

Relations and origin of the iron ores in the so-called damourite slates associated with the Auroral limestones of Pennsylvania. Conclusions equally applicable to Maryland and Virginia. "Brown hematites were probably formed by the oxidation of iron pyrites, but the former are not in the same place that the latter were" (p. 415). Discussion by T. Sterry Hunt (pp. 417-421) and Persifor Frazer (pp. 421-422). The latter agrees in general with the author, but takes exception to his view that the ore is "from pyrite disseminated in the overlying limestones."

SULLIVANT, J. [Letter to Professor Christopher Johnston on Bermuda Tripoli in Maryland.]

Proc. Boston Soc. Nat. Hist., vol. xvii, 1875, pp. 422-423.

TONER, JOSEPH M. Contributions to the Medical History and Physical Geography of Maryland.

Trans. Med. and Chirurgical Faculty of Md., Baltimore, 1875.

Associates vital statistics with topography and gives thirteen topographic sections of different parts of the state.

1876.

FONTAINE, WM. M. The Conglomerate Series of West Virginia.

Amer. Jour. Sci., 3rd ser., vol. xi, 1876, pp. 276-284, 374-384.

In a foot-note there is a reference to Mr. Tyson's section of the Cumberland Basin, with inferences therefrom, p. 375.

FRAZER, PERSIFOR, JR. Origin of the Lower Silurian limonites of York and Adams Counties. (Read Mar. 19, 1875.)

Proc. Amer. Phil. Soc., vol. xiv, 1876, pp. 364-369.

Believes the limonite originated from pyrite, the action possibly being aided by the pressure of limestones.

HACHEWELDER, JOHN (W. C. Reichel, editor). Names which the Lenni Lennapi or Delaware Indians gave to Rivers, Streams and Localities within the states of Penn., New Jersey, Maryland and Virginia, with their signification. Nazareth, 1872.

Trans. Moravian Hist. Soc., vol. i, Nazareth, 1876, pp. 225-282.

Originally published 1834, Trans. Amer. Phil. Soc. (title spelled differently).

Gives the derivation and signification of some 25 local names, especially those of rivers.

HUNT, T. STERRY. Geology of Eastern Pennsylvania.

Proc. Amer. Assoc. Adv. Sci., vol. xxv, 1876, pp. 208-212.

Considers the Blue Ridge in Maryland to be Montalban and Huronian with no Laurentian.

1877.

ANON. Assessed Valuation of Coal and Mining Corporations in Allegany County, Maryland.

Eng. and Min. Jour., vol. xxiii, 1877, pp. 242.

Valuation of Maryland coal companies for 1866 and 1876 taken from the Cumberland Alleghanian of April 3, 1877.