

PROCEEDINGS OF SOCIETIES

NEW YORK MINERALOGICAL CLUB

Annual Meeting of April 20, 1927

The Forty-first Annual Meeting of the New York Mineralogical Club was held in the East Assembly Room of the American Museum of Natural History on the evening of April 20, at 8:15 p.m. The President, Dr. Paul F. Kerr, presided and there was an attendance of 22 of whom 18 were members.

The following officers were elected for 1927-28:

President: Paul F. Kerr.

First Vice-President: George E. Ashby.

Second Vice-President: Frederick I. Allen.

Secretary: Herbert P. Whitlock.

Treasurer: Gilman S. Stanton.

Proceeding to the paper announced for the evening, Mr. Donald H. Selchow gave a highly interesting account of "Mineral collecting in the vicinity of Lead, South Dakota." The speaker had gained considerable intimate knowledge regarding his subject through the experience of working for several weeks in the Homestake Gold Mine. He described this property, and also the Tungsten Mine at Lee, in the Central Black Hills. Speaking of the latter he described the wolframite and scheelite, which constitute the ore minerals as occurring in dolomite; the wolframite in a granular condition and in bladed crystals, and the scheelite in stringers and in crystals in vugs. As accessory minerals he mentioned jarosite in hexagonal plates, gypsum, barite, hematite, limonite and possibly plumbojarosite. Analyses show 3% WO_3 and \$4.00 in gold per ton.

Summarizing the minerals of the Homestake mine, Mr. Selchow cited cummingtonite as the predominating mineral; also arsenopyrite in good crystals, pyrrhotite and pyrite in stringers, and calcite and fluorite in veins throughout the ore body. Siderite is relatively rare and free gold in recognizable specimens even more so. A number of excellent slides illustrated Mr. Selchow's address, at the close of which a vote of thanks was tendered to him for his interesting and valuable paper.

Among occurrences of recent interest, Mr. Whitlock showed the chrysotile asbestos from 81st Street and Eight Avenue, Manhattan, and some chabazite (pharcolite) from the hiddenite locality in North Carolina. Mr. Morton described the anhydrite from Prospect Park, Paterson, N. J. Miss Schroder showed some fine sphalerite from British Columbia, also some placer copper and silver specimens.

HERBERT P. WHITLOCK, *Secretary*

Regular Monthly Meeting of May 18, 1927

A regular monthly meeting of the New York Mineralogical Club was held in the East Assembly Room of the American Museum of Natural History on the evening of May 18, at 8:15 p.m. The President, Dr. Paul F. Kerr, presided and there was an attendance of 30 members.

Mr. Samuel G. Gordon addressed the Club on "The Minerals of Pennsylvania." Mr. Gordon touched on the geology and physiography of Pennsylvania, and outlined several collecting trips to include several of the principal localities starting

from Philadelphia. He mentioned Lafayette, Phoenixville, the falls of French Creek, Friedensville, Cornwall, Avondale and several other notable localities. The speaker made use of a number of excellent lantern slides, depicting both the quarries and mines touched upon and some of the specimens obtained in the past from them. At the close of this paper, a vote of thanks was tendered to the speaker for his interesting address.

HERBERT P. WHITLOCK, *Secretary*

PHILADELPHIA MINERALOGICAL SOCIETY

Academy of Natural Sciences of Philadelphia, May 5, 1927

A stated meeting of the Philadelphia Mineralogical Society was held on the above date with the President, Mr. Vaux, in the chair. Twenty-five members and eleven visitors were present.

Mr. Paul L. Storm addressed the Society on "Prehistoric Flint Mining." The methods of ancient flint mining and the development of the technique in chipping flint was traced from the early paleolithic to the bronze age. The flint mines at Grimes Graves, England, Spiennes, Belgium and Champignolles, France, were described in detail. The address was illustrated by lantern slides showing diagrams and pictures of the mines and mining tools used. Specimens of flint implements from various periods of the stone age were exhibited.

Mr. Biernbaum described a trip taken by five members of the Society to Moore's Station, N. J., where in the workhouse quarry splendid microscopic epidote was found. Mr. Cienkowski reported on a trip to Branchville, Conn., Brewster, N. Y. and Paterson, N. J. Pink spodumene and beryl were found at Branchville.

F. A. CAJORI, *Secretary*

Academy of Natural Sciences of Philadelphia, June 2, 1927

A stated meeting of the Philadelphia Mineralogical Society was held on the above date with an attendance of thirty members and seven visitors. The president, Mr. Vaux, presided.

Mr. R. E. Hellmer was elected to membership.

Mr. S. G. Gordon addressed the society on "A mineralogical trip abroad." The speaker described the Jubilee meeting of the Mineralogical Society in London last September and the European collections which he visited afterwards. Among these were the Danish collections at Copenhagen which are rich in minerals from Greenland, Iceland and Norway; the Natural History Museum collection, in Berlin; the Baldauf private collection in Dresden; the School of Mines collection in Freiberg; collections at Munich, Berne, Geneva, Vienna and Budapest, the latter being especially fine. The speaker also described the laboratory and work of Dr. Victor Goldschmidt and his pupils in Heidelberg where he spent several months.

Mr. Biernbaum described the Club trip over Memorial Day to Conowingo where along the re-location of the Pennsylvania Railroad, gypsum, allophane, titanite, pyrite and clinozoisite were found.

F. A. CAJORI, *Secretary*