

1857.

ANSTED, D. T. On Some Remarkable Mineral Veins. 2. On some Copper lodes near Sykesville in Maryland.

Quart. Jour. Geol. Soc. London, vol. xiii, 1857, pp. 240-254.

Describes with sections the Springfield and Carroll mines, where the ore is first iron ore and then iron pyrites and lastly copper pyrites. Mentions deposit near Point of Rocks, which he believes to be the top of another copper pyrites body (pp. 242-245). Mine visited in 1854.

GENTH, FREDERICK A. Contributions to Mineralogy.

Amer. Jour. Sci., 2nd ser., vol. xxiii, 1857, pp. 415-427.

Pages 418-419. Descriptions of Carrolite, from Patapsco and Springfield (Carroll County) mines and of Siegenite from Mineral Hill, Md., with analyses and physical properties.

HALL, JAMES. Observations on the Cretaceous Strata of the United States with reference to the Relative Position of the Fossils collected by the Boundary Commission.

Amer. Jour. Sci., 2nd ser., vol. xxiv, 1857, pp. 72-86.

A comprehensive paper attempting a correlation of the Cretaceous of the Atlantic Coast, including New Jersey and Delaware, with that of the west and southwest. See also U. S. and Mexico Boundary Survey under Emory.

1858.

DIEFFENBACH, OTTO. Bemerkungen über den Kupferbergbau in den Vereinigten Staaten von Nord-Amerika.

Berg- und Hütt. Zeit, 1858, pp. 47-48, 66-68, 75-76 (not seen).

HIGGINS, JAMES. The Sixth Agricultural Report of James Higgins, State Chemist, to the House of Delegates of the State of Maryland. 8vo. 96 pp. Annapolis, 1858. With an appendix "On the Analysis of Soils" by Chas. Beckell. Order of House and Senate.

Md. Sen. Doc. [E]. Md. House Doc. [D].

Also State Chemist's Report, n. d. (1858), 8vo, 96, xxii pp.

Includes a very short account of the geology of Carroll County.

MARCOU, J. Geology of North America. 4to. Zurich, 1858.

A collection and republication of several papers, maps and figures dealing with American Geology.

ROGERS, H. D. The Geology of Pennsylvania. 2 vols. (vol. II in two parts) and maps. 4to. Phila. 1858.

This work contains frequent reference to the Maryland extension of formations studied in Pennsylvania, besides giving the typical sections, terms, fossils, etc.