

TABELLEN ZUR ALLGEMEINEN UND SPEZIELLEN MINERALOGIE.

PAUL NIGGLI. XVI+300 pages, 228 figures. Bound in cloth, 9.30 M. Verlag von Gebrüder Borntraeger, Berlin. 1927.

In this book the author has brought together comprehensive tables for the determination of minerals based upon physical and optical properties as well as geometrical forms. The subject matter and figures have been taken largely from the numerous publications of the author. While it would be impossible in a short review to describe adequately the contents of this text, mention should be made of: (1) a general survey of the 32 crystal classes including the 14 space lattices and an atlas of the crystal forms in each system, (2) tables covering the uses and occurrences of the minerals of economic importance, (3) tables for the determination of gems and semi-precious minerals, and (4) the optical properties of the rock-forming minerals with tables for their determination.

These tables, no doubt, will serve as a convenient laboratory manual because of the fund of information contained and the ease with which the desired information can be found.

W. F. H.

GEOLOGY MANUAL: AN INSTRUCTION AND LABORATORY MANUAL FOR BEGINNERS. PART 1, PHYSICAL GEOLOGY. Richard M. Field, Ph. D. (Princeton University Press, 2nd Edition, 1927).

As indicated in the preface, this Manual is the result of a pressing need of a laboratory instruction paralleling the introductory course in Geology. It is a wide field, and in the table of contents of this manual are eighteen heads, which have been chosen with great care as they cover the various fields of the subject. In the body of the book their weighed treatment reflects the same careful consideration.

In the field of mineralogy, the list of species studied is reasonable and well selected as after all the number of rock-forming and very important ore minerals is very small.

The text is clear, precise, and positively written, as it should be for a beginner. The Manual should fulfill the function for which it was written and be of great practical assistance in laboratory instruction.

ALEXANDER H. PHILLIPS.

PROCEEDINGS OF SOCIETIES

PHILADELPHIA MINERALOGICAL SOCIETY

Academy of Natural Sciences of Philadelphia, Oct. 6, 1927.

The Philadelphia Mineralogical Society held its thirty-fifth anniversary meeting on the above date, the president, Mr. Vaux, presiding. Thirty-three members and twelve visitors were present.

The following officers were elected for the year 1927-28.

President: George Vaux, Jr.

Vice President: Wm. Clay

Secretary: F. A. Cajori

Treasurer and Councilor: H. W. Trudell

Dr. Witmer Stone, representing the Academy of Natural Sciences, congratulated the Society on attaining its thirty-fifth anniversary.

Mr. Vaux addressed the Society, his subject being, "1892-1927, A Retrospect and some Comments on the Future." The growth of mineralogy during the last thirty-five years was discussed and the speaker described the modern methods employed in mineral collecting, mineral study and museum display.

Mr. J. C. Boyle then addressed the Society on "Reminiscences." He recounted what, in his judgment, were the outstanding activities of the Society and its members during the last decade. The speaker showed a large number of interesting lantern slides of pictures taken on various collecting trips.

A number of early documents of the Society were turned over to the Society by Mr. Bengé who had them in his possession.

The Society then adjourned to inspect the laboratories and mineral hall of the Academy where refreshments were served. A special feature was an exhibit of specimens by members, including a display of French Creek minerals.

F. A. CAJORI, *Secretary*

NOTES AND NEWS

ANNUAL MEETING OF THE MINERALOGICAL SOCIETY OF AMERICA

The eighth annual meeting of The Mineralogical Society will be held December 29-31, 1927, at Western Reserve and Case School of Applied Science, Cleveland, Ohio. The first session of the Mineralogical Society will be held at 2 P.M. on Thursday, December 29, in the Geology Lecture Room at Case.

It is earnestly requested that *everyone* secure a *certificate* when purchasing a ticket to Cleveland for if 250 or more certificates are presented by those attending the combined meetings a half fare return rate will be granted. Even those not intending to use the certificates for their return trip are urged to comply with this request in order that the required number may be secured.

A *preliminary* list of titles of papers to be presented at the annual meeting will be found on the last page of this issue. Other notices will be found on cover 3.

FRANK R. VAN HORN, *Secretary*

Dr. W. F. Foshag, of the division of mineralogy, U. S. National Museum, spent four months in the mining districts of Mexico, particularly in the States of Zacatecas, Chihuahua, Durango and Sonora. About thirty-five boxes of specimens have been collected and sent to the Museum.

Dr. William A. P. Graham, instructor in geology at the University of Iowa, has accepted an associate professorship of geology at Texas Technological College.

Mr. J. Frank Schairer, graduate student at Yale, has been appointed to the staff of the Geophysical Laboratory at Washington, D. C.

Mr. George Vaux, Jr., of Bryn Mawr, Pa., president of the Mineralogical Society of Philadelphia and former vice-president and member of the Council of The Mineralogical Society of America, died Oct. 24. A memorial sketch of his life will appear in a later issue of the Journal.