

PROCEEDINGS OF SOCIETIES

PHILADELPHIA MINERALOGICAL SOCIETY

Academy of Natural Sciences of Philadelphia, October 13, 1921

A stated meeting of the Philadelphia Mineralogical Society was held on the above date, with Vice-President Trudell presiding, and seventeen members present. Upon recommendation of the executive council the following were elected to active membership: Messrs. Wm. T. Clay, Elbert W. Chalfont and Henry E. Millson.

The following officers for 1921-1922 were elected: President, Mr. H. W. Trudell; Vice-President, Mr. J. S. Frankenfield; Secretary, Mr. S. G. Gordon; and Treasurer, Mr. H. W. Warford.

Mr. Knabe reported a trip taken by Mr. Warford, himself and several friends to the Perkiomenville quarry where they were met by Mr. Tallis. Stilbite and epidemine were the main finds. Mr. Biernbaum reported a trip taken with Dr. Wills to Leiper's and Deshong's quarries with negative results.

Mr. Hoadley reported having visited a number of New England localities during the past summer. Mr. Hagey exhibited, on the screen, an interesting collection of lantern slides dealing with mineralogical and geological subjects.

After adjournment refreshments were served in honor of the twenty-ninth anniversary of the Society. J. S. FRANKENFIELD, *Secretary pro tem.*

NEW YORK MINERALOGICAL CLUB

Regular Monthly Meeting of October 19, 1921

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, October 19, at 8.15 P.M. The President, Dr. George F. Kunz, presided and there was an attendance of 21 members. The name of Mr. I. Newgrass was submitted to the Committee on Membership. The Committee reporting favorably, Mr. Everett D. Carlson, Mr. Frederick M. Taylor, Miss Ethel M. Egan, and Mr. Newgrass were duly elected to membership. A new Committee on Change of Name being voted the Chair appointed Mr. F. I. Allen, Mr. Manchester and Mr. Stanton. For the Election Day Excursion, Mr. Hoadley suggested Great Notch and as alternatives South River, 194th Street, and the Sing Sing Quarries. Mr. F. I. Allen suggested some Staten Island localities, and after discussion it was voted that these be visited.

Proceeding to the Symposium on the minerals collected during the summer, Mr. Hoadley described trips to Lundy Hook, Long Hill, Middletown District, Cobalt, White Rocks, Strickland Quarry and Easthampton, Connecticut; Sterling Mine, Orange Co., the Amity Localities (Mt. Adam and Mt. Eve), Lake Mombasha south of Monroe, Forest of Dean, and Queensboro, N. Y.; McAfee, Rudeville and the Atlas Quarry, Franklin Furnace District, N. J. A large number of minerals were found at these places. He spoke of the Philadelphia Mineralogical Society as an enthusiastic body of collectors, very active in field excursions, and having a record of about 80% of the membership at the

meetings. After general discussion the Chair appointed a Committee consisting of Messrs. Hoadley, Scott and Whitlock to arrange for Sunday trips during the spring and summer, to report at the January meeting. The Chair suggested a special meeting for the Newark Club and appointed Mr. Broadwell a committee of one to arrange such a meeting.

It was then moved that a map be prepared to plot the localities within twenty-five miles of New York and that a committee be appointed to prepare it; the Chair appointed Messrs. Lee, Manchester, Hoadley and the President (ex officio).

Mr. Manchester described the Providence limestone localities including Lincoln, R. I.; the localities at 163d Street and 207th Street and Sherman Ave. (ilmenite) in Manhattan; a new quarry at Bedford and recent conditions in Strickland's Quarry, Middletown. Mr. O. I. Lee displayed recent specimens of quisquite, pascoite and hewettite from Peru; "Kentsmithite" from Norwood, Colorado, a complex vanadium compound whose exact composition is difficult to determine, the specimens carrying many associated uranium and vanadium compounds; and allanite from Lac a Bonde, Quebec, were also shown. Mr. Lee also called attention to the recent lecture before the New York Section of the American Chemical Society by Prof. Chamot of Cornell University on "Chemical Microscopy."

Mr. F. I. Allen showed some cesium beryl from Strickland's Quarry, having a specific gravity of 2.80. Mr. Hoadley raised the question of the recent finds of cyprine and holdenite from Franklin. Mr. Whitlock showed some striking specimens of chalcophyllite from the Braden Mine, Rancagua, Chile.

Dr. Kunz announced the finding within the past two months of an elongated flat crystal of diamond, white in color and weighing 20.31 carats in the diamond mines at Indian Creek, Little Missouri River, Murfreesboro, Pike Co., Ark. This constitutes the largest diamond which has hitherto been found in North America. He exhibited two diamond crystals from the same locality, a yellow hexoctahedron of 17.85 carats and an elongated brown crystal of 11.21 carats, also an opaque brown zircon from Queensland, and a specimen of diamond-bearing rock from Brazil, which is known as "draperite." Dr. Kunz also showed some photographs of large groups of amethyst and of a jade boulder weighing over $4\frac{1}{2}$ tons from Australia.

HERBERT P. WHITLOCK, *Secretary*

NEWARK MINERALOGICAL SOCIETY

Newark, N. J., October 27, 1921

The Newark Mineralogical Society opened the season with its forty-first regular meeting. An interesting and instructive program has been planned for the winter meetings. During the past summer the Society had one outing to Portland, Conn. and visited the Strickland quarry located there. No other outings were held but several of the members reported that they had visited a large number of localities.

Mr. Broadwell exhibited a specimen of fluorescent willemite from Franklin that plainly showed the phenomenon in daylight with only the aid of magnesium ribbon. Meeting then adjourned.

WM. H. BROADWELL, *Secretary*