

The crystals are frequently coated with a thin film of limonite, which gives a bronze-like to iridescent luster to their surfaces. In this respect, as well as in general appearance of specimens, there is a remarkable resemblance to the limestone minerals from Lime Rock, R. I.

The locality is a fascinating one for collecting, as much depends on the mineralogist's skill with a chisel—fine chesterlites being prone to display their perfect cleavage at inconvenient moments.

Following is an alphabetical list of minerals reported from the locality, with references:

Amphibole, var. mountain leather . . . . .	Rand, 1867
var. tremolite . . . . .	Benge and Wherry, 1908
Calcite . . . . .	Dana, 1850
Colorless scalenohedra.	
Chlorite . . . . .	Benge and Wherry, 1908
Dolomite. Crystals [Simple unit rhombohedron] . . . . .	Dana, 1850
Muscovite. (margarodite? damourite? talc?) . . . . .	Dana, 1850
Yellow, minute tuft-like aggregates . . . . .	Smith and Brush, 1853
Microcline, var. chesterlite . . . . .	Dana, 1850
White to flesh-colored crystals on dolomite. "Rosettes" up to 5 cm. in diameter.	
Phlogopite . . . . .	Rogers, 1858
Flakes in limestone.	
Pyrite . . . . .	Carpenter, 1828
Truncated cubes and cubo-octahedra.	
Quartz . . . . .	Carpenter, 1828
Crystals 10×4 cm. in diameter.	
Rutile . . . . .	Carpenter, 1828
Brilliant, dark ruby red, occasionally transparent, striated and terminated prisms, 2.5 cm. ×3 mm.	
Zoisite, on quartz . . . . .	Dana, 1850

## PROCEEDINGS OF SOCIETIES

### PHILADELPHIA MINERALOGICAL SOCIETY

*Wagner Free Institute of Science, April 8, 1920*

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

Mr. J. Harlan Johnson addressed the society on "Some Black Hills Minerals and Mineral Localities." The most important source of the minerals of the district are the pegmatites, which are remarkable for their coarse texture, and the perfect regularity of the enormous crystals of spodumene, beryl, tourmaline, and columbite found in them. Scott's rose quartz mine lies 4 miles south of Custer, the rose quartz forming a vein about 30 feet in width. A vote of thanks was tendered to the speaker for his interesting communication and exhibition of Black Hills minerals.

Mr. Charles W. Hoadley described a number of recent trips to Robeson, Birdsboro, Jones mine, Falls of French Creek, and Frankford. He reported

the finding of muscovite crystals in veins in diabase from Fort Lee, and small hematite crystals in sandstone beneath the Palisade sill; these minerals having been noticed in building stones from Fort Lee and Alpine.

Mr. Gordon exhibited a series of corundum, diaspore, tourmaline, margarite, euphyllite, and damourite from the corundum pegmatites of Unionville. Three types of sodic pegmatite, allied to plumasite, occur in Pennsylvania, all either intrusive in meta-peridotite, or occurring at the contact of such masses and Wissahickon gneiss: the albite with hornblende type (Sylmar); the albite-corundum type (Black Horse and Morgan Station); and the albite-corundum-tourmaline-margarite type (Unionville). A characteristic feature of the corundum-bearing types is the occurrence of a sheathing of albite, margarite, or damourite about the larger corundum crystals, representing a late stage of the crystallization of the pegmatite, with the hydrothermal alteration of the earlier formed corundum crystals to these minerals. A trip was reported to Glen Riddle and Lenni, where actinolite was found at the contact of pegmatite and meta-peridotite.

Mr. Ford reported a trip to Phoenixville, where the Chester County lead mine (one of the Wheatley group) is in active operation. As the ore is hand-picked in the mine and fed to a crusher, no specimens are obtainable on the surface.

SAMUEL G. GORDON, *Secretary*.

#### NEW YORK MINERALOGICAL CLUB

The annual meeting of the New York Mineralogical Club was held in the Morgan Hall of Minerals, at the American Museum of Natural History, on the evening of April 21, at 8.00 P.M. The president, Dr. George F. Kunz, presided and there was an attendance of 28 members and guests. Officers for the ensuing year were nominated and elected, as follows:

For President . . . . .	Dr. George F. Kunz,
“ Vice-President . . . . .	Mr. George E. Ashby,
“ Corresponding Secretary . . . . .	Dr. Wallace Goold Levison,
“ Recording Secretary . . . . .	Mr. Herbert P. Whitlock,
“ Treasurer . . . . .	Mr. Gilman S. Stanton.

The reelected President upon resuming the chair introduced the question of the change of name of the Club, suggesting that title of the organization be changed to the New York Mineralogical Society. He also brought up the question as to the advisability of incorporation and of increasing the number of vice-presidents and honorary members. After a discussion of these suggestions, on a motion by Mr. Stanton action upon these matters were deferred to the May meeting, and a committee was appointed by the President to report at the May Meeting. This Committee consisted of Dr. Hovey, Capt. Miller, and Messrs. Stanton, Manchester and Wintringham. The Treasurer submitted a report for the year.

A small exhibit was arranged by the Department of Mineralogy of the American Museum to show the published work of the late Professors Moses of Columbia, and Pirsson of Yale. This, as well as an exhibit of the recent accessions of the Department, were inspected by the members present after the meeting adjourned at 9.00 P.M.

HERBERT P. WHITLOCK, *Recording Secretary*.