 9 | 40 | 191 |
| #10 | 77 | 201 |
| #11 | 329 | 1173 |
| #12 | 120 | 1398 |
| <i>Maps</i> | | |
| | 25 | — |
| <i>Geoscience Canada</i> | | |
| Vol. 1, #1 | — | 299 |
| Vol. 1, #2 | 167 | 110 |
| Vol. 1, #3 | — | 447 |
| Vol. 1, #4 | — | 254 |
| Vol. 2, #1 | 313 | 472 |

Miscellaneous

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

Acknowledgements

Eight years ago, Rusty Evans and Art Buller successfully talked me into taking the position as Secretary-Treasurer of the Association. During that time, the GAC has tripled its membership and quadrupled its annual budget. This changing environment and the yearly turnover of the Executive have guaranteed me a most stimulating tenure. Whatever contribution I may have made could not have been achieved without the help and co-operation of many individuals of which I would especially note: Heather Nyland, Nancy Riley and Marga Weigel for enthusiastic and dedicated secretarial assistance; Ted Appleyard who ably took over my duties during my sabbatical leave; Dean Bill Pearson and Chairman Bob Farvolden at the University of Waterloo for financial, logistic and moral support for the headquarters; and eight Presidents of the Association with whom, without exception, it has been a pleasure and an education to work.

Finally, I wish Alan Morgan, my successor, equal satisfaction in tackling the new challenges that the Association faces in the immediate future.

Respectfully submitted,
Christopher R. Barnes
Department of Earth Sciences
University of Waterloo
Waterloo, Ontario

List of members attending the Business Meeting held at University of Waterloo, Waterloo, Ontario, Thursday, May 15, 1975

| | |
|-------------------|--------------------|
| N. J. Allman | J. Lajoie |
| E. C. Appleyard | F. F. Langford |
| C. R. Barnes | R. Macqueen |
| N. Blagona | M. Marchand |
| T. E. Bolton | G. V. Middleton |
| W. G. E. Caldwell | B. M. Mioduszewska |
| W. Chesworth | A. V. Morgan |
| E. H. Chown | K. K. Mukherji |
| E. L. Evans | E. R. W. Neale |
| J. J. Fawcett | W. V. Papezik |
| D. F. Fisher | S. J. Pedley |
| E. B. Freeman | D. M. Shaw |
| I. Haugh | A. J. Sinclair |
| H. Hofmann | J. Stevenson |
| W. W. Hutchison | L. Stevenson |
| P. M. Kavanagh | P. H. Von Bitter |
| M. J. Keen | J. O. Wheeler |
| M. J. Kennedy | C. G. Winder |
| A. F. King | |

| | |
|---|-----|
| Total number of members attending the Meeting | 37 |
| Total number of members represented by proxy | 590 |
| | 627 |