

1819.

CORNELIUS, ELIAS. On the Geology, Mineralogy, Scenery and Curiosities of Virginia, Tennessee and the Alabama and Mississippi Territories, etc., with miscellaneous remarks in a letter to the editor.

Amer. Jour. Sci., vol. i, 1819, pp. 214-226.

Refers to "Point of Rocks" breccia without mentioning exact locality.

HAYDEN, H. H. Red Pyroxene Augite. Extract of a letter to the editor from Dr. H. H. Hayden of Baltimore.

Amer. Jour. Sci., vol. i, 1819, p. 244.

This is an incidental reference in which no locality is given, and the description is insufficient to determine the true character of the mineral found.

1820.

HAYDEN, H. H. Geological Essays; or an Inquiry into some of the Geological Phenomena to be found in various parts of America and elsewhere. 8vo. pp. 412. Baltimore, 1820.

Cites Maryland localities, especially about Baltimore, in support of his theory. Cites the finding of numerous mastodon teeth in Maryland.

1821.

NUTTALL, THOMAS. Observations on the Geological Structure of the Valley of the Mississippi. (Read Dec., 1820.)

Jour. Acad. Nat. Sci. Phila., o. s. vol. ii, 1821, pp. 14-52.

Cites Annapolis as northern limit of the "second Calcareous formation," p. 35.

TROOST, G. Description of a variety of Amber and of a Fossil Substance supposed to be the nest of an Insect discovered at Cape Sable, Magothy River, Anne Arundel County, Maryland.

Amer. Jour. Sci., vol. iii, 1821, pp. 8-15.

Besides the descriptions are notes on the geological occurrence and associated minerals and fossils.

1822.

CLEAVELAND, PARKER. An elementary treatise on Mineralogy and Geology. 6 plates. 2nd Edit. in 2 vols. Boston, 1822.

Frequent references to Maryland minerals. Maclure's map is reproduced.

SEYBERT, HENRY. Analysis of the American Chromat of Iron.

Amer. Jour. Sci., vol. iv, 1822, pp. 321-323.

The sample analyzed was obtained from the Bare Hills, Baltimore County, Md.

STRUVE, BARON VON. Beiträge zur Mineralogie und Geologie des nordlichen Amerikas. 12mo. Hamburg, 1822.