

PROCEEDINGS OF SOCIETIES

NEW YORK MINERALOGICAL CLUB

*Meeting to Celebrate the Centenary of the Birth of Louis Pasteur
Wednesday, December 27, 1922*

The New York Mineralogical Club associated with The American Museum of Natural History, The Alliance Francaise de New York, The American Scenic and Historic Preservation Society, The Department of Agriculture, The Department of Health of the City of New York, The Federation de l'Alliance Francaise, The French Institute in the United States, The New York Academy of Medicine, The New York Academy of Science, The Pasteur Laboratories of America, The State Department of Health, and The Rockefeller Institute for Medical Research celebrated the centenary of the birth of Louis Pasteur, in the Auditorium of the American Museum of Natural History on the evening of Wednesday, December 27, at 8:15 P. M.

The speakers on this occasion were: Dr. Royal S. Copeland, N. Y. Commissioner of Health; Hon. Henry S. Wallace, Secretary, Dept. of Agriculture; Dr. George David Stewart, President, N. Y. Academy of Medicine; Major Henry J. Nichols, Medical Corps, War Department; Dr. George F. Kunz, President, New York Mineralogical Club; Dr. Pierre Lacomte du Nouy, Rockefeller Institute for Medical Research; Prof. Henry Fairfield Osborn, President, American Museum of Natural History; Hon. Gaston Liebert, Consul General of France; Dr. Herman Biggs, State Department of Health; and Dr. C. E. A. Winslow, Yale University.

A series of stereopticon views were also shown.

HERBERT P. WHITLOCK, *Recording Secretary.*

NEW YORK MINERALOGICAL CLUB

Regular Monthly Meeting of January 10, 1923

The regular monthly meeting of the New York Mineralogical Club was held in the Assembly Room of the American Museum of Natural History on the evening of Wednesday, January 10th at 8 P.M. In the absence of the President, the Vice President, Mr. George E. Ashby, presided. Seventeen members were present.

The Committee on Membership reported favorably on the name of Mr. J. S. Griggs, proposed at the November meeting, and the Secretary was instructed to cast a ballot for his election.

Mr. Cabeen exhibited a specimen of pentlandite from Sudbury which showed cleavage, he also extended greetings to the Club from Professor J. F. Kemp of Columbia University. Mr. Papke showed some striking specimens of apophyllite from Snake Hill, N. J.

The Chairman then introduced the speaker of the evening, Mr. O. Ivan Lee, who read a paper on "*The Minerals of the Rarer Earths.*" In the course of the discussion, Mr. Lee suggested that the beryllium contained in such minerals as herderite, bertrandite etc., was derived from beryl, citing the instance of these rare beryllium minerals occurring notably on etched beryl. He also spoke of the application of the direct vision (comparison) absorption spectroscopy for the

determination of fluocerite and certain monazites high in neodymium (and praseodymium). The mineral may be examined by reflected light without recourse to flame or chemical treatment. He also called attention to the very intimate association of monazite with uraninite alterations as found at the Deake Mine, near Sprucepine, Mitchell Co., N. C.

Notable among the unusual specimens exhibited as illustrating his paper were, kunzite from Rumford, Me.; transparent pollucite from Brazil (with cut stone weighing 1.6 carats); aguilairite from the San Carlos Mine, Guanajuato, Mexico; cossyrite from Cuddia Mida, Pantellaria Island near Sicily; berzelianite from Skrikerum, Sweden; brannerite from the head of Kelly Gulch, Stanley Basin, Idaho; an ilmenite crystal from Judge Martin Place, near Sprucepine, Mitchell County, N. C. (unreported locality discovered by Mr. Lee in 1907); a sipylyte crystal weighing 47.25 gm. from the northwest slope of the (Bald) Friar Mountain, near Lowesville, Amherst Co., Va. A specimen of ductile, metallic tantalum was also shown. This was first made in America in 1922 by the Fansteel Products Co. of North Chicago.

At the close of his paper a vote of thanks was tendered to Mr. Lee for his very interesting presentation. The meeting then adjourned.

HERBERT P. WHITLOCK, *Recording Secretary*

PHILADELPHIA MINERALOGICAL SOCIETY

Academy of Natural Sciences of Philadelphia, February 8, 1923

A stated meeting of the Philadelphia Mineralogical Society was held on the above date with the president, Mr. Vaux, in the chair. Fourteen members and three visitors were present.

Mr. Harry A. Warford addressed the society on "*The Garnets.*" The physical properties, composition, modes of occurrence, and classification of the garnets was described in detail. Many specimens were exhibited.

The chair announced the death, on January 27th, of Mr. Clarence S. Bement, and related reminiscences of his mineralogical activities.

Mr. Vaux exhibited specimens of allactite from Franklin, N. J.

SAMUEL G. GORDON, *Secretary*

BOOK REVIEWS

AN INTRODUCTION TO SEDIMENTARY PETROGRAPHY. HENRY B. MILNER. Cr. 8 vo., 125 pages, 16 plates. Thomas Murby & Co., 1, Fleet Lane, E. C. 4, London, 1922. (D. Van Nostrand Co., 8 Warren St., New York).

This small handbook, consisting of only four chapters, will be favorably received, no doubt, by all petrographers and students of stratigraphy. It is designed to meet the requirements of all those engaged in a microscopical examination of loose, detrital deposits and treats especially of the principles, practice, scope and limitations of correlation by means of heavy concentrates. While the book is based largely on a course of lectures in sedimentary petrography as applied to oil technology, the author realizes that the methods employed are applicable to a far greater field in both theoretical and applied geology.