



MINERALOGICAL SOCIETY OF AMERICA

1909 K STREET, N.W. WASHINGTON, D.C. 20006 202-331-0383

May 1975

TO ALL MEMBERS OF THE MINERALOGICAL SOCIETY OF AMERICA:

In this, the first of two Newsletters anticipated for this year, we are pleased to inform you of some of the latest happenings in our Society.

1. Annual Meeting

The next Annual Meeting will be held in Salt Lake City, Utah, October 20-22, 1975. I suggest that you mark this on your calendar now, and make special note of the fact that the meeting is held earlier than usual this year. The first announcement of the meeting is enclosed. I urge you to watch the deadline for submission of Abstracts (July 1, 1975), and to keep an eye on announcements in *Geotimes* and elsewhere regarding details pertaining to this meeting. Plans for the meeting are well underway. D.S. Barker, J.R. Clark, and S. Ghose will be representing the Society at the Joint Technical Program Committee meeting in Boulder in July, at which time the programs for the technical sessions will be made up. In the meantime, the Society has decided to sponsor a special symposium on "Rocks and Minerals under High Pressure" at the Salt Lake City meeting, with S. Ghose as organizer. A highlight of the Annual Meeting will be the Society Luncheon at which Roebling Medals will be presented to Michael Fleischer and O.F. Tuttle and the MSA Award to R.G. Burns.

2. Short Courses

As most of you know, a successful Short Course on Sulfide Mineralogy was held in conjunction with the Annual Meeting in Miami, under the very able stewardship of Paul Ribbe. The Lecture Notes for this short course, edited by Paul Ribbe, have proven to be a popular addition to personal and institutional libraries. If you or your organization's library have not acquired a copy of this valuable publication, I suggest that you initiate action to do so (see enclosed announcement for further particulars).

We are pleased to announce that Paul Ribbe has consented to organize another Short Course this year. The topic will be "Feldspar Mineralogy", and the course will be offered October 17-19, 1975, immediately preceding the Annual Meeting in Salt Lake City. The lecturers will be P.H. Ribbe (Virginia Polytech. Inst. and State Univ.), J.V. Smith (Univ. of Chicago), D.B. Stewart (U.S. Geol. Survey), and R.A. Yund (Brown Univ.). Lecture notes will be published prior to the course, and will later be made available for sale by the Society. This Short Course will have a limited enrollment. Formal announcement of registration details will be made in June. Send early enquiries to P.H. Ribbe, Dept. of Geological Sciences. V.P.I. & S.U., Blacksburg, Virginia 24061.

The Short Course Committee of MSA, consisting of J.F. Hays, Chairman, D.M. Kerrick and J.J. Papike, is reviewing and evaluating possible topics for future short courses. The theme of "Oxides" will probably be used in 1976. The Short Course Committee welcomes suggestions on topics for future years.

3. The Waldbaum Bequest

Following the official acceptance by Council of the bequest made by the late David R. Waldbaum, plans have progressed toward the co-sponsorship by MSA of the Gordon Research Conference on Thermodynamics in Petrology, to be held at the Holderness School, Plymouth, N.H., August 25-29, 1975. J.B. Thompson, Jr. and A.B. Thompson (Harvard Univ.) are organizing this meeting on behalf of the Gordon Research Conference and the MSA. Please look for future announcements in Science and in The American Mineralogist.

4. Second Biennial MSA-FM Meeting

As many of you recall, our Society co-sponsored with Friends of Mineralogy a successful winter meeting in Tucson, Arizona in February, 1974. Plans are underway for a second meeting in this series, to be held at the same place February 14-15, 1976. The Tucson Gem and Mineral Society will host the meeting, Bill Panczer will serve as General Program Chairman, and Paul Moore will be Technical Sessions Chairman. The topic of the meeting will be "Crystal Chemistry and Parageneses of Gem Minerals." See enclosed announcement for further details.

5. International Symposium on Geothermometry and Geobarometry

The Mineralogical Society of America will be co-sponsor of an International Symposium on Geothermometry and Geobarometry to be held at The Pennsylvania State University October 5-10, 1975, with A.L. Boettcher as convener. The meeting is intended to provide a forum for interaction among mineralogists-petrologists, geochemists and geophysicists. For further information, see announcement in the March-April issue of The American Mineralogist, or write to A.L. Boettcher, 210 Deike Bldg., University Park, Pa. 16802.

6. Award Committees

The Roebling Medal, MSA Award and Fellowship Committees are accepting nominations of candidates to be considered for these awards. We urge you to participate actively in assuring that all worthy candidates receive proper consideration, and call to your attention that rules and regulations governing these awards and honors are stated on page 172 of the January-February issue of The American Mineralogist.

7. Scholarship Awards

At its meeting in Miami Beach in November, the 1975 Council voted to change the name of the Charitable Fund to the Scholarship Fund. The Scholarship Fund depends entirely on donations from MSA members. During the past year, a total of approximately \$1000 was contributed to this fund, permitting the granting of two awards of \$500 each to undergraduates Robert Goldsmith of Yellow Springs, Ohio and Kathy

Jane Hall of Fresno, California. Final selection of the awardees was made by Council at its April 1975 meeting, following recommendations submitted by an ad hoc Scholarship Committee consisting of I.D. MacGregor, Chairman, P.D. Robinson and D. Rumble.

It is felt that the Society and our profession derive great benefits from our support of deserving students. We express our sincere thanks to those members whose generous gifts made possible the two scholarship awards for this year, and hope that the list of contributors will grow in future years.

8. 1975 Ballot

In late summer, a ballot will be distributed to the membership, for election to the following offices of the Society:

President, 1976: E-an Zen, U.S. Geol. Survey

Vice President, 1976: F.D. Bloss, Virginia Polytech Inst. and State Univ.

Secretary, 1976-77: L.W. Finger, Geophys. Lab., Carnegie Inst., Wash., D.C.

Councilors, 1976-78--two to be elected: W.A. Dollase, UCLA; B.W. Evans, Univ. of Wash.; I.D. MacGregor, Univ. of Calif., Davis; C.T. Prewitt, State Univ. of New York, Stony Brook.

9. New Editor

As you know, Don Bloss notified Council last year that he wished to be relieved of his duties as Editor of The American Mineralogist in the fall of 1975. The selection of a new editor has been assigned highest priority by the Publications Committee and the Executive Committee during the past few months. Based on the recommendations of these committees, Brian Mason (U.S. National Museum, Wash. D.C.) was confirmed by Council at its April meeting as the next Editor of The American Mineralogist. We are very pleased that Brian has accepted this offer, thus assuring continuation of the high standards for our journal set by the present and previous editors.

The Publications Committee and the Executive Committee wish to thank the many Society members who responded to the Announcement in the January-February issue of The American Mineralogist for nominations of candidates for the editorship. We also wish to thank the present Editor and his staff for their excellent cooperation in helping us analyze logistics problems involved in the change of editorship.

10. Membership List

Enclosed with the present Newsletter you will find the latest edition of our Membership Directory. We have selected this mode of reproduction and distribution in order to accomplish the task as economically as possible. We hope that you find the quality of the listings satisfactory, and welcome any comments and suggestions you may have in this connection. We also urge you to report to our business office (Mineralogical Society of America, 1909 K Street, N.W., Washington, D.C. 20006) any errors or inaccuracies you detect. Producing accurate and complete membership listings is a very difficult and time-consuming task; through your cooperation the task can be

made easier and the product better. Many people have spent countless hours in checking and improving these listings. Special thanks go to Joan Clark and E-an Zen for their devoted services much beyond the call of duty in this regard.

11. Financial Affairs

Thanks to the foresight and efficient operations on the part of our previous (P.M. Bethke) and present (G.W. Fisher) Treasurer, as well as the excellent guidance and planning of previous and present Financial Advisory Committees, the financial status of the Society remains sound. The Society continues to rely on professional management of its portfolio. At the present time, the account is being managed by Mr. Stires on an interim basis. The Financial Advisory Committee, under the Chairmanship of S.W. Bailey, is presently exploring various alternatives for long-range management of the portfolio.

12. Poster Campaign and other Educational Projects

At its meeting in Miami Beach in November, the 1975 Council approved a proposal by the Committee on Public Education and Information to produce and distribute a poster "advertising" the field of mineralogy, and containing space for addition of local information such as mineral club meetings, etc. This program has been executed with efficiency, and seemingly with great success. The very attractive posters are selling well at a price of \$2.00 each, or three for \$5.00, and serve as excellent publicity among prospective students in the field of mineralogy. The posters can be purchased from J.E. Arem, 6451 Fairborn Terrace, New Carrollton, Md. 20784.

Largely through the initiative and hard work of E-an Zen and J.E. Arem, the Society is exploring possibilities of working closely with AGI and Encyclopedia Britannica Educational Corp. in the production of topical movies from the area of mineralogy. At its April meeting, the Council gave its endorsement to this idea with the request that more detailed information and funding estimates be provided for further consideration of this matter.

We appreciate your continued interest in MSA, and welcome comments and suggestions for new programs and activities the Society should undertake, as well as comments and criticism of existing programs.

I wish to express my thanks to the many people who either individually or through their assignments as committee members or officers have contributed so much of their time and ideas to help maintain a strong and active Society. We need devoted people to carry out our future programs, and we welcome volunteers who wish to serve their Society and their profession.

Sincerely yours,



Arnulf Muan
President

Department of Geosciences
243 Deike Building
University Park, PA 16802

CALL FOR PAPERS

SECOND BIENNIAL MSA-FM MEETING: TUCSON, ARIZONA
FEBRUARY 14-15, 1976

"CRYSTAL CHEMISTRY AND PARAGENESES OF THE GEM MINERALS"

The first joint Mineralogical Society of America-Friends of Mineralogy meeting was held in Tucson, Arizona in February, 1974. In conjunction with the annual Tucson Gem and Mineral Show, the program provided the opportunity for professional and amateur mineralogists to contribute toward a successful program.

The second Biennial Meeting shall include two keynote speakers (R. H. Jahns: "gem-bearing pegmatites" and Rustum Kothavala "Mineralogy of the Deccan Traps"). Twenty-four titles are solicited for the technical sessions which include Session I on gem mineralogy (12 papers) and Session II on general topics (12 papers). Each presentation shall be 30 minutes in length with an additional 10 minutes for discussion.

Owing to the range of interests of the audience and technical sessions participants, general papers of a broad scope are favored over highly specialized topics. Problems in descriptive mineralogy, crystal chemistry of gem materials, new occurrences and distributions of gem minerals are especially welcome.

Titles of the papers, with a two sentence outline of the theme, should be mailed to:

Professor Paul B. Moore
Department of the Geophysical Sciences
The University of Chicago
5734 South Ellis Avenue
Chicago, Illinois 60637

It is hoped that contributions from MSA and FM members will be about equally divided.

DEADLINE FOR TITLES: AUGUST 31, 1975

Other pertinent dates:

- 1) Announcement of pre-registration: July-August issue of *American-Mineralogist*.
- 2) Notification of acceptance (or rejection) of papers: September 30. If accepted, a 250 word abstract will be requested.

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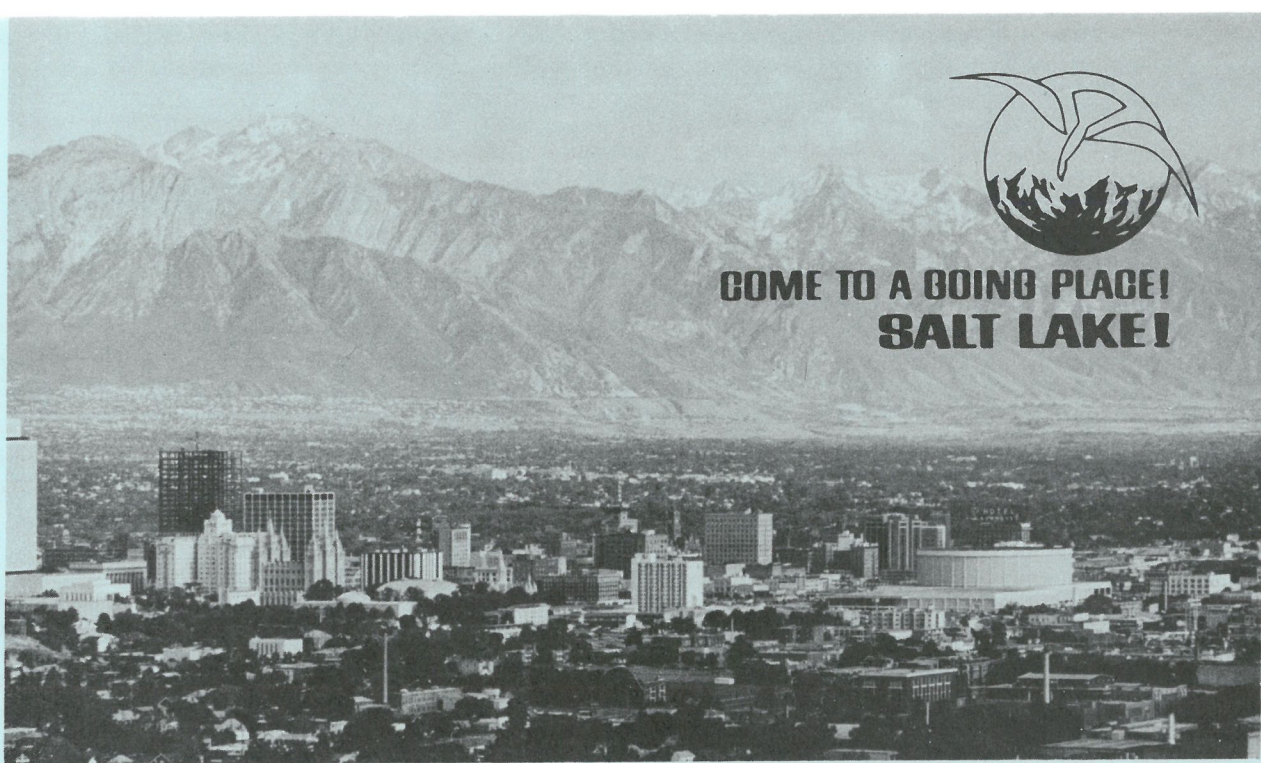
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COME TO A GOING PLACE! SALT LAKE!

An exciting collage of sights and sounds awaits you in Salt Lake City . . . the Great Salt Lake, the Bingham open-pit copper mine, the Bonneville Salt Flats, and six rugged canyons reaching down to the edge of the city. The valley offers unique shopping, a diversity of culture and entertainment, spectator and participant sports, and gourmet delights. In short, Salt Lake is truly a going place!

First Announcement • GSA's Annual Meeting • 1975

Plan to attend the 1975 Annual Meeting of the Geological Society of America, to be held October 20-22 in Salt Lake City. The Salt Lake Valley offers registrants an abundance of unique geologic features, a rich historical background, and plenty of western hospitality.

Salt Lake's International Airport, ten minutes from downtown Salt Lake City, is served by six major airlines, with direct flights or easy connections to all major cities. If you choose to come by train, bus, or car, your ride will be enhanced by beautiful scenery. Train and bus terminals are within walking distance of the GSA meeting complex. From the north and south, Interstate 15 serves Salt Lake, and from the east and west, Interstate 80.

Six associated societies will hold concurrent annual meetings with GSA: The Paleontological Society, Mineralogical Society of America, Society of Economic Geologists, Geochemical Society, National Association of Geology Teachers, and Geoscience Information Society.

The Salt Lake Hilton will be the headquarters hotel. Rooms have also been reserved in other nearby hotels. Technical sessions and exhibits will be in the Salt Palace, a \$22-million convention complex.

Serving as general chairman for the 1975 meeting is
M. Dane Picard

Department of Geology and Geophysics
University of Utah
Salt Lake City, Utah 84112
(801) 581-7991

Social events will include the welcoming party on Sunday, October 19, and the annual banquet, preceded by a cocktail party, on Tuesday, October 21.

REGISTRATION. Take advantage of preregistration rates, which will be lower than on-site registration rates. Registration fees and forms will be included in the second announcement and will appear in the News and Information section of the August issue of *Geology*.

Associated society members will receive the second announcement directly from their respective societies.

Deadline for preregistration is *September 15, 1975*; fees will not be refunded after *October 6, 1975*.

HOUSING. Rooms have been reserved by GSA in a number of major downtown hotels. Rates will begin at approximately \$20 for singles and \$28 for doubles. Please use the official housing form which will appear in the News and Information section of the August issue of *Geology*.

TECHNICAL PROGRAM. Co-Chairmen:

J. Keith Rigby and James L. Baer
Dept. of Geology, Room 274 Eyring Science Center
Brigham Young University
Provo, Utah 84602
(801) 374-1211, Exts. 2457, 2240, or 3918

All abstracts and discussion papers must be submitted on official forms, available from the Abstracts Secretary at GSA. Deadline for receipt of abstracts and discussion papers at GSA headquarters is *July 1*.
Mail to:

Abstracts Secretary
Geological Society of America
3300 Penrose Place
Boulder, Colorado 80301

Projection equipment will be provided for 2" x 2" (35 mm) slides only (no dual projectors).

The Society will continue to have regular oral papers and poster presentations with 250-word abstracts in addition to discussion papers consisting of as many as 1,000 words.

Poster sessions permit more flexibility in presentation of data and more personal contact with fellow scientists. Tack boards will be provided for display of posters, but no projection equipment, electrical outlet, or tables will be available.

Abstracts for discussion papers may include line drawings and tables in place of text. Papers will be discussed informally at a time and place designated in the program. No formal presentation or projected illustrations will be included.

Publication of the abstracts in *Abstracts with Programs* for all three kinds of presentations at the annual meeting will constitute formal publication.

Of special interest are symposia entitled: "Great Salt Lake," "Ground-Water Update," "Sorption versus Solubility Controls on Heavy Metal Concentrations in Aquatic Systems," "Paleontology and Depositional Environments: Cambrian of Western North America," "Geoapplication of Skylab Imagery," "History of Geology," "Regional Geophysics and Regional Tectonics of the Western United States," and "Flow through Porous Media." Additional symposia are in preparation by divisions of the Society, the associated societies, and the committee.

FIELD TRIPS. Premeeting: *Uinta Basin: Hydrocarbons, stratigraphy and structure*—October 18-19. *Price, Castle Valley, Sunnyside: Coal geology*—October 17-19. *Park City Mining District and Wasatch Range: October 18. Northern Wasatch Mountain Structure: October 19. Northern Utah: Structural and surficial geology*—October 19. *Salt Lake City and Vicinity: General overview of geology, Bonneville shore lines, Wasatch fault, glaciated canyons, stratigraphy of Wasatch Range, Bingham copper mine*—October 19.

During meeting: *Christensen Diamond Products Plant: October 21-22. Terra Tek Experimental Research Laboratory and University of Utah Campus: October 21-22. Salt Lake City and Vicinity: General overview of geology, Bonneville shore lines, Wasatch fault, glaciated canyons, stratigraphy of Wasatch Range, Bingham copper mine*—October 22.

Postmeeting: *Cambrian of Western Utah: Stratigraphy and paleontology*—October 23-25. *Western Grand Canyon: Volcanism, geomorphology, stratigraphy*—October 23-25. *Colorado Plateau: Basin and range transition (two traverses)*—October 23-24. *Marysvale Area: Volcanic stratigraphy, igneous evolution, basin and range faulting*—October 23-24. *Great Salt Lake, Basin and Range, Great Salt Lake Desert, Bonneville Salt Flats: October 23. Bingham Copper Mine (sponsored by SEG): October 23.*

This schedule is tentative and subject to change due to weather conditions at the time and the possibility of adverse fuel and transportation conditions.

Fees will be announced in the News and Information section of the August issue of *Geology*. Field trip registrations must be accompanied by payment; telephone reservations *will not* be accepted. Deadline for field trip reservations is *September 15, 1975*. Cancellations must be received *in writing* before *October 6, 1975*. No refund will be made for cancellations received after that date.

For further field trip information write or call
Howard R. Ritzma
Utah Geological Survey
UGS Building, University of Utah
Salt Lake City, Utah 84112
(801) 581-6831

SPOUSE ACTIVITIES. Tours planned for the spouse activities program include the Park City resort center, with a three-mile tunnel ride through the Park City mine; Bingham copper pit, Great Salt Lake, and the Wasatch Front Range; historic Mormon Temple Square, with an organ recital on the world-famous Tabernacle organ. Other luncheon tours are being considered; full details will be given in the News and Information section of the August issue of *Geology*.

GROUP ACTIVITIES. Space assignments for meetings, breakfasts, luncheons, dinners, and cocktail parties are made by the Annual Meeting Department at GSA headquarters. A questionnaire has been sent to those who used space in the past. If you did not receive a form and wish to reserve space, write to
Annual Meeting Department Secretary
Geological Society of America
3300 Penrose Place
Boulder, Colorado 80301.

Deadline for reserving space is *June 16, 1975*. No further official space assignments will be made after that date.

SCIENCE THEATER. The Science Theater provides an opportunity for registrants to view an exciting program of recent films of geologic interest. It will be in operation during session hours.

EXHIBITS. Exhibit space will be available in the Salt Palace. If your university, organization, or company is interested in exhibiting, please write or call
Fred Handy
Geological Society of America
3300 Penrose Place
Boulder, Colorado 80301
(303) 447-2020.

EMPLOYMENT INTERVIEWS. An employment interview service will be available for both employees and employers. Fees are \$7.50 for applicants (prospective employees), and \$30 minimum for requesting employers. This \$30 minimum fee includes a computer printout of as many as three specialty listings of applicants. Each additional listing is \$5. A nominal booth fee will be assessed to those wishing to use GSA facilities for interviewing purposes.

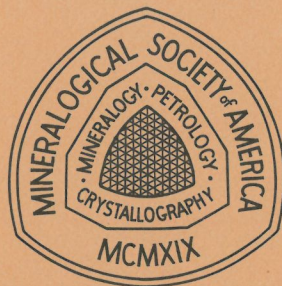
Forms will appear in the News and Information section of the June issue of *Geology*. For further information write to

Joan Heckman
Geological Society of America
3300 Penrose Place
Boulder, Colorado 80301.

SECOND ANNOUNCEMENT. A multiple-page insert containing additional information about the annual meeting will appear in the News and Information section of the August issue of *Geology*. In addition to preregistration forms, the insert will contain forms for making reservations for housing, field trips, annual dinner, and spouse activities. Additional copies may be obtained by writing to

Annual Meeting Department Secretary
Geological Society of America
3300 Penrose Place
Boulder, Colorado 80301.

The MINERALOGICAL SOCIETY OF AMERICA



announces the publication of

SULFIDE MINERALOGY

Short Course Notes, November 1974

276 pp., paperback, \$5.00

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Determination, Relationships, and Classification
of Sulfide Mineral Structures
Sulfide Crystal Chemistry
Electron Interactions and Chemical
Bonding in Sulfides

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Massachusetts Institute of Technology

Bernhardt J. Wuensch

Experimental Methods in Sulfide Synthesis

C.T. Prewitt
State University of New York at Stony Brook

and V. Rajamani
University of Toronto

Sulfide Phase Equilibria

S.D. Scott
University of Toronto

J.R. Craig
Virginia Polytechnic Institute and State University
and S.D. Scott

Sulfide Petrology

(reprinted from MSA Special Paper No. 3)

P.B. Barton
U.S. Geological Survey

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