

RUSSELL, I. C. On the former extent of the Triassic Formation of the Atlantic States.

Amer. Nat., vol. xiv, 1880, pp. 703-712.

The author concludes "that the Triassic rocks in the Atlantic states were formed in one estuary, in the northern end of which sandstone and shales were deposited, being subjected to a greater subsidence than the southern extremity, where the shores were low and favorable for the accumulation of carbonaceous mud and peat" (p. 711).

STEVENSON, J. J. Surface Geology of Southwest Pennsylvania and adjacent portions of West Virginia and Maryland. (Read Apr. 1879.)

Proc. Amer. Phil. Soc., vol. xviii, 1879, pp. 289-316.

A study of the terraces in Garrett and Allegany counties. The present physiography is considered due to the erosion which accompanied the submergence and emergence of Glacial time.

WYSONG, THOMAS TURNER. The Rocks of Deer Creek, Harford County, Maryland; Their Legends and History. Baltimore, 1880. Printed by A. J. Conlon.

The author devotes one page (86) to the chrome pits and two to the slate series (87-88). A popularly written account.

1881.

BROWN, T. Report of T. Brown, Inspector of Mines for Allegany and Garrett counties.

Md. House and Senate Doc., 1881, F.

FRAZER, P., JR. Some Copper Deposits of Carroll County, Maryland.

Trans. Amer. Inst. Min. Eng., vol. ix, 1881, pp. 33-40.

Maps and sections are given, also several analyses and an estimate of the amount of ore available. The deposits are situated near New Windsor. The workings are now abandoned and the shaft filled up.

HEILPRIN, ANGELO. On the Stratigraphical Evidence Afforded by the Tertiary Fossils of the Peninsula of Maryland.

Proc. Acad. Nat. Sci., Phila., vol. xxxii, 1880, pp. 20-33.

Holds that the Medial Tertiary is not synchronous with the South Carolina deposits (Conrad), and that deposits intermediate between the Eocene of Fort Washington and the Pliocene of the southeast extremity of the peninsula belong to two different periods of formation; the later belonging to the Miocene, the older to the Oligocene.

JOHNSON, GEORGE. History of Cecil County, Maryland. 8vo. 548 pp. I-XII. map. Elkton, 1881.

Contains data indicating the gradual recognition and utilization of the natural resources of the area.

LEIDY, JOSEPH. Description of Vertebrate remains chiefly from the Phosphate beds of South Carolina.

Jour. Acad. Nat. Sci., Phila., 2nd ser., vol. viii, 1881, pp. 209-261.

Gives *Mylobates gigas*, *M. pachyodon* and *Aetobatis arcuatus* from Charles county, Md., pp. 241-243, 245.