

PROCEEDINGS OF THE NINETEENTH ANNUAL MEETING
OF THE MINERALOGICAL SOCIETY OF AMERICA
AT NEW YORK, N. Y.

PAUL F. KERR, *Secretary*

The nineteenth annual meeting of the Society was called to order Wednesday, December 28th, at 2 P.M. in the Jade Room of the Waldorf-Astoria Hotel, New York, N.Y., President Ellis Thomson presiding. The customary business of the Society was conducted, including reports of the officers of the Society and committees summarized as follows:

MINUTES OF THE EIGHTEENTH ANNUAL MEETING HELD IN 1937.

REPORT OF THE SECRETARY.

REPORT OF THE EDITOR.

REPORT OF THE TREASURER.

REPORT OF THE AUDITING COMMITTEE.

After announcements regarding the Semi-Centennial celebration of the Geological Society of America, the meeting was adjourned and the president called for the presentation of papers. The report of the election of officers and fellows for 1939, and the reports of the Secretary, Editor, Treasurer and Auditing Committee are given in the following pages.

ELECTION OF OFFICERS AND FELLOWS FOR 1939

The secretary announced that 299 ballots had been cast for the officers of the society as nominated by the Council. The officers for 1939 are as follows:

President: Max N. Short, University of Arizona, Tucson, Arizona.

Vice-President: Burnham S. Colburn, Greystone Court, Biltmore, N.C.

Secretary: Paul F. Kerr, Columbia University, New York, N.Y.

Treasurer: Waldemar T. Schaller, U. S. Geological Survey, Washington, D.C.

Editor: Walter F. Hunt, University of Michigan, Ann Arbor, Mich.

Councilor, 1939-42: Carl Tolman, Washington University, St. Louis, Mo.

The secretary announced that according to the provisions of the constitution, the following had been elected to Fellowship in the Mineralogical Society of America:

George W. Bain, Amherst College, Amherst, Massachusetts.

Milton N. Bramlette, U. S. Geological Survey, Washington, D.C.

Newton W. Buerger, Dept. of Mineralogy, Queen's University, Kingston, Ontario, Canada.

Eugene Callaghan, U. S. Geological Survey, Washington, D.C.

Harold W. Fairbairn, Massachusetts Institute of Technology, Cambridge, Massachusetts.

Cornelius S. Hurlbut, Jr., Harvard University, Cambridge, Massachusetts.

William Q. Kennedy, 19 Grange Terrace, Edinburgh, Scotland.

Thomas S. Lovering, University of Michigan, Ann Arbor, Michigan.

John P. Marble, U. S. National Museum, Washington, D.C.

Thomas N. McVay, University of Alabama, University, Alabama.

William M. Myers, Pennsylvania State College, State College, Penn.

Joseph H. Pratt, Chapel Hill, North Carolina.

S. James Shand, Columbia University, New York, N.Y.

Jasper L. Stuckey, North Carolina State College, Raleigh, N.C.

REPORT OF THE SECRETARY FOR 1938

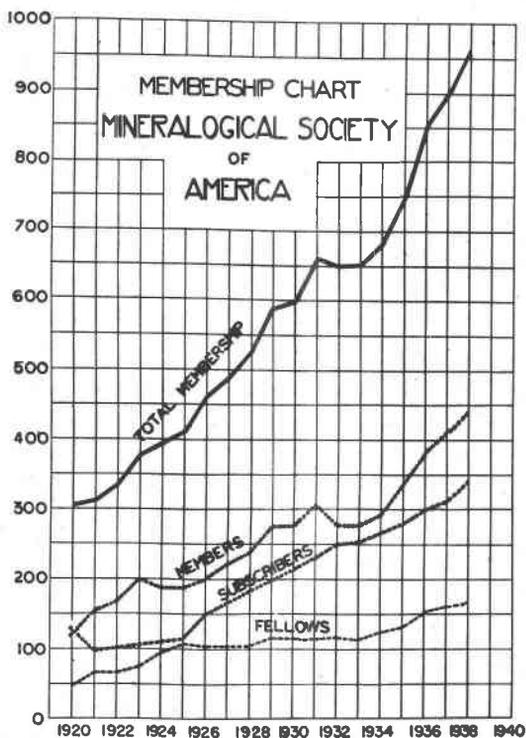
To the Council, Fellows and Members:

MEMBERSHIP STATISTICS

	1937	1938
Correspondents	5	8
Fellows	160	171
Members	414	441
Subscribers	317	339
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	896	959

GAIN AND LOSS FOR 1938

	Gain	Loss
Correspondents	3	0
Fellows	14	3
Members	88	61
Subscribers	40	18
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	145	82



During 1938, the Mineralogical Society of America has made a net gain in membership of 63, or 7% on the basis of the 1937 total. This increase is greater than was made in 1937. There has been a gain in both members and subscribers and, as in previous years, the greater gain has been in members. It is interesting to note, however, that the increase in subscribers for 1938 is almost double that for 1937, while the gain in members for 1938 is the same as that for 1937. In the past year, subscribers from two additional states and two more foreign countries have been added to the enrollment. At the present time, the society has subscribers in 41 states and 28 foreign countries. The membership chart has been brought up to date and accompanies this report.

Respectfully submitted,

PAUL F. KERR, *Secretary*

ANNOUNCEMENT REGARDING THE REPORT OF THE NOMENCLATURE COMMITTEE

The Secretary's office wishes to report that the ballot on the report of the Committee on Nomenclature is complete. Ballots were mailed to all Fellows of the Society, who were asked to pass upon the report of the Nomenclature Committee as published in the March 1936 issue of *The American Mineralogist*, and amended by the Council of the Mineralogical Society of America.

The amendment which replaces paragraph 3, page 189, March 1936, is as follows:

"If the report here presented is approved and adopted by the Society, it is recommended that the changes enumerated below be followed in future mineralogical descriptions, whenever possible, and that the Editor of *The American Mineralogist* and Editors of similar journals (*Am. Jour. Sci.*, *Econ. Geology*, etc.) be advised of this action by the Society."

The Secretary's office wishes to report that a majority of the fellows responded and with one exception the ballots received were in the affirmative.

Respectfully submitted,

PAUL F. KERR, *Secretary*

REPORT OF THE EDITOR FOR 1938

To the Council, Fellows and Members of the Mineralogical Society of America:

In presenting a brief report on the accomplishments for the year 1938, attention is naturally directed to the scope and character of the various items that have appeared in the current volume. With the conclusion of the December issue, the total pagination has exceeded slightly the 900 page mark. It should be noted that the past two years have been characterized by unusual publication activity, due largely to the issuance of special numbers. This past year the special November issue, sponsored by Professor Palache and his co-workers at Harvard, contained 11 articles and contributed 182 pages towards the 906 page volume. As in previous issues of this character, publication by the Society was made possible through financial assistance received from the Department of Mineralogy of Harvard University. Also, a generous contribution from the Geological Society of America of \$1500 a year, for the past five years, has been an important factor in stimulating an expanded publication program.

In summarizing the activities for the year, we find that volume 23 contained 69 leading articles. Of this number, 47 were in the four fields of descriptive mineralogy, structural crystallography, geometrical crystallography and petrography. The average length of these longer papers is 11 printed pages. If to these major contributions we add the 22 shorter papers that were accepted, we attain a total of 91 published manuscripts for the cal-

endar year. These contributions were received from 96 contributors associated with 44 different universities, research bureaus and technical laboratories.

An unusually large number of new mineral species was described during 1938. The eleven new minerals include: leightonite, antofagastite, bandylite, ungemachite, clinoungemachite, veatchite, yeatmanite, johannsenite, metasideronatrite, parabutlerite, and parahilgardite.

The somewhat cosmopolitan character of the Society's journal has been maintained this past year by virtue of 12 papers received from beyond our own borders.

Realizing that a report covering any single year would be inadequate to appraise the general service rendered by *The American Mineralogist*, friends of the Society might be interested in a few facts covering the operations of the journal for the past five years. During this period, 1934-1938, *The American Mineralogist* has printed 4408 pages, not including the 98 page decennial index; 347 leading articles have been published, 35 of which originated outside of the United States. The 12 countries that supplied these 35 papers were: Canada 12, England 7, Soviet Russia 3, Belgium 3, Holland 2, Norway 2, and 1 each from China, Japan, Switzerland, Bolivia, Sweden and Australia.

The accompanying table of contents summarizes in detail the distribution of subject matter in volume 23.

DISTRIBUTION OF SUBJECT MATTER IN VOLUME 23

<i>Subjects</i>	<i>Articles</i>	<i>Pages</i>	<i>Per Cent of Total</i>
Leading articles*			
Descriptive mineralogy	17		
Chemical mineralogy	5		
Structural crystallography	9		
Geometrical crystallography	11		
Petrography	10		
Optical mineralogy	5		
Memorials, miscellaneous	12		
	69	764	84.3
Short articles	22	57½	15.7
Proceedings of societies	27	74	
Notes and news	9	3	
Abstracts of new mineral names	21	6½	
Book reviews	4	1	
<i>Total of text</i>	152	906	100.0
Illustrations	274		
Index, covers, advertisements		126	
Total		1032	

* (Average length of leading articles, 11 printed pages.)

Respectfully submitted,

WALTER F. HUNT, *Editor*

REPORT OF THE TREASURER FOR 1938

To the Council of the Mineralogical Society of America:

Your Treasurer submits herewith his annual report for the year beginning December 1, 1937, and ending November 30, 1938.

RECEIPTS

Cash on hand December 1, 1937.....	\$2,873.40
Dues and subscriptions.....	2,718.92
Advertisements.....	380.42
Sale of back numbers.....	403.57
Authors' charges on separates.....	761.86
Interest on endowment (bonds).....	2,356.15
Interest on endowment (stocks).....	68.75
Sale of 20-volume index.....	35.01
Geological Society of America grant for 1938.....	1,500.00
Principal of U. S. Postal Savings bonds, transferred from Roeb- ling Medal Fund, 1937.....	300.00
Cash, transferred from Roebling Medal Fund, 1937.....	75.00
Cash, transferred from endowment funds, 1937.....	248.60
Partial payments (1938) on principal of Trenton Mortgage Service Company's preferred stock.....	160.68
Principal of called (at 105) Denver Gas & Electric Light Com- pany's 5% bond, less bank collecting charge of \$1.39.....	1,048.61
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	\$12,930.97

DISBURSEMENTS

Printing and distribution of the Journal (12 issues).....	\$ 5,358.58
Printing and distribution of separates.....	822.83
To the Editor, Secretary, and Treasurer.....	970.00
Postage.....	127.74
Printing.....	86.21
Stationary.....	14.75
Clerical help.....	322.00
Committee expenses.....	18.95
Safety deposit box.....	8.25
Bank collecting charges.....	2.92
Telegrams.....	4.07
Refund on dues.....	6.00
Advertising commission.....	5.63
Check returned.....	3.00
Denver Gas & Electric Light bond coupon returned.....	25.00
Balance of payment, Roebling Medal, 1937.....	395.39
Roebling Medal, 1938.....	105.00
Securities bought for endowment fund.....	2,349.11
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	\$10,625.43
Cash balance November 30, 1938.....	2,305.54
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\$12,930.97

The endowment funds of the Society as of November 30, 1938, consist of the following securities and cash:

4 \$100 bonds, Great Northern Railway Co., Genl. mtg., 5½%, due January 1, 1952.....	\$ 400.00
2 \$500 bonds, Union Pacific Railroad Co., First lien and ref. mtg., 4%, due June 1, 2008.....	1,000.00
45 \$1,000 bonds, City and County of Honolulu, Territory of Hawaii, Water Works, 5%, due April 15, 1954.....	45,000.00
37-514/1000 shares, Preferred Stock, Trenton Mortgage Service Co., Trenton, N.J.....	3,590.72
5 shares, American Telephone & Telegraph Co., common stock.....	620.57
5 shares, Public Service of New Jersey, 8% preferred stock.....	702.00
5 shares, United States Steel, 7% preferred stock.....	502.45
Cash ^a from The Denver Gas and Electric Light Co., First and ref. mtg., 5% bond, called at 105, November 1, 1938.....	1,048.61
	\$52,864.35

^a Carried temporarily in the current account of the Society.

Respectfully submitted,
 WALDEMAR T. SCHALLER, *Treasurer*

DANA FUND

Statement of the Special Dana Fund of the Mineralogical Society of America, initiated by Prof. E. S. Dana, and since his death cared for by the Treasurer. Disbursement made to the daughter of Prof. F. Berwerth, in Vienna.

RECEIPTS

Available balance, November 30, 1937.....	\$1,118.17
Interest.....	20.75
Contribution.....	10.00
	\$1,148.92

DISBURSEMENTS

Disbursed.....	\$ 180.00
Available balance, November 30, 1938.....	968.92
	\$1,148.92

Respectfully submitted,
 WALDEMAR T. SCHALLER, *Treasurer*

REPORT OF THE AUDITING COMMITTEE

To the President of the Mineralogical Society of America:

The Auditing Committee has examined and verified the accounts and report of the Treasurer of the Mineralogical Society of America, for the fiscal year ending November 30, 1938. The securities listed in the Treasurer's report, with all future coupons on the coupon bonds attached, were found to be in the safety deposit box at the American Security and Trust Company of Washington, D.C.

Respectfully submitted,

CLARENCE S. ROSS
EDWARD P. HENDERSON
JOHN W. GREIG

MINERALOGICAL SOCIETY OF AMERICA ANNUAL LUNCHEON

On Wednesday, December 28th, members and friends of the Mineralogical Society of America assembled in the Basildon Room of the Waldorf-Astoria Hotel for the annual luncheon of the Society. After a most enjoyable luncheon, President Ellis Thomson announced the second presentation of the Roebbling Medal.* Dr. Esper S. Larsen of Harvard University made the presentation address and presented the Roebbling Medal to Dr. Waldemar T. Schaller of the U. S. Geological Survey. Dr. Schaller, in accepting the medal from the Society, spoke of his acquaintance with Colonel Washington A. Roebbling and quoted excerpts from Colonel Roebbling's letters.

* Presentation address and acceptance, *Am. Mineral.*, **24**, 53-58 (1939).