

About 300 meters above the cabin an old road leads out of the gulch over a low saddle. This road continues as a trail over to the west workings. The first workings one meets along this trail contain abundant crystallized gypsum in cavities in a light buff calcareous shale. The crystals are well formed, range up to 6 or 8 cm. in size, and make excellent specimens. They are very abundant and specimens can be obtained in quantity. Specimens of crystallized colemanite are also met with here.

Above the cabins the old railroad roadbed follows along the north side of the hill. In the first workings at the contact of the shales with the andesitic tuff, ulexite of an unusual habit is met with. The ulexite lines cracks in the andesitic tuff and radiated tufts of fine needles can be obtained. These groups are quite different from the usual "cotton-ball" type of ulexite found at other localities.

Further along occasional cuts reveal cavernous limestone carrying colorless, prismatic crystals of celestite up to 3 cm. in length.

The mineral "bakerite" has been described from this locality, but diligent search failed to reveal any, and it is possible that this mineral is an impure form of howlite. The howlite is often called pandermite at the mines, but no true pandermite (priccite) has been found in this district.

PROCEEDINGS OF SOCIETIES

NEW YORK MINERALOGICAL CLUB

Regular Monthly Meeting of October 11, 1922

Dr. George F. Kunz presided at the regular monthly meeting, 31 persons being present. In the absence of the Secretary the reading of the minutes of the previous meeting was dispensed with. George E. Ashby was asked to act as secretary protem.

Miss Florence Miller, 606 West 115 St., New York city, was favorably reported on by the Membership Committee and on motion was unanimously elected to membership. The report of the Committee appointed to arrange a program of meetings for the season of 1922-23 was read by the Secretary.

Dr. Kunz spoke of the coming Pasteur Celebration and outlined the program expected. The Corresponding Secretary (W. G. Levison) sent a letter received from Wm. Niven referring to some of his archaeological explorations in Mexico. J. P. Wintringham exhibited some rock specimens from the drift at Oakland, N. J. and described the iron ore deposits near Pompton Junction. P. Walther exhibited specimens of trona he had received from Narobi, East Africa. Mr. Walther stated that the deposit which was of unknown depth, was 2 miles wide and 22 miles long. The trona contains 98% sodium carbonate. Mr. Walther also described a

visit he had made to an English fluorite deposit many years ago. He exhibited a specimen of brown spar coating over large fluorite crystals. George L. English described his recent visit to mineral localities in Sicily, Norway and Sweden, and exhibited a large group of very perfect and brilliant diopside crystals from S. W. Africa. Mr. English also described a large cubical crystal of silver and a rope of wire silver as thick as an arm and 4 ft. long from Kongsberg; also from the same locality large cubo-octahedrons of fluorite, clear and colorless.

Mr. English also related his visit to Vesuvius and his descent into the crater. Mr. Atkins gave an account of a recent trip he had made to the carnotite localities of Colorado, describing the occurrence in the canyon formations. Mr. Atkins also spoke of the Breckenridge Collection of gold specimens in Denver. The meeting then adjourned.

G. E. ASHBY, *Sec. protem.*

PHILADELPHIA MINERALOGICAL SOCIETY

Academy of Natural Sciences of Philadelphia, October 12, 1922

The *Thirtieth Anniversary Meeting* of the Philadelphia Mineralogical Society was held on the above date with Mr. Trudell, and later, Mr. Vaux, in the chair.

Those present were Messrs. Boyle, M. Bernstein, Clay, Egee, Eriksson, Flack, Frankenfield, Ford, Gordon, Hoadley, Jones, Keeley, Knabe, Lapp, Millson, Oldach, Skinner, Trudell, Vanartsdalen, Vaux, Warford, Wills, Wilkinson; and eight visitors, including Messrs. George L. English, Paul Wikul, John F. Deegan, Clarence J. Treston, Ralph D. Pearce, and Horace Hallowell.

Upon recommendation of the executive council, the following were elected active members: Messrs. E. P. Wilkins and James Henry Wilkinson.

Mr. Frederick Oldach proposed the following for active membership: Messrs. Paul Wikul, John F. Deegan, Clarence F. Treston, and Ralph D. Pearce.

The secretary was instructed to cast a ballot for the election of the following officers for 1922-23:

President: George Vaux, Jr.

Vice-president: Harry W. Trudell

Treasurer: Harry A. Warford

Secretary: Samuel G. Gordon.

Mr. Harry W. Trudell described "A DECADE OF COLLECTING," in which the principal excursions of members of the Society were graphically narrated. A large number of lantern slides of photographs taken on trips was exhibited.

Mr. George Vaux, Jr. gave a delightful talk on "SOME MINERALOGICAL REMINISCENCES," principally of the pleasant "Saturday Afternoons"¹ held at the house of his uncle, William S. Vaux (Seventeenth and Arch Streets) where many famous mineralogists gathered to view the minerals;—Charles M. Wheatley, Joseph A. Clay, Doctor Beadle, Joseph Leidy, Joseph Willcox, Theodore Rand, William W. Jefferis, H. Carville Lewis, Clarence Bement, Elwood B. Hancock, and Emperor Dom Pedro.

The secretary was presented with a beautiful silver loving cup, after which the Society adjourned for refreshments, and an examination of the minerals exhibited.

SAMUEL G. GORDON, *Secretary*

¹ These Saturday afternoons have been happily revived by Mr. George Vaux, Jr., on which occasions members of the Society gather to view his magnificent collection.