

PROCEEDINGS OF THE SIXTEENTH ANNUAL MEETING  
OF THE MINERALOGICAL SOCIETY OF AMERICA  
AT NEW YORK, NEW YORK

PAUL F. KERR, *Secretary*.

The sixteenth annual meeting of the Society was called to order Thursday, December 26th, at 1:30 P.M., in the Jade Room of the Waldorf-Astoria Hotel, 50th Street and Park Avenue, New York City, President Clarence S. Ross presiding. The customary business of the Society was conducted, including reports by the officers of the Society and committees summarized as follows:

MINUTES OF THE LAST ANNUAL MEETING.

REPORT OF THE SECRETARY.

REPORT OF THE EDITOR.

REPORT OF THE TREASURER.

MEMORIALS:

A brief oral tribute was presented by Dean Edward H. Kraus of the University of Michigan, for E. S. Dana, late Honorary President of the Society, and C. H. Richardson, late Fellow of the Society.

REPORTS OF COMMITTEES:

Auditing Committee: Read by W. S. Burbank.

Committee on Nomenclature: The Chairman, Dr. Waldemar T. Schaller, requested that action be deferred on the report of the Committee on Nomenclature until the fellows and members of the Mineralogical Society had ample opportunity to read and discuss the report. The complete report is printed in this issue of the Journal.

The business meeting was adjourned at 2:00 P.M. and the President, Clarence S. Ross, called for the presentation of papers.

The report of the election of officers and fellows for 1936, the report of the Secretary, Editor and Treasurer, and the Report of the Auditing Committee are given in the following pages.

ELECTION OF OFFICERS AND FELLOWS FOR 1935

The Secretary announced that 185 ballots had been cast unanimously for the officers as nominated by the Council. Officers were declared elected as follows:

*President:* William S. Bayley, University of Illinois, Urbana, Illinois.

*Vice-President:* Harold L. Alling, University of Rochester, Rochester, New York.

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

*Secretary:* Paul F. Kerr, Columbia University, New York City.

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

*Councilor, 1936-1939:* Arthur F. Buddington, Princeton University, Princeton, New Jersey.

The Secretary announced that 76 ballots of fellows had been cast unanimously for nominees for fellowship previously approved by the Council. Newly elected fellows were reported as follows:

Alan Mara Bateman, Yale University, New Haven, Connecticut.  
 Charles H. Behre, Northwestern University, Evanston, Illinois.  
 Ian Campbell, California Institute of Technology, Pasadena, California.  
 Louis W. Currier, U. S. Geological Survey, Washington, D. C.  
 J. G. Fairchild, U. S. Geological Survey, Washington, D. C.  
 Lloyd W. Fisher, Bates College, Lewiston, Maine.  
 Jewell J. Glass, U. S. Geological Survey, Washington, D. C.  
 Ralph E. Grim, Illinois Geological Survey, Urbana, Illinois.  
 Harry H. Hess, Princeton University, New Jersey.  
 Adolph Knopf, Yale University, New Haven, Connecticut.  
 Evans B. Mayo, Cornell University, Ithaca, New York.  
 Arthur A. Pegau, University of Virginia, Charlottesville, Virginia.  
 Alfred K. Snelgrove, Princeton University, Princeton, New Jersey.

#### REPORT OF THE SECRETARY FOR 1935

*To the Council and Members of the Mineralogical Society of America:*

The Secretary reports the statistics concerning the membership roll of the Society for the last twelve months as follows:

#### MEMBERSHIP STATISTICS

	December 1934	December 1935
Honorary Fellows	4	4
Fellows	125	132
Members	291	336
Subscribers	<u>268</u>	<u>281</u>
	688	753

#### GAIN AND LOSS FOR 1935

	GAIN	Loss
Honorary Fellows		
Fellows (not including members elected fellows)		3
Members	78	23
Subscribers	<u>35</u>	<u>22</u>
	113	48

It is interesting to note that the Society has made a net gain in membership of 65 or almost 9 per cent on the basis of the 1934 total. It should be recorded, however, that although both members and subscribers have shown an increase over the previous year, the increase in members has been proportionately greater than the increase in subscribers. This appears to be due to the increasing interest manifest in the Society on the part of those interested in the science of mineralogy.

A total of about seven hundred and fifty paid copies of *The American Mineralogist* is mailed monthly. These are distributed not only throughout the United States and Canada but a constantly increasing number of copies go abroad.

Respectfully submitted

PAUL F. KERR, *Secretary*

## REPORT OF THE EDITOR FOR 1935

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

The current year marks the close of the twentieth volume of *The American Mineralogist*. It is very gratifying to recall that during this twenty year period substantial improvements have been made not only in the character of the periodical, but there has been likewise a steady and remarkable growth in the size of the Journal which has culminated in a volume of 900 pages for the present year—an increase of approximately 50 per cent over that of a year ago.

With our very modest subscription price and limited membership it is quite evident that such expansion could not have been possible had we been compelled to rely exclusively upon the income derived from dues, subscriptions, and from incidentals, such as the sale of back numbers and advertising space. In fact this past year the income from the sources just mentioned would have paid only 40 per cent of the total costs. However, funds derived from the interest on the Roebling endowment, and in addition some financial assistance received from the Geological Society of America during the past two years, have made it possible to carry out our expanded program without incurring debts. The Council of the G.S.A. at a meeting held last October voted to recommend the continuance of this assistance during 1936.

It was indicated a year ago that efforts would be made to issue a carefully prepared bibliography and subject index covering the first twenty volumes of the Journal. Under the direction of Mr. J. M. Nickles, who has been placed in charge of this project, rapid progress has been made and indications point to the completion of this work in the near future. The index will include not only authors' names and the titles of papers that have appeared in *The American Mineralogist*, but each article has been read and every mineral indexed for which new data are recorded. It is apparent that such an undertaking is one of major importance and every mineralogist who uses the Journal as a work of reference will find this index indispensable. Due to the heavy cost involved in its preparation and printing it will be necessary to make a small charge for those desiring copies. It is suggested that orders be placed with Dr. Schaller now as the size of the edition must be determined to some extent by the number of advance orders.

As mentioned above volume 20 is by far the largest volume issued by the Society up to the present time. The 12 issues, averaging 75 pages each, contain 62 leading articles. It might be of some interest to note that the average length of the leading articles is about 12 printed pages, although some papers were considerably longer. These contributions came from widely scattered sources and were received from 35 different Universities, research bureaus and technical laboratories. One University supplied 11 leading articles. In addition to these main articles 32 somewhat shorter contributions were accepted, making a total for the year of 94 published manuscripts that were received from 100 contributors. As in the past the manuscripts were not confined to the States. This year four were received from Canada and one each from Italy, China and Soviet Russia: making a total of seven foreign contributions.

As the recording of new minerals is always of considerable interest to the mineralogist a brief survey should recall to mind the four new minerals that have been described in detail this current year—burkeite, austinite, lindgrenite and steigerite.

In the table that forms a part of this report an attempt has been made to classify the 62 leading articles according to the following eight special fields: descriptive, chemical and optical mineralogy; geometrical and structural crystallography; mineralography; petrography; and memorials.

Members of the Council are agreed that the appearance of the Journal could be considerably improved by adopting a larger page and changing to a square back with stitched

binding instead of the stapled form how being used. These alterations however would involve additional expense and after careful consideration it was decided not to make any major changes during 1936, but to defer action until all our present commitments have been met, after which it could be determined more accurately what additional financial burdens, if any, could be safely assumed.

The concluding table of contents summarizes the distribution of subject matter in volume 20.

## DISTRIBUTION OF SUBJECT MATTER IN VOLUME 20

<i>Subjects</i>	<i>Articles</i>	<i>Pages</i>	<i>Per Cent of Total</i>
Leading articles			
Descriptive mineralogy.....	18		
Chemical mineralogy.....	5		
Optical mineralogy.....	4		
Mineralography.....	3		
Structural crystallography.....	11		
Geometrical crystallography....	6		
Petrography.....	12		
Memorials, etc.....	3		
	62	708	79.9
Proceedings of societies.....	23	54½	20.1
Short articles.....	32	96½	
Notes and news.....	8	8½	
Abstracts of new mineral names.....	31	11½	
Book reviews.....	8	7	
Total of text.....	164	886	100.0
Illustrations.....	245		
Covers, advertisements, index.....		134	
Total.....		1020	

Respectfully submitted,  
WALTER F. HUNT, *Editor*.

## REPORT OF THE TREASURER FOR 1935

*To the Council of the Mineralogical Society of America:* Your Treasurer submits herewith his annual report for the year beginning December 1, 1934, and ending November 30, 1935.

## RECEIPTS

Cash on hand December 1, 1934.....	\$1,828.76
Dues and subscriptions.....	2,131.65
Advertisements.....	510.48
Sale of back numbers.....	266.20
Author's charges on separates.....	590.39
Interest on endowment.....	2,339.36
Advance order for index.....	1.00
Sale of Liberty bonds.....	403.50
Geological Society of America refund on dues for 1934.....	132.00
Geological Society of America grant for 1934.....	1,500.00
Geological Society of America grant for 1935.....	1,500.00
	<hr/>
	\$11,203.34

DISBURSEMENTS

Printing and distribution of the Journal (12 issues) . . . . .	\$4,822.64	
Printing and distribution of separates . . . . .	730.19	
To the Editor, Secretary, and Treasurer . . . . .	720.00	
Postage . . . . .	90.06	
Printing . . . . .	104.31	
Clerical help . . . . .	319.07	
Committee expenses . . . . .	2.90	
Safety deposit box . . . . .	8.25	
Bank collecting charges . . . . .	1.87	
Check tax (December, 1934) . . . . .	0.08	
Telegrams . . . . .	1.83	
Roebing Medal Fund . . . . .	100.00	
Shelves for storing the Journal . . . . .	15.50	
Purchase of Union Pacific bond (to replace Liberty bonds) . . . . .	545.84	
Preparation of 20-volume index . . . . .	660.00	
	<u>\$8,122.54</u>	
Cash balance November 30, 1935 . . . . .	\$3,080.80	
		<u>\$11,203.34</u>

Of this balance of \$3,080.80 there is allocated the sum of \$800.00 for cost of printing the 20-volume Index of *The American Mineralogist* in 1936, leaving an available balance of \$2,280.80.

The endowment funds of the Society as of November 30, 1935, consist of the following securities, the four Liberty bonds previously held having been called and from the proceeds (\$403.50), with an addition from the Treasury of the Society of \$142.34, one \$500 bond of the Union Pacific Railroad was purchased.

4 \$100 bonds, Great Northern Railway Co., Genl. mtg., 5½%, due January 1, 1952 . . . . .	\$	400.00
1 \$500 bond, Union Pacific R. R., Lien & ref. mtg., 4%, due June 1, 2008 . . . . .		500.00
1 \$1,000 bond, The Denver Gas & Electric Light Co., First & ref. mtg., 5%, due May 1, 1951 . . . . .		1,000.00
2 \$1,000 Certificates, The Trenton Mortgage & Title Guaranty Co., First mtg., 5½%, due November 1, 1937 . . . . .		2,000.00
2 \$1,000 Certificates, The Trenton Mortgage & Title Guaranty Co., First mtg., 5½%, due April 1 and December 1, 1938 . . . . .		2,000.00
45 \$1,000 bonds, City & County of Honolulu, Hawaii, Water Works, 5%, due April 15, 1954 . . . . .		45,000.00
		<u>\$50,900.00</u>

In addition there is \$300.00 in U.S. Postal Savings bonds laid aside for the Roebing Medal Fund.

Respectfully submitted,  
 W. T. SCHALLER, *Treasurer*

Statement of Special Fund of the Mineralogical Society of America, which is used to support the Berwerth family in Vienna. This fund and its disbursement were initiated by Prof. E. S. Dana and on his death the care and disbursement of the fund have been transferred to the Treasurer of the Mineralogical Society of America.

Available balance as of November 30, 1935, \$1,397.71.

W. T. SCHALLER, *Treasurer*