

## PROCEEDINGS OF THE TWELFTH ANNUAL MEETING OF THE MINERALOGICAL ASSOCIATION OF CANADA

The twelfth annual meeting of the Mineralogical Association of Canada was held from 31 August to 2 September, 1967, in Kingston, Ontario, in conjunction with the annual meeting of the Geological Association of Canada, the interim meeting of the Mineralogical Society of America, and the first meeting of the Association pour l'étude géologique des zones profondes to be held outside Europe. To mark Canada's Centennial Year internationally, the G.A.C. had invited AZOPRO and M.A.C., the M.S.A. to hold 1967 meetings jointly.

The general business meeting of the Association was held in Stirling Hall, Queen's University, on Thursday, 31 August, and was chaired by the President, Dr. G. Perrault. The meeting began with one minute of silence in memory of Dr. R. M. Thompson, President of the Association in 1961 and 1962, who passed on recently. In his welcoming remarks to the 30 members in attendance, the President paid tribute to the Convention Chairman, Dr. L. G. Berry, and to the Past-President of M.A.C., Dr. M. H. Froberg. The President announced that the winner of the Centennial Prize, the J. E. Hawley Award, was Dr. E. H. Nickel, and that a formal presentation would be made at the M.A.C. Dinner. Honorary Life Membership scrolls would also be presented at that time to Dr. L. G. Berry, Mr. S. Kaiman and Mr. H. R. Steacy.

An interim financial report was presented by the Treasurer, Miss A. P. Sabina, and it showed a balance of \$8847.86 on 18 August. This figure included a guaranteed investment of \$3000.00 with the Royal Trust Company which yields interest at  $4\frac{1}{2}\%$  per annum, and \$1267.62 in the Special Publication Foundation account. It was noted that the bill for Volume 9, Part 1 of *The Canadian Mineralogist*, which was recently distributed, had not yet been received.

The Editor, Dr. L. G. Berry, reported that Volume 9, Part 2 had gone to press the previous week, and was scheduled for release in December, 1967. Papers were being accepted for Volume 9, Part 3 and this issue was scheduled to go to press in November for release in May or June, 1968. It was stated that the publication objective was a regular schedule of two issues per year, with issues appearing in May and October. Manuscripts would go to press about six months before publication.

The Editor expressed thanks to Dr. L. J. Cabri for preparing the Index to Volume 8 and to several colleagues who have reviewed manuscripts. He also stated that there was still \$1500.00 on hand for the Bruderheim meteorite issue, but that this manuscript had not yet been received.

The Secretary, Mr. J. F. Rowland, reported that the membership as of 29 August numbered 1027, made up of 604 ordinary and associate, 395 corporate, 22 student, 3 life and 3 honorary life members. When those in arrears for 1966 were omitted, the current paid-up membership of 977 compared favorably with the membership of 930 reported for the previous year. During the past 12 months, 76 new members were gained, but 30 memberships were cancelled by request or deleted. The number of ordinary members resident in Canada had passed 250, and the M.A.C. was now in Group D of the International Mineralogical Association, with 6 units of dues and a voting power of 3.

In the election of officers for 1967, the following slate, drawn up by the Nominating Committee under the Chairmanship of Mr. H. R. Steacy, was elected:

<i>President :</i>	Dr. G. Perrault
<i>Vice-President :</i>	Dr. E. H. Nickel
<i>Secretary :</i>	Mr. J. F. Rowland
<i>Treasurer :</i>	Miss A. P. Sabina
<i>Committee Members :</i>	Prof. R. H. MacNeill (3 years)
	Dr. L. Moyd (3 years)
	Dr. L. A. Clark (2 years)
	Dr. D. D. Hogarth (2 years)
	Dr. A. R. Graham (1 year)
	Dr. J. A. Mandarino (1 year)
<i>Past President :</i>	Dr. M. H. Frohberg
<i>Editor :</i>	Dr. L. G. Berry

The Secretary reminded the meeting of the notice of proposed amendments to the General By-laws that had been sent to all ordinary members in May. Ballots would be mailed to ordinary members in good standing in September, and the results of the voting would be known early in November. Action required as a result of the amendments that are approved would follow as soon as possible.

The Chairman summarized the proceedings of the three executive meetings that had been held since the last annual general meeting: in Toronto on 9 December, 1966, in Ottawa on 29 March, 1967, and in Kingston the previous day. Appointments had been made for auditors, Chairman of the nominating committee, Editor of the Newsletter and program chairman for the 1970 Winnipeg meeting.

The Chairman of the Financial Advisory Committee, Dr. A. R. Graham, summarized the work of this committee over the past two years and described the present financial state of the Association. It was stated that in order to continue publishing two issues of *The Canadian Mineralogist* each year, an increase in revenue was essential. The new category of Sustaining members, expected to be created by the forthcoming vote on By-law revisions, would contribute to an improved financial position, and members were urged to support this proposed amendment. The Financial Advisory Committee had recommended a fee increase for all categories of membership, in addition to the creation of the new category of sustaining membership. No action in this regard was planned by the M.A.C. Executive until the response by sustaining members can be assessed, but fee increases were regarded as almost inevitable. Such fee increases would be submitted to the membership by mail ballot, as provided for by the proposed By-law amendments, and would only go into effect when approved by the membership.

The Chairman of the Publications Committee, Dr. E. H. Nickel, stated that a poll of a portion of the membership supported the continued publication of *The Canadian Mineralogist* as a separate journal. A fee increase would be acceptable to 93% of those polled, and most of those polled would accept an increase willingly. The only strong criticism that had been expressed concerned the irregularity of publication. Since the reasons for the recent publication delays had been removed, in the future only a shortage of manuscripts would cause a delay. Members were urged to continue sending manuscripts to the Editor.

The schedule for future meetings was outlined by the Chairman. The 1968 meeting will be held in Vancouver during the last week of April, jointly with the G.A.C. and the C.I.M.M. The 1969 meeting will be held in Montreal during the first week of June, jointly with the G.A.C., and a symposium on the Monteregian Hills will be held in conjunction with the technical sessions. The 1970 meeting will

be held in Winnipeg, jointly with the G.A.C. The date for the Winnipeg meeting will be either the end of August or the beginning of September.

The possibility of annual field trips, midway between annual meetings, was discussed, and obtained general approval. A Field Trip Committee was constituted to investigate this proposal, Dr. W. Petruk was named Chairman.

The technical sessions were held on 31 August to 2 September at Queen's University. The abstracts of papers of a mineralogical nature are given below. Seven field trips were held before and after the technical sessions, all open to members of the M.A.C. Particular thanks are due to the field trip leaders, W. Petruk, J. Gittins, D. H. Gorman, H. R. Wynne-Edwards, J. M. Moore, G. Perrault, and others who assisted, for their success.

The M.A.C. Annual Dinner was held at 6:30 p.m. on Thursday, 31 August, at the La Salle Hotel. The many members and their wives in attendance enjoyed the excellent buffet dinner, and the interesting address given by the Past-President, Dr. M. H. Froberg. The President presented scrolls to the three Honorary Life Members, Dr. L. G. Berry, Mr. S. Kaiman and Mr. H. R. Steacy, and awarded the Centennial Prize to Dr. E. H. Nickel. The co-authors of the award-winning papers, Miss E. Mark, Mr. J. F. Rowland and Mr. D. J. Charette were given honorable mention.

Those in attendance at the Kingston meeting were provided with a fine social program as well as the technical sessions and the field trips. All registrants were invited to the Annual Meeting Dinner, held on Friday evening, 1 September, at the 401 Inn, sponsored by the Government of the Province of Ontario.

## PRESIDENTIAL ADDRESS

M. H. FROBERG (President, 1966)

Mr. President, Honoured Guests, Ladies and Gentlemen:

In addressing you tonight, I must confess that I feel under a great handicap. Those of you who attended last year's meeting at Halifax will remember that Professor Moorhouse, my predecessor, gave his speech in the form of elegant rhymes. I find myself unable to express myself in such high flying style and have to resort to simple prose. I admit that on my professional travels I have been many a time on the back of a horse or mule, but I fully realize that I would cut a poor figure trying to mount Pegasus, the mythical flying horse of the poets. Fundamentally, I am merely a simple mining engineer who became enamoured with minerals. This happened to me before mineralogists came up with the great idea of getting the public at large interested in mineralogy, thus starting countless laymen on a rampage of mineral collecting. Due to this formidable enthusiasm, mineralogy professors and museum curators are now facing stiff competition in their efforts to acquire mineral specimens. In a way, this ever-growing interest of the laymen reminds me of Goethe's poem *The Sorcerer's Apprentice*. According to the story of the poem, the master sorcerer—before leaving his place—instructed the apprentice to fetch water for his bath from a nearby creek. Having picked up some of the magic formulas from his master and being loath to do the carrying, the apprentice decided to convert some old brooms into servants and ordered them to bring water from the creek. To the apprentice's surprise, the magic formula worked, and soon the broom-servants were busy carrying water from the creek to