

MINERALOGICAL SOCIETY OF AMERICA PROCEEDINGS FOR 1943

PAUL F. KERR, *Secretary*.

Because of the wartime situation no meeting of the Mineralogical Society of America was held in 1943. The Council of the Society assembled in New York City on December 11 to review the business of the Society for the year and to make such arrangements as were deemed necessary to continue the affairs of the organization for another year. The various reports of the officers of the Society for the year are submitted herewith.

ELECTION OF OFFICERS AND FELLOWS FOR 1944.

REPORTS OF THE EDITOR, TREASURER, SECRETARY AND AUDITING COMMITTEE.

LIST OF FORMER OFFICERS AND MEETING PLACES OF THE SOCIETY.

CORRESPONDENTS, FELLOWS, MEMBERS, AND SUBSCRIBERS OF THE MINERALOGICAL SOCIETY OF AMERICA.

ELECTION OF OFFICERS AND FELLOWS FOR 1944

The secretary announces that 337 ballots have been cast for the officers of the society as nominated by the Council. Officers for 1943 are:

President: R. C. Emmons, University of Wisconsin, Madison, Wisconsin.

Vice-President: Harry Berman, Harvard University, Cambridge, Massachusetts.

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

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

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

Councilor, 1944-1947: S. J. Shand, Columbia University, New York, New York.

The secretary announces that according to the provisions of the constitution the following have been elected to fellowship:

Anderson, Alfred Leonard, Cornell University, Ithaca, New York.

Bell, James Forbes, War Production Board, Washington, D. C.

Bradley, William F., Illinois State Geological Survey, Urbana, Illinois.

Cameron, Eugene Nathan, Columbia University, New York, N. Y.

Chapman, Carleton A., University of Illinois, Urbana, Illinois.

Coats, Robert Roy, U. S. Geological Survey, Washington, D. C.

Faessler, Carl, Laval University, Quebec, Canada.

Galbraith, Frederic William, University of Arizona, Tucson, Arizona.

Gallagher, David, U. S. Geological Survey, Washington, D. C.

Grawe, Oliver R., Missouri School of Mines, Rolla, Missouri.

Hallimond, Arthur Francis, Geological Survey and Museum, London, England.

Howland, Arthur Lloyd, Northwestern University, Evanston, Illinois.

Keevil, Norman Bell, University of Toronto, Toronto, Canada.

Keller, Walter D., University of Missouri, Columbia, Missouri.

Milton, Charles, U. S. Geological Survey, Washington, D. C.

Osborn, Elbert Franklin, Geophysical Laboratory, Washington, D. C.

REPORT OF THE SECRETARY, 1943

	1942	1943	Gain	Loss
Correspondents	6	6	—	—
Fellows	199	209	16	6
Members	418	462	123	79
Subscribers	268	288	29	9
	—	—	—	—
	891	965	168	94

A net membership gain of 74 for the year 1943 stands out in contrast to a net loss in membership of 48 for the year 1942. This has occurred in spite of the dislocation of so many of those on our membership roll, and is a clear indication of sustained interest in the Society and its work despite the inconveniences, demands, and exigencies of war. Few of our members in foreign countries, with whom we have direct communication, have withdrawn. Their interest and loyalty are noteworthy. Small gains from foreign countries have occurred, principally from those in the Western Hemisphere.

Another interesting observation is that few issues of our Journal have been returned because of non-delivery, an indication that the members and subscribers have promptly given notification of change of address. Numerous requests have been received from men in the service, asking to have *The American Mineralogist* forwarded to them as long as they are in the United States.

It should be noted that, notwithstanding wartime conditions, the membership as of December 31, 1943, stands at the highest level in the history of the Society except for 1939 when the total was 1042. This includes correspondents, members, fellows, and subscribers.

Respectfully submitted,

PAUL F. KERR, *Secretary*

REPORT OF THE EDITOR FOR 1943

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

The major effect of the present Global War, insofar as the Journal for 1943 is concerned, is reflected in a considerably smaller volume for the current year. This retrenchment was not due to financial reasons but rather to a substantial reduction in the number of contributions received. This condition was not entirely unexpected. *The American Mineralogist* is not unique in this respect. Quite a number of scientific publications are likewise passing through this same period of depression. We operate in a rather restricted field of natural science and much of our manpower has been diverted to efforts pertaining either directly or indirectly to the war effort.

This tendency of a partial drying up of our usual sources of manuscript supply was noted in the early months of the current year and on May 1 a circular letter was sent to the officers of the Society, the members of the council and to the associate editors calling attention to this condition and suggesting, as an emergency measure, the adoption of a policy of combining the issues of two months in a single number. This arrangement would permit of greater flexibility as the size of the number could be adjusted according to the material on hand.

This new policy became effective July 1 and thus the last six months of the year are represented by three numbers of the combination type referred to above. In times such as these it is difficult to plan too far in advance, but as far as 1944 is concerned every effort

will be made to continue this policy, namely, of issuing the Journal bimonthly. Sufficient material is on hand at present to carry us through until early summer. It should be understood, however, that this arrangement is temporary and that our regular schedule of a monthly periodical will again be resumed when conditions become normal and the supply of contributions warrants such a change.

In the editor's report last year reference was made to delays encountered due to the fact that approval of the Board of Economic Warfare was necessary before any issue could be printed and distributed. The examination of the proof material was for the purpose of determining whether or not the issue should be exported. No issue of *The American Mineralogist* was refused this privilege, but an additional ten days or two weeks were required to clear this hurdle. I am happy to announce at this time that this restriction has now been removed from scientific journals (effective July 1, 1943). The responsibility of accepting and printing material that will not benefit the enemy is now placed directly on the editor.

While a restrictive measure by the War Production Board on the use of paper was issued this past year, this restriction did not affect our Journal as our consumption of paper this year will be less than in 1942. A restriction however on the use of binder's wire has affected authors' reprints which unfortunately are not now so securely stapled as in former years.

Recognition and appreciation is here expressed for the financial assistance received from the Geological Society of America. The council of that body very graciously voted to contribute \$2000 during 1943 to help defray publication costs, and I am informed that a recommendation is being made to the new council of the G.S.A. to continue this aid during 1944.

In reviewing the accomplishments of the Journal for 1943, we find that volume 28 contains 618 pages, exclusive of index. This represents approximately a 200 page decrease (25%) when compared with the previous year. This is the smallest volume issued by the Society since 1934. Leading articles, which number 43, occupy 84.3% of the total space of the Journal. The average length of the leading articles is slightly greater than 12 printed pages. Table 1 which accompanies this report indicates the distribution of the leading articles in the eight fields covered by *The American Mineralogist*. If to the main articles we add 14 shorter papers, appearing under the heading of Notes and News, we obtain a total of 57 published manuscripts for the calendar year. These contributions were received from 68 contributors associated with 41 different universities, research bureaus and technical laboratories. The journal for 1943 carries detailed descriptions of five new minerals: endellite, gamagarite, partridgeite, sillenite, and beyerite. One hundred eighty-seven illustrations of various types assist in clarifying the descriptive portions of the text. As in previous years some financial aid was received from authors or institutions when the cost of cuts for any single article seemed excessive.

It is also of considerable interest to note that contributions continue to reach us from sources beyond our own borders. During 1943 we printed 10 such manuscripts received from the following five countries: Australia 1, Canada 3, England 2, Soviet Russia 1, and Union of South Africa 3.

Figure 1 is a graph illustrating the growth of the Journal from 1916 to the present time. The special "Palache number" with its 431 pages, financed largely by friends of Harvard University, was responsible for the high peak reached in 1937.

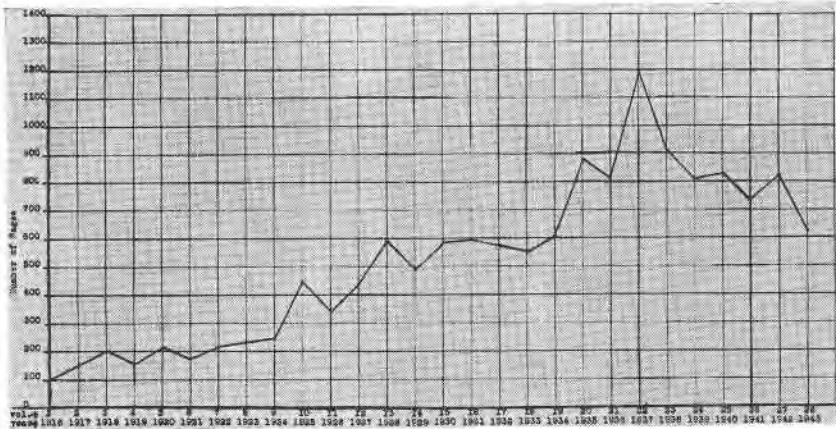


FIG. 1

The accompanying table of contents summarizes in detail the distribution of subject matter in volume 28.

TABLE 1. DISTRIBUTION OF SUBJECT MATTER IN VOLUME 28

<i>Subjects</i>	<i>Articles</i>	<i>Pages</i>	<i>Per Cent of Total</i>
Leading articles*			
Descriptive mineralogy	10		
Chemical mineralogy	6		
Structural crystallography	5		
Geometrical crystallography	5		
Petrography	6		
Optical mineralogy	3		
Mineralography	2		
Memorials, miscellaneous	6		
	43	521.0	84.3
Short articles	14	37.5	15.7
Notes and news	10	4.0	
Abstracts of new mineral names	29	8.5	
Proceedings of societies	20	37.0	
Book reviews	11	10.0	
Total entries	127	618.0	100.0
Illustrations	187		
Index, Title page, Table of contents		12.0	
Grand total		630.0	

* (Average length of leading articles, 12.1 printed pages).

Respectfully submitted,
 WALTER F. HUNT, *Editor*

REPORT OF THE TREASURER FOR 1943

To the Council of the Mineralogical Society of America:

Your treasurer submits herewith his annual report for the year beginning December 1, 1942, and ending November 30, 1943.

RECEIPTS

Cash on hand December 1, 1942	\$ 1,953.27
Dues and subscriptions	3,009.85
Sale of back numbers	399.11
Authors' charges on separates	611.28
Sale of 20-volume index	19.80
Interest and dividends from endowment	2,612.00
Partial payments (1943) on principal of Trenton Mortgage Service Company's preferred stock	132.57
Geological Society of America Grant for 1943	2,000.00
Advertisements	307.46
Aid on cost of illustrations for papers	226.08
	<hr/>
	\$11,271.42

DISBURSEMENTS

Printing and distribution of the Journal (10 issues)	\$ 4,747.12
Printing and distribution of separates	682.67
To the Editor, Secretary, and Treasurer	970.00
Postage	95.08
Printing and stationery	111.97
Office equipment	4.35
Clerical help	321.00
Committee expenses	4.47
Safety deposit box	9.60
Refund on overpayment	1.00
Returned checks	6.30
	<hr/>
	\$ 6,953.56
Cash balance November 30, 1943	4,317.86
	<hr/>
	\$11,271.42

The endowment funds of the Society as of November 30, 1943, consist of the following securities:

45 \$1,000 bonds, City and County of Honolulu, Territory of Hawaii, Water Works, 5%, due April 15, 1954.....	\$45,000.00
4 \$100 bonds, Great Northern Railway Company, Genl. Mtg., 5½%, due January 1, 1952.....	400.00
37 514/1000 shares, Trenton Mortgage Service Company, Trenton, New Jersey, preferred stock.....	2,452.19
15 shares, American Telephone and Telegraph Company, common stock.....	1,728.07*
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*
	\$53,459.10

* Purchase price.

Respectfully submitted,
EARL INGERSON, *Treasurer*

REPORT OF THE AUDITING COMMITTEE

To the President of the Mineralogical Society of America:

The Auditing Committee has examined and verified the accounts of the Treasurer of the Mineralogical Society of America, for the fiscal year ending November 30, 1943. 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 Friendship Branch of the Riggs National Bank of Washington, D. C.

Respectfully submitted,
ROLLIN E. STEVENS, *Chairman*
GEORGE T. FAUST
O. F. TUTTLE

DANA FUND

No disbursement made during the fiscal year 1943. Interest received=\$11.42. Available balance, November 30, 1943=\$924.85.

Respectfully submitted,
WALDEMAR T. SCHALLER