

In 4th Series

- (With J. H. Pratt) Rhodolite, Sperryllite, zircon, etc., North Carolina. 5, 294, 1898; 6, 323, 381, 463, 1898.
 (With Judd) Ruby (at Cowee Creek), North Carolina. 8, 370, 1899.
 Hayden Creek, Lemhi Co., Idaho, Meteorite. 9, 367, 1900.
 Corundum twin (Coler Fork of Cowee Creek, Marion Co.), North Carolina. 13, 474, 1902.
 Results of late mineral research in Llano Co., Texas. 19, 425, 1905.
 Cassiterite, a new cleavage. 20, 410, 1905.
 (With C. H. Warren) Yttrocasite. 22, 515, 1906.

IN TRANSACTIONS OF THE NEW YORK ACADEMY OF SCIENCES

- Discovery of emeralds in North Carolina. 1, 101, 1882.
 Phenomenal pocket of quartz crystals. 1, 131, 1882.
 Meteorite from Maverick Co., Texas. 5, 231, 1886.

IN MINERALOGICAL MAGAZINE AND JOURNAL OF THE MINERALOGICAL SOCIETY (ABSTRACTS)

- Herderite in Maine. 5, 335, 1884.
 Edisonite. 9, p. 38, 1890.
 (With Hillebrand) Mackintoshite. 10, 341, 1894.
 (With Hillebrand) Rowlandite. 10, 338.

PROCEEDINGS OF SOCIETIES

THE PHILADELPHIA MINERALOGICAL SOCIETY

Wagner Free Institute of Science, September 11, 1919

A stated meeting of the Philadelphia Mineralogical Society was held on the above date with the president, Dr. Leffmann, in the chair. Sixteen members and two visitors were present.

The following officers were nominated for 1919-1920: President: Dr. Herman Burgin; Vice-president, Mr. Harry W. Trudell; Treasurer, Mr. Harry A. Warford; Secretary, Mr. Samuel G. Gordon.

Mr. Gordon presented an account, illustrated with slides and specimens, of a mineralogical trip taken thru Pennsylvania during July. Gorman's quarry, East Goshen; General Trimble's mine, near Planebrook; the Chester Co. mine, near Phoenixville; and French Creek mines, in Chester County, were first visited. At Robeson, Berks County, a number of zeolites were obtained, including epidesmianite; at Cornwall, Lebanon County: pyrite, chalcopyrite, magnetite, calcite, serpentine, asbestos, chlorite, aragonite, and byssolite; at Kimmel's farm, 3 km. north of New Kingston, Cumberland Co., quartz crystals; at the old wavellite mine, 2½ km. southeast of Moore's Mill, Cumberland County: wavellite, beraunite, cacoxenite, and strengite, in very attractive specimens. This mine has been abandoned for 10 years, and no good crystals of wavellite were obtained. Another old wavellite mine at Ross farm, just west of the Tuscarora River, 8 km. south of Blairs Mills in Huntington Co. (and 60 km. northwest of the previous mine) was visited, but no specimens were found, as the mine has been abandoned for over 20 years

and is pretty well overgrown. No specimens are obtainable at the Dry Hollow mines near Warriors Mark in Huntington Co.

The next group of localities visited were in the coal district along the Mahanoy valley, from Shamokin to Mauch Chunk. At Mahanoy City Colliery pyrite and pyrophyllite were found. Permission was secured to visit the No. 1 Tunnel at Nesquehoning, where lansfordite and nesquehonite were found in 1887; the former at present being only represented in a few collections by pseudomorphs. This tunnel is about 5 km. long, and was slowly examined from an electric car. About 600 meters from the mouth, the two minerals were discovered, covering a patch about 3 meters square on the roof of the tunnel, and down one wall, adjacent to the "Fifty-foot vein." Colorless stalactites of lansfordite up to 8 cm. in length were obtained, showing the characteristic combination of stalactite with crystal faces at the termination. In four days, however, all the stalactites turned to opaque chalk-white nesquehonite, cryptocrystalline on the surface, but coarsely crystalline within. About 50 stalactites were collected. Large masses (15 x 20 cm.) of radiating nesquehonite were obtained on the wall, coated with crystals of lansfordite (since altered) in front, and exhibiting solid radiations on the back, with individual needles 4 cm. long.

At the trolley cut at the eastern base of Mt. Pisgah, 1 km. north of Mauch Chunk, carnotite is obtainable in abundance; glauberite molds were found near Steinsburg, Bucks Co., and glaucophane between Limeport and Coopersburg, Lehigh Co.

Mr. Trudell reported in detail the August 30 to September 1 Excursion to Robeson, Berks Co., and Cornwall, Lebanon Co., attended by Messrs. Hagey, Knabe, Frankenfield, Warford, Gordon, and Trudell. Specimens and lantern slides were shown. Mr. Hagey exhibited micro-mounts from Cornwall with a Greenough binocular. Mr. Gordon reported a trip to Avondale and Leiper-ville, with Dr. Hawkins and Mr. Ford, finding very good garnets.

SAMUEL G. GORDON, *Secretary.*

NEW MINERALS

Cocinerite

George J. Hough: Notes on an unlisted mineral, *Am. J. Sci.* [4], **48** (3), 206, 1919.

NAME: from the locality.

PHYSICAL PROPERTIES

Color: silver gray, slowly tarnishing black; streak: lead gray; luster: metallic; massive, homogeneous under the microscope; sp. gr. = 6.14; H. = 2.5.

CHEMICAL PROPERTIES

Compn.: Cu_4AgS . Analysis gave: Cu 60.58, Ag 27.54, Fe 1.55, S 9.65%.

OCCURRENCE

At the Cocinera mine, Ramos, San Luis Potosi, Mexico; in the oxidized zone, at a depth of 330 meters, associated with copper, silver, malachite, azurite, cuprite and melaconite.

S. G. G.