Canadian Mineralogist
Vol. 17, pp. 669-670 (1979)

PROCEEDINGS OF THE TWENTY-FOURTH ANNUAL MEETING OF THE MINERALOGICAL ASSOCIATION OF CANADA

The twenty-fourth annual meeting of the Mineralogical Association of Canada was held on May 23 - 25, 1979 at the Université Laval in Québec in conjunction with the thirty-second annual meeting of the Geological Association of Canada.

The fourth MAC short course was held prior to the meeting. The course was organized by R. Ledoux and G. Perrault and dealt with Mineralogical Techniques of Asbestos Determination. The Association sponsored two symposia during the meeting. G. A. Gross and C. Klein, Jr. convened a special session on the Mineralogy and Petrology of the Québec-Labrador Iron Formations and a symposium on Carbonatites was organized by J. Bonneau and M. Vallée.

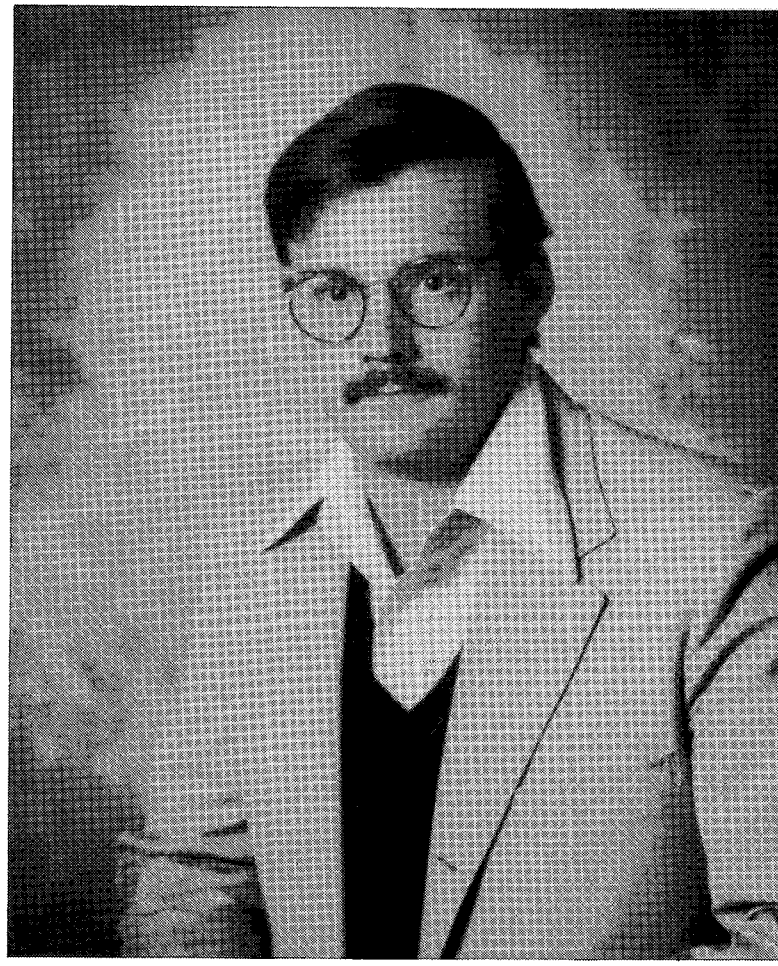
The MAC luncheon was held on Wednesday, May 23 in the Pavillon Pollack at the Université Laval. The keynote address, entitled "Looking Back at Crystal Morphology", was delivered by J. D. H. Donnay. The Hawley Award for 1979 was presented to R. N. Abbott, Jr. of Dalhousie University in recognition of his paper entitled "Peritectic Reactions in the System An–Ab–Or–Qz–H_2O" published in *The Canadian Mineralogist*, Vol. 16, pp. 245-256.

The annual business meeting of the Mineralogical Association of Canada was held on Thursday, May 24, 1979 at 1245 hrs. in Room 1271 of the Pavillon de Koninck with 19 members in attendance. D. G. W. Smith opened the meeting by congratulating the organizing committee of the Québec convention and, in particular, R. Ledoux (General Chairman and co-organizer of the short course), R. Béland (MAC Representative) and G. Perrault (co-organizer of the short course). Smith stated that the affairs of the Association were in good order and noted that the financial viability of the MAC was due in large part to the reliance on volunteers for most administrative duties. A. P. Sabina presented the Treasurer's Report and referred to the audited financial records for 1978 published in Newsletter No. 24. The Mineralogical Association of Canada, *The Canadian Mineralogist*, the Special Publication Foundation and the Short Course Fund had total non-inventory assets of $92,251.94 and inventory assets of $23,400.00 at the end of 1978. *The Canadian Mineralogist* had a net operating surplus of $11,521.20 in 1978. The Mineralogical Association of Canada had a net operating loss of $6,752.00 for the year which would be offset by the proceeds from the Toronto meeting (not yet received by year's end). D. B. Clarke reported that membership had increased by 152 during 1978 and that there are currently about 1860 members in all categories. An effort will be made to attract additional student memberships in the autumn and private companies will be approached to enlist as sustaining members. Clarke reminded those members affiliated with universities that each department of geology is entitled to nominate an individual for the student-membership prize. R. H. MacNeill reported that arrangements for the 1980 meeting in Halifax were proceeding smoothly and that a banquet to mark the association's twenty-fifth anniversary is planned. D. G. W. Smith stated that planning is well underway for the 1981 meeting in Banff, the 1982 meeting in Winnipeg and the 1983 meeting in Victoria. It is likely that the 1984 meeting will be held in Ottawa and it had been suggested that a future meeting be held in either Whitehorse or Yellowknife. Smith also reported that a short course on neutron-activation analysis would be given in conjunction with the Halifax meeting and that courses on fluid-inclusion studies and on clay mineralogy were being planned for the Banff meeting. The minutes of the annual business meeting may be obtained from the Secretary.

J. M. Duke
Secretary

The Hawley Award and Medal are presented annually by the Mineralogical Association of Canada to the author(s) of the paper judged to be the best published in *The Canadian Mineralogist* during the preceding year. The panel of judges for the 1979 Award comprised Dr. E. Froese of the Geological Survey of Canada, Professor A. R. Philpotts of the University of Connecticut and Dr. F. J. Wicks of the Royal Ontario Museum. Dr. Wicks was a co-recipient of the Award with Professor E. J. W. Whittaker in both 1977 and 1978. With a number of excellent papers to choose from, the judges selected a paper entitled "Peritectic Reactions in the System An–Ab–Or–Qz–H_2O" by Richard N. Abbott, Jr. which appeared in *The Canadian Mineralogist*, Vol. 16, pp. 245-256. For the pre-eminently important but still enigmatic feldspar group of minerals, Dr. Abbott gives a detailed, reasoned argument for two possible types of low-pressure peritectic reactions in the ternary feldspar system that correspond to two types of liquid paths followed during fractional crystallization. He establishes limitations for these two reactions over ranges of pressure, temperature and activities of silica and water. He then uses these proposed peritectic reactions to postulate origins for the rapakivi texture (alkali feldspar mantled by plagioclase) and antirapakivi texture (plagioclase mantled by alkali feldspar) observed in many granitic and related rocks. This paper

1979 HAWLEY AWARD WINNER: R. N. ABBOTT Jr.



constitutes a potentially very valuable contribution to our understanding of the genesis of some feldspars that are of critical importance in mineralogy and petrology.

Richard Abbott was born in Newton, Massachusetts in 1949. He graduated Magna cum Laude and Phi Beta Kappa from Bowdoin College in 1971 with a Bachelor's degree in chemistry and went on to receive a Master's degree in geology from the University of Maine in 1973. He earned a Ph.D. in geology from Harvard University in 1977 where his dissertation dealt with the petrology of the Red Beach granite near Calais, Maine. During the period 1977 to 1979, Dr. Abbott has been a Killam Postdoctoral Fellow at Dalhousie University in Halifax where his work has continued to focus on the petrology of granites including the South Mountain batholith of Nova Scotia.

R. B. Ferguson