

PROCEEDINGS OF THE FORTY-NINTH ANNUAL
MEETING OF THE MINERALOGICAL SOCIETY OF
AMERICA AT MEXICO, D. F., MEXICO

RALPH J. HOLMES, *Secretary*.

The forty-ninth annual meeting of the Society was held on November 11-13, 1968 at the Maria Isabel Hotel, Mexico, D. F., Mexico. The technical sessions were integrated with those of the Geological Society of America and affiliated societies.

The Annual Luncheon of the Society, held on November 12, was followed by the twenty-sixth presentation of the Roebbling Medal to Tei-ichi Ito and the seventeenth presentation of the Mineralogical Society of America Award to Barclay Kamb.

The retiring President, James B. Thompson, Jr., addressed the Society on the morning of November 12 on the subject "Chemical Reactions of Crystals."

The Annual Business meeting was held on the morning of November 12 at which time reports were presented by the President, Secretary, Treasurer and Editor.

ACTIONS OF THE 1968 COUNCIL

A special (second) meeting of the Council was held in Washington, D.C. on October 19, at which time, most of the agenda usually handled at the time of the annual meeting in November was covered. The third meeting of the 1968 Council was held on the morning of November 12 in Mexico City. The actions taken by the Council at both of these sessions as well as the business meeting are covered below.

Awards

The Council voted that the 1969 Roebbling Medal be awarded to Dr. Fritz Laves of Zurich, Switzerland and the 1969 Mineralogical Society of America Award to Dr. W. Gary Ernst of the University of California at Los Angeles.

The Jewell Glass Memorial issue of the American Mineralogist

The Council approved the designation of a forthcoming issue of *The American Mineralogist* as the "Jewell Glass Memorial Number" as an expression of the Society's appreciation of the bequest, made to it by the late Jewell Glass. It will carry a brief memorial notice and a photo of Miss Glass.

Retirement of the Treasurer

At the business meeting President Thompson on behalf of the Council and the Society presented a gift to Marjorie Hooker on the occasion of her retirement as Treasurer, necessitated by the recent amendment to the By-Laws of the Society. The gift expressed the appreciation of the Society for her many years of service.

Joint Summer Meetings

The Council approved the following Summer Meetings to be held jointly with other organizations:

1969—Joint meeting with Mineralogical Association of Canada and Geological Association of Canada in Montreal, Canada

1970—Joint meeting with American Crystallographic Association in Ottawa, Canada

1971—Joint meeting with the Clay Minerals Society in Rapid City, South Dakota

Increase in Dues and Subscriptions

The considerable increase in publication costs and especially the added costs of administration render necessary an increase in the dues and subscription rates of the Society. We

have been informed by the printers that there will be an 18 percent increase in the cost of producing *The American Mineralogist*. The establishment of a permanent headquarters in Washington, D.C., made necessary by the recent change in the By-Laws of the Society, rigidly limiting the terms of office of the Secretary and Treasurer, calls for a still unknown but very considerable increase in administrative expenses. In consequence the Council voted unanimously to set the dues-subscription schedule at the following levels:

Regular Members Dues	\$12.00
Student Members Dues	6.00
Subscriptions	24.00

The increase in dues will take place January 1, 1969, while the increase in the subscription rate will not become effective until January 1, 1970.

Fellowship

The Council approved all seventeen nominees submitted by the Nominating Committee for elevation to Fellowship. Their names will appear on the ballot submitted for vote in October 1969.

Availability of Members for Service to the Society

In order to ease the problem of selecting candidates for officer, committee and other positions in the Society, the Council directed that a special form accompany the ballots next fall providing an opportunity for all members of the Society to indicate their willingness and availability for service. This form will provide space for answers to the following questions:

1. Would you be willing to serve as an officer of the Society if asked?
2. Would you be available for committee or other service in the Society, if appointed?
3. Would you be willing to chair sessions at the annual or other meetings of the Society?

Special Paper No. 2

James J. Papike, who is in charge of the preparation of Special Paper No. 2, reports that progress is being made in preparing this volume for publication.

Synthetic X-ray Diffraction Patterns

A special paper by I. Y. Borg and D. K. Smith dealing with this subject, sponsored jointly by GSA and MSA, is in process of publication by GSA.

Renomination of Fellowship Candidates

Ten of the 74 candidates for fellowship submitted for approval on the fellowship ballot failed to obtain the 90 percent of favorable votes required by the Constitution.

It was the decision of the Council that fellowship candidates failing to achieve the 90 percent favorable vote in the balloting, as called for by the Constitution, must be renominated and the new forms must be handled by the Fellowship Committee as though they were those of new applicants.

Business Office of the Society

The Society is completing arrangements with AGI for space at its headquarters in Washington, D. C. Office space will be provided for a "Manager" who will be a full-time employee of AGI assigned to MSA. The "Manager" will operate a permanent headquarters for the Society and will handle all routine aspects of the Treasurer's duties to which those of the Secretary will be added next year. The Council directed that the present ad hoc

Committee of Management be given permanent committee status, empowered to make all necessary arrangements with AGI and to guide the "Manager".

Charge for Annual Meeting Program and Abstracts

The Council unanimously agreed to abolish the free distribution of the Program and Abstracts for the annual meetings to non-GSA members. A special notice will be included in the Second Circular concerning the Annual Meeting explaining the new system. The Geological Society of America is instituting a new procedure with the introduction of a new formal publication series entitled "Abstracts and Programs 19—". The program and abstracts for each meeting will be a part of this new series.

ACTIONS OF THE 1969 COUNCIL

The 1969 Council held its first meeting in Mexico City on the morning of November 13.

Budget

The Treasurer presented an estimated budget for 1969 which covered the new expenses involved in the setting up of the permanent headquarters in Washington and support for the 50th Anniversary Celebration in Atlantic City next November. The tentative nature of this budget is obvious in view of uncertainties regarding the actual cost of operation of the new headquarters setup.

Classes of Membership in the Society

The Council discussed briefly the possibility of abandoning the present dual membership arrangement of the Society (Members and Fellows). The President was directed to appoint an ad hoc committee to review the entire subject of Society membership and to report to the Council at the next annual meeting.

50th Anniversary Celebration

The 50th Anniversary celebration under the general direction of George T. Faust as Convenor, is well under way. The celebration will be held on Saturday and Sunday, November 8 and 9, 1969 at Atlantic City, New Jersey, immediately preceding the regular sessions of the annual meeting. The principal event will be three Symposia, under the general direction of Harry H. Hess as follows:

1. *Mineralogy and Petrology of the Upper Mantle*. Harry Hess, Chairman
2. *Mineralogy and Geochemistry of the Non-Marine Evaporites*. Blair F. Jones, Chairman
3. *Sulfides*. Gunnar Kullerud, Chairman

Committee and Other Appointive Officers

A list of appointive officers prepared by the President in consultation with the Secretary was presented to the Council and with minor changes was unanimously approved. This list will be published in each issue of *The American Mineralogist*.

Meetings for 1969

The regular sessions of the annual meeting of the MSA will be held in conjunction with that of the GSA and affiliated societies in Atlantic City, New Jersey, November 10-12, 1969, and will be preceded by the special 50th Anniversary celebration on November 8 and 9 in the same place.

A joint summer meeting with the MAC and GAC will be held in Montreal, in the summer of 1969.

Nominations for Officers for 1970

The following slate of elective officers for 1970, submitted by the Nominating Committee for Officers, was approved by the Council and will appear on the ballot submitted to the membership in October 1969.

President—William F. Bradley
Vice President—Julian Goldsmith
Secretary—Arnulf Muan
Treasurer—(Not on ballot, elected every 2 years)
Councillors—(1970–1972) (2 of 4 to be elected,)
 Daniel Appleman
 David Wones
 Peter Wyllie
 E-an Zen

National Medal of Science

The Council unanimously agreed that Martin Buerger's name be submitted as the Society's candidate for this national honor.

REPORT OF THE SECRETARY FOR 1968

To the Council of the Mineralogical Society of America:

Election of Officers

The ballots were counted on October 2, 1968 by a Tellers Committee consisting of J. Ann Gilbert, William E. Drake and Ralph J. Holmes. A total of 1041 ballots were cast in the election of officers and council members and 201 in the election of fellows. The officers elected to serve in 1969 are:

President—Francis J. Turner
Vice President—William F. Bradley
Secretary—Voted on in alternate years (not in 1968)
Treasurer—Alvin Van Valkenburg, Jr.

The two Councilors elected for the three year term (1969–1971) are:

W. Gary Ernst and Gunnar Kullerud

Election of Fellows

In accordance with the provisions of the Constitution 63 members have been elected to Fellowship in the Society:

Hans H. Adler	Alvin J. Cohen	John L. Jambor
John P. Albers	Arthur L. Crawford	Karl Jasmund
Ronald James Arnott	Paul E. Desautels	Klaus Keil
Paul Bartholome	Peter G. Embrey	Marvin A. Lanphere
William A. Bassett	Gilbert H. Espenshade	Bernard E. Leake
Werner Heinz Baur	Jen-Ho Fang	Michael J. LeBas
Peter M. Bell	Otto W. Florke	Charles J. Mankin
Nicolai K. Belov	Paul W. Gast	Harry M. Mikami
Robert M. Berman	Subrata Ghose	Carleton B. Moore
Raymond A. Binns	Fred P. Glasser	Jules F. Moreau
George D. Brunton	Dmitry P. Grigoriev	German Muller
Marcello Carapezza	Theodor Hahn	Robert E. Newnham
Hilda Cid-Dresdner	J. Julian Hemley	Hans Pauly
Lloyd A. Clark	Donald M. Henderson	William B. Pearson