

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.