

1814.

GILMOR, ROBT., JR. A Descriptive Catalogue of Minerals occurring in the vicinity of Baltimore, arranged according to the distribution méthodique of Haüy.

Bruce Min. Jour., vol. i, 1814, pp. 221-232.

Enumerates 43 minerals found within a range of 12 miles, "except in a few instances where the minerals were too interesting to pass unnoticed." Says Cathedral was built of granite from Falls of Patapsco about 10 miles out on the Frederick turnpike (p. 232).

1815.

MITCHILL, SAMUEL L. A detailed Narrative of the Earthquakes of 1811, 1812 and 1813 [abbreviated title]. (Read April 14 and May 12, 1814.)

Trans. Lit. and Phil. Soc. N. Y., vol. i, 1815, pp. 284-307.

Describes the phenomena as observed in Maryland, and suggests that the effects did not extend northeast of Maryland.

1816.

CLEAVELAND, PARKER. An elementary treatise on Mineralogy and Geology. 6 plates. 8vo. 668 pp. Boston, 1816.

Frequent reference to Maryland minerals.

1817.

MACLURE, WM. Observations on the Geology of the United States of America, with some remarks on the effect produced on the nature and fertility of soils by the decomposition of the different classes of rocks. With two plates. 12mo. Phila., 1817.

A classic work giving many references to the limits and character of the geological formations in Maryland. The text and map (120 m. to the inch) represent the Cretaceous extending southwest to the Susquehanna only. All land to the southeast of "Primitive" is "Alluvium" in Maryland. Pages 105-107 deal especially with Maryland.

1818.

MACLURE, WM. Observations on the Geology of the United States of America, with some remarks on the probable effect that may be produced by the decomposition of the different classes of Rocks on the nature and fertility of Soils. Two plates.

Republished in Trans. Amer. Phil. Soc., vol. i, n. s., 1818, pp. 1-91.

MITCHILL, SAMUEL L. Cuvier's Essay on the Theory of the Earth. To which are now added Observations on the Geology of North America. 8vo. 431 pp. Plates. New York, 1818.

Numerous local references especially about Harper's Ferry (339-344), Eastern Shore (393-394), Washington (395-397). The book contains three figures of an elephant's tooth from Maryland.