

PROCEEDINGS OF THE TWENTY-FIRST ANNUAL
MEETING OF THE MINERALOGICAL SOCIETY
OF AMERICA AT AUSTIN, TEXAS

PAUL F. KERR, *Secretary*.

The twenty-first annual meeting of the Society was called to order Thursday, December 26th, at 2:00 P.M. in Room 315-316, of the Students Union Building at the University of Texas, Austin, Texas, president William F. Foshag 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 TWENTIETH ANNUAL MEETING, 1939.

REPORT OF THE SECRETARY.

REPORT OF THE EDITOR.

REPORT OF THE TREASURER.

REPORT OF THE AUDITING COMMITTEE.

MEMORIALS TO W. C. BRÖGGER, LAZARD CAHN, PHILIP KRIEGER, AND J. E. WOLFF,
PRESENTED BY DEAN EDWARD H. KRAUS.

The business meeting was immediately followed by the scientific session. The report of the election of officers and fellows for 1941, and the reports of the officers are given in the following pages.

ELECTION OF OFFICERS AND FELLOWS FOR 1941

The secretary announced that 310 ballots had been cast for the officers of the Society as nominated by the Council. The officers for 1941 are:

President: Fred E. Wright, Geophysical Laboratory, Washington, D.C.

Vice-President: William J. McCaughey, Ohio State University, Columbus, Ohio.

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

Treasurer: Earl Ingerson, Geophysical Laboratory, Washington, D.C.

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

Councilor, 1941-44: M. A. Peacock, University of Toronto, Toronto, Canada.

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

Ahlfeld, Friedrich, La Paz, Bolivia.

Bannister, Frederick A., British Museum of Natural History, London, England.

Bastin, Edson S., University of Chicago, Chicago, Illinois.

Butler, Robert D., Lehigh University, Bethlehem, Pennsylvania.

Cooke, S. R. B., Montana School of Mines, Butte, Montana.

Faust, George T., U. S. Department of Agriculture, College Park, Maryland.

Frondel, Clifford, Harvard University, Cambridge, Massachusetts.

Ito, Teiichi, Imperial University, Tokyo, Japan.

McConnell, Duncan, University of Texas, Austin, Texas.

Meen, V. Ben, University of Toronto, Toronto, Canada.

Miser, Hugh D., U. S. Geological Survey, Washington, D.C.

Murdoch, Joseph, University of California at Los Angeles, California

Pettijohn, Francis J., University of Chicago, Chicago, Illinois.

Schwartz, George M., Laval Université, Quebec, Canada.

REPORT OF THE SECRETARY FOR 1940

To the Council, Fellows, and Members:

MEMBERSHIP STATISTICS		
	1939	1940
Correspondents	8	7
Fellows	184	191
Members	484	457
Subscribers	366	334
	<hr/>	<hr/>
	1042	989
GAIN AND LOSS FOR 1940		
	Gain	Loss
Correspondents	0	1
Fellows	15	8
Members	122	149
Subscribers	80	112
	<hr/>	<hr/>
	217	270

During 1940, due to disturbed international conditions affecting many members and subscribers in foreign countries, the Mineralogical Society of America suffered a net loss in membership of 53, or 5% on the basis of the 1939 total. This, actually, is less of a loss than might normally have been expected in view of the foreign situation. The total membership which last year passed the 1000 mark has this year dropped slightly below it.

Respectfully submitted,

PAUL F. KERR, *Secretary*

REPORT OF THE EDITOR FOR 1940

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

From all external appearances it would seem that the Society's publication for 1940 has experienced a normal year. Volume 25 with its total of 828 pages is slightly larger than volume 24 of 1939. The current volume has been exceeded in size on only three occasions, in 1935, 1937 and 1938, and on two of these occasions special Harvard issues were largely responsible for these exceptional volumes.

However, it must be admitted that the calamity that has befallen both Europe and Asia has affected the Society and its publication from the financial standpoint. Foreign advertisers have all canceled their contracts as American markets are no longer open to their products. And in a more serious manner the wars abroad have influenced the service of the Journal. A very large number of subscribers have been unable for one reason or another to continue their subscriptions this year. This in itself represents a substantial monetary loss in income. What the future holds in store is too uncertain to even hazard a guess at the present time. Some type of retrenchment may be in order and along this line it might be mentioned that the Editor during the past year, on a number of occasions, has asked the author or his college to assume a portion of the cost when publication of the article in question, either due to its intricate character or excessive number of illustrations, would otherwise have placed too heavy a financial burden upon the Society. It should be stated, however, that this restrictive measure is a temporary arrangement and will be

modified when world conditions become more normal. But for the time being it seems a wise protective measure to adhere to.

An innovation started this year, which I hope will meet with the approval of the readers of the Journal, is the insertion whenever possible of an abstract to accompany the longer contributions. This abstract, prepared by the author, permits the reader to become acquainted with the main points prior to the reading of the article itself. Also it is a great aid to abstractors of other journals who can quote the abstract, or a portion of it, and be assured that the essential points have not been overlooked.

As indicated previously volume 25 contains 828 pages exclusive of the index. Nearly 82% of the total space of the Journal is devoted to leading articles which this year number 60. While a few of these major contributions are rather long, the average length is only 11.3 printed pages. From an examination of Table 1 which accompanies this report it will be noted that in the classification of these 60 papers in the various fields covered by our Journal, descriptive mineralogy leads the list with 16 articles, followed by petrography and geometrical crystallography. If to these main articles we add 20 shorter papers that were accepted, we obtain a total of 80 published manuscripts for the calendar year. These contributions were received from 79 contributors associated with 48 different universities, research bureaus and technical laboratories.

Each year the number of mineral species is increased by the discovery of naturally occurring inorganic compounds not previously described. *The American Mineralogist* for 1940 carried detailed descriptions of seven of these new minerals: gratonite, overite, montgomeryite, bellingrite, sterrettite, pararammelsbergite and clinobarrandite.

One noteworthy phase that should be stressed is the number of papers received this past year from sources outside of the United States. A new record was established in this regard which is surprising perhaps when we consider the disturbed conditions abroad. But

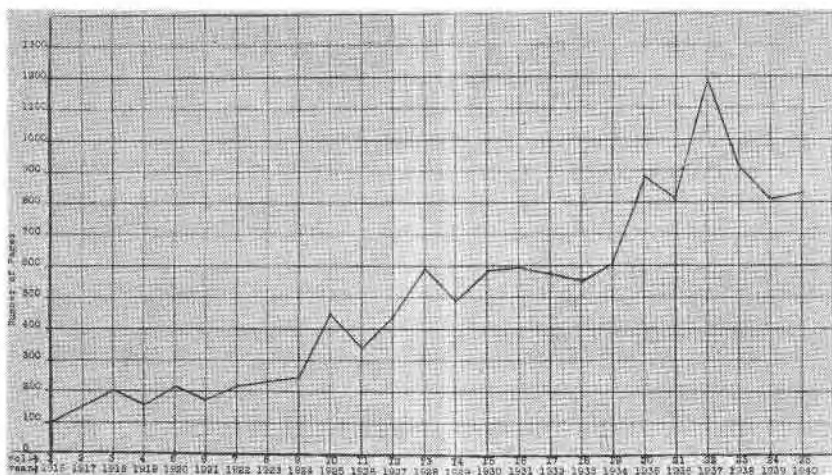


FIG. 1

with the activity of many European publications curtailed it is but natural if some authors in foreign lands should seek outlets elsewhere. Of the 80 published manuscripts of the year, 17 (13 major articles and 4 shorter ones) were received from the following 8 countries: Canada, Australia, Peru, The Netherlands, Japan, New Zealand, Colombia and South Africa.

Realizing that a report covering a single year is at best quite inadequate to appraise the general service rendered by the Journal, friends of the Society might be interested in a few facts covering the operation of *The American Mineralogist* for a longer period, from 1931 to 1940 inclusive. In the past decade *The American Mineralogist* has printed 7,768 pages, not including the 98 page decennial index. During this ten-year period 640 leading articles have appeared, 67 of which represent contributions from the following 15 countries: Canada 28; England 8; Australia 4; Belgium 4; Germany 3; Sweden 3; Japan 3; Soviet Russia 3; The Netherlands 3; Norway 2; Czechoprotectorate 2; and one each from China, Switzerland, Peru and New Zealand.

Figure 1 is a graph illustrating the growth of the Journal from 1916 to the present time. It will be noted that for the past six years *The American Mineralogist* has published volumes in excess of 800 pages. The special "Palache number," financed largely by friends of Harvard University, was responsible for the high peak reached in 1937.

The accompanying table of contents summarizes in detail the distribution of subject matter in volume 25.

TABLE 1. DISTRIBUTION OF SUBJECT MATTER IN VOLUME 25

<i>Subjects</i>	<i>Articles</i>	<i>Pages</i>	<i>Per Cent of Total</i>
Leading articles*			
Descriptive mineralogy	16		
Chemical mineralogy	7		
Structural crystallography	6		
Mineralography	1		
Geometrical crystallography	9		
Petrography	10		
Optical mineralogy	2		
Memorials	5		
Miscellaneous	4		
	60	678	81.9
Short articles	20	59½	18.1
Proceedings of societies	17	63½	
Notes and news	18	6½	
Abstracts of new mineral names	34	10½	
Book reviews	13	10	
Total entries	162	828	100.0
Illustrations	254		
Index, covers, advertisements		90	
Total		918	

* (Average length of leading articles, 11.3 printed pages.)

Respectfully submitted,
WALTER F. HUNT, *Editor*

REPORT OF THE TREASURER FOR 1940

To the Council of the Mineralogical Society of America:

Your Treasurer submits herewith his annual report for the year beginning December 1, 1939, and ending November 30, 1940.

RECEIPTS

Cash on hand December 1, 1939.....	\$ 2,219.95
Dues and subscriptions.....	2,785.58
Advertisements.....	305.82
Sale of back numbers.....	297.98
Authors' charges on separates.....	527.74
Interest on endowment (bonds).....	2,312.00
Interest on endowment (stocks).....	170.00
Sale of 20-volume index.....	15.26
Geological Society of America grant for 1940.....	1,500.00
Partial payments (1940) on principal of Trenton Mortgage Service Company's preferred stock.....	190.00
Principal of called (at 107½) Union Pacific Railroad Co., First lien and ref. mtg. 4% bonds, due June 1, 2008, less bank collecting charge of \$1.39....	1,073.61
	<hr/>
	\$11,397.94

DISBURSEMENTS

Printing and distribution of the Journal (12 issues).....	\$ 5,844.18
Printing and distribution of separates.....	736.52
To the Editor, Secretary, and Treasurer.....	970.00
Postage.....	113.35
Printing.....	125.39
Stationery.....	3.20
Clerical help.....	243.94
Committee expenses.....	2.74
Safety deposit box.....	8.25
Bank collecting charges.....	3.66
Telegrams.....	7.74
Refund of dues.....	2.75
Checks returned.....	16.00
Canadian war tax.....	1.08
Reinvestment of endowment money (20 shares Union Pacific Railway pfd. stock).....	1,607.75
	<hr/>
	9,686.55
Cash balance November 30, 1940.....	1,711.39
	<hr/>
	\$11,397.94

The endowment funds of the Society as of November 30, 1940, consist of the following securities:

4 \$100 bonds, Great Northern Railway Co., Genl. mtg. 5½%, due January 1, 1952	\$ 400.00
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, Trenton Mortgage Service Co., Trenton, N.J., preferred stock	3,059.90
5 shares, American Telephone and 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*
10 shares, Consolidated Edison, 5% preferred stock	1,066.64*
20 shares, Union Pacific Railroad Co., 4% preferred stock	1,607.75*
	\$52,959.31

* Purchase price.

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 normally made to the daughter of Prof. F. Berwerth, in Vienna. During the fiscal year 1940 it has not been possible to make any disbursement.

RECEIPTS

Available balance, November 30, 1939	\$816.80
Interest	16.08
Refund on uncashed check	45.00
	\$877.88

DISBURSEMENTS

Disbursed	\$ 0.00
Available balance, November 30, 1940	877.88
	\$877.88

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, 1940. The securities listed in the Treasurer's report, with all future coupons on the coupon bonds attached, are in the safety deposit box at the American Security and Trust Company of Washington, D.C.

Respectfully submitted,
 EARL INGERSON, *Chairman*
 E. P. HENDERSON
 E. F. OSBORN

ANNUAL LUNCHEON, MINERALOGICAL SOCIETY OF AMERICA

The annual luncheon of the Mineralogical Society of America was held in the Students Union Building of the University of Texas, Austin, Texas, at 12 noon on Thursday, December 26, 46 members and friends of the society being present. President William F. Foshag presided and served as toastmaster during the presentation of the Roebling Medal. Dr. A. N. Winchell of the University of Wisconsin presented the Third Roebling Medal to Dr. L. J. Spencer, former Curator of Minerals at the British Museum. Dr. Spencer was unable to be present to receive the medal, due to present world conditions. However, Mr. Harold E. Slaymaker, British Consul in Houston, Texas, received the medal in his behalf, reading Dr. Spencer's response.