

Twenty-five pages are devoted to an excellent, lucid description of plagioclase twinning, which is used to correlate optical elements with crystallographic directions. Details for the recognition of the various types of twins are fully described.

Those who still do a large part of their determinative work with thin sections will find Professor Reinhard's book a very helpful guide indeed if they are not already acquainted with universal stage methods. Those who are making use of immersion methods will find less that is suitable for application to their immediate problems.

R. C. EMMONS

ANLEITUNG ZUM BESTIMMEN DER MINERALIEN, FUCHS-BRAUNS.
Eighth Edition, 223 pages, with 27 illustrations in the text. Alfred Toepelmann, Giessen, 1921.

The seventh edition of the very serviceable tables for the determination of minerals, revised by Professor Reinhard Brauns of the University of Bonn, was reviewed in some detail in February, 1922. (Vol. 7, p. 30). No important changes have been made in the new edition.

E. H. KRAUS

PROCEEDINGS OF SOCIETIES

NEW YORK MINERALOGICAL CLUB

The regular meeting of the New York Mineralogical Club was held at the American Museum of Natural History, on the evening of March 18, 1931, with the president, Mr. Allen, in the chair. Mr. Harry W. Hicks of Jersey City, N. J., was elected to membership. The names of the following candidates were read and referred to the membership committee for report at the following meeting: Mr. H. Alban Anderson, Mr. W. R. Schenck, Mr. John H. Fisher, Mr. Raymond H. Torrey, Miss Lillian Fraser and Miss Jane Kessler.

The nominating committee reported the following recommendations for the officers of the ensuing year: President, Mr. Frederick I. Allen; First Vice President, Mr. George E. Ashby; Second Vice President, Dr. Horace R. Blank; Secretary, Mr. Daniel T. O'Connell; Treasurer, Mr. Gilman S. Stanton. In accordance with the Constitution, the report was received, and the recommendations laid over until the following meeting, when other nominations may be made, and the election will be held.

By special arrangement, this meeting was held jointly with the New York Microscopical Society, whose president, Mr. Needham, was then invited to the chair, and presided during the remainder of the meeting.

The speaker of the evening was Dr. L. C. Wills of Philadelphia, who discussed *Microscopical Mineral Mounts and Their Preparation*. He explained the advantages for an intensive study of mineral characters and crystal forms to be had from the microscopic specimens. He showed the fascination of microscopical study, and discussed in detail the preferred methods of mounting and utilizing specimens. Many questions were asked by those present, and effectively answered by the speaker.

A rising vote of thanks was extended to Dr. Wills; and the meeting then adjourned to enjoy the examination of a number of microscopic mineral specimens brought by him, several binocular microscopes having been loaned for the occasion.

JAMES F. MORTON, *Secretary*