

# MINERALOGICAL SOCIETY OF AMERICA

## EIGHTEENTH ANNUAL MEETING

NORMAN L. BOWEN, *President*

PAUL F. KERR, *Secretary*

Washington, D. C.

December 28–30, 1937

The annual meeting of the Mineralogical Society of America will be held in the Hotel Washington in conjunction with the Geological Society of America. It is planned to hold three sessions. The first session will be on Tuesday, December 28th at 2:00 P.M., and the second session on Thursday, December 30th, at 9:30 A.M. A joint session with the Geological Society of America for the presentation of papers on petrography will be held Wednesday, December 29th, at 2:00 P.M.

The presidential address of Dr. Norman L. Bowen, entitled *Mente et Malleo Atque Catino*, will be presented before the general session of all societies on Wednesday morning, December 29th.

The annual luncheon of the Mineralogical Society, for members and their friends, at which the first award of the Roebling Medal for Meritorious Achievement in Mineralogy is to be made, will be held on Wednesday, December 29th, at 12:15 P.M. in the Hotel Washington.

With the reduced railroad rates in effect, no certificates are offered for the use of Society members, but many railroads offer round trip rates for a limited period.

### PRELIMINARY LIST OF PAPERS

BEREK, M. (presented by H. W. Zieler)—**Optical Methods of Measuring in Reflected Polarized Light.**

BUERGER, M. J.—**Surface Reflection Areas in Weissenburg Photographs.**

CAMERON, EUGENE N.—**Mineral Deposits of the Northeastern Humboldt Range, Nevada.**

DONNAY, J. D. H.—**The Significance of Crystal Habit.**

FISHER, D. JEROME—**U-stage Axial Angle Apparatus.**

FISHER, D. JEROME—**Stereoscopic Crystal Drawing.**

GORDON, SAMUEL G.—**Making Structure Models.**

GORDON, SAMUEL G.—**The New Mineral Hall of the Academy of Natural Sciences of Philadelphia.**

- HAWKINS, A. C.—**Twining in Glauberite.**
- HENDRICKS, STERLING B.—**Concerning the Crystal Structure of the Clay Minerals Dickite and Halloysite.**
- HESS, HARRY H. AND PHILLIPS, A. H.—**Ortho-pyroxenes of the Bushveld Type.**
- HURLBUT, CORNELIUS S.—**Minerals Seen on the Northern Excursion of the 17th International Geological Congress.**
- HURLBUT, CORNELIUS S.—**Adaptation of an Electrical Counter to Replace the Integrating Microscope Stage.**
- KERR, PAUL F.—**Tungsten Mineralization at Oreana, Nevada.**
- MARBLE, JOHN P.—**The Osseo, Canada, Meteorite.**
- MCCONNELL, DUNCAN—**A Structural Investigation of the Isomorphism of the Apatite Group.**
- MEEN, V. BEN—**Cleavage Luminescence in Mica.**
- MEIER, ADOLPH E. AND TOMLINSON, W. HAROLD—**Harmotome from Delaware County, Pennsylvania. (A barium zeolite of hydrothermal origin.)**
- MILLER, WILLIAM J.—**Genesis of Certain Adirondack Garnet Deposits.**
- PABST, ADOLF—**Heavy Minerals in the Granitic Rocks of the Yosemite Region.**
- PABST, ADOLF—**Crystal Structure and Density of Delafossite.**
- PARSONS, A. L.—**Wave Surfaces and Indicatrices.**
- PEACOCK, M. A.—**Goldschmidtine, a New Antimonide of Silver.**
- RAMSDELL, L. S.—**Symmetry, unit cell and composition of hanksite.**
- ROGERS, AUSTIN F. AND LAZARD CAHN—**Quartz with the Pinakoid Faces from Nathrop, Chaffee County, California.**
- ROGERS, AUSTIN F.—**Diadochite, a Mineraloid from the New Idria Mine, San Benito County, California.**
- ROGERS, AUSTIN F.—**Merosymmetry Versus Merohedrism.**
- SMITH, HAROLD T. U.—**Models to Aid in Visualizing the Optical Properties of Crystals.**

## THE ANNUAL SCIENCE EXHIBITION

The 1937 Annual Science Exhibition will be held in Murat Theatre, Indianapolis, December 27, 28, 29 and 30th. Through the medium of this Exhibition, which is held each year in connection with the annual meeting of the American Association for the Advancement of Science, scien-

tists and those interested in science are privileged to learn of the latest developments in scientific research.

The affiliated societies of the A.A.A.S. are meeting within a short distance of Murat Theatre, thus all branches of science will be represented. Among the many interesting and varied research exhibits may be seen Professor J. Willard Hershey's synthetic gases and synthetic diamonds, and the fresh water sponges of Wisconsin shown by The Reverend Dr. Paul J. Carroll, S.J., of Marquette University. The Soil Erosion Survey of the U. S. Department of Agriculture will also have an exhibit of the work they are doing.

The showing of scientific sound films is being featured this year. Through the courtesy of Bell & Howell Company, jointly with E. L. Bruce Company, it will be possible for those attending the Exhibition to see such films as "Hidden Enemies" of the Bruce Co. Another film of great interest which may be seen will be Mr. L. A. Jones' "Motion Photomicrographs of Growing Crystals" which was shown for the first time at the eighteenth Annual Exhibition of the Royal Photographic Society of Great Britain. Members of the American Association for the Advancement of Science are requested to bring either long or short films which have been made in connection with research or hobby.

The commercial firms who serve science have cooperated enthusiastically and there will be many new ideas to be found among these exhibits. It is hoped that all interested in the progress of science will attend the Exhibition this year.

F. C. BROWN, *Director of Exhibits*