

A New Locality for Amethyst.—Mr. W. W. JEFFERIS announced that Amethysts, well crystallized, and of a rich purple color, had been found this spring, for the first time, in the northern part of Newlin Township, Chester County. They were brought to the surface by deep plowing, and were supposed to be derived from a vein of this mineral.

SEPTEMBER 22, 1879.

A New Corundum Locality.—Mr. W. W. JEFFERIS remarked that a vein of blue Corundum, similar to that found in North Carolina, was struck, on the south side of the Serpentine Ridge, in Newlin Township, Chester County, a short time since. The vein is well defined, being between walls of Culsageeite, in large plates of a yellowish green color. Over 500 lbs. of massive blue corundum has been taken out within ten feet of the surface.

The Minerals of Surry County, N. C.—Mr. H. C. LEWIS communicated the following list of minerals which he had found near Dobson, Surry Co., N. C., during a recent visit to that locality:—

Native sulphur, galena, pyrrhotite, pyrite, chalcopyrite, hematite, menaccanite, magnetite, limonite, hausmannite, psilomelane, wad, hornblende, actinolite, asbestos, garnet, talc, steatite, ripidolite, chlorite.

The psilomelane occurred in a bed about 18 feet in thickness.

The magnetite was frequently polar. Native sulphur occurred in cavities in quartzite as a coarse loose powder of rounded wax-like grains, and was the result of the decomposition of pyrite.

It was also stated that rutile occurred in Alexander Co., N. C.—a new locality.

Fossil (?) Casts in Sandstone.—Dr. J. M. CARDEZA exhibited specimens of quartz sandstone (Potsdam?) which he had found lying loose upon the soil at Dutton's Mills, Pa., in which were oblong rounded casts of sandstone, about an inch in length, and similar to one another in shape. It was questioned whether they might not be fossils.

On a Peculiar Stratification in Gneiss.—Mr. THEODORE D. RAND stated that while much of the porphyritic gneiss of the belt running southwest from the Falls of Schuylkill at the surface was in rounded boulder-like masses, which had been mistaken for trap, some of it presents at the surface a thin-bedded structure with, apparently, very distinct stratification. Recently the cut of the Pennsylvania Railroad through this belt, between Merion and Elm Stations, about a mile from the boundary of the City of Philadelphia, has been widened, and on the south side may be seen an interesting section. A mass of the gneiss, perhaps 15 feet across,



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