

HARDEN, J. W. The Brown Hematite Ore Deposits of South Mountain. (Read August, 1871.)

Trans. Amer. Inst. Min. Eng., vol. i, 1871, pp. 136-144.

Eng. and Min. Jour., vol. xii, pp. 386-387, and vol. xiii, 1871-72, p. 10, 1873, pp. 136-144.

Economic account of the Clinton ores occurring in the portion of South Mountain adjacent to Maryland.

HUNT, T. S. Geognosy of the Appalachians and the Origin of Crystalline Rocks.

Amer. Nat., vol. v, 1871, pp. 451-509.

Proc. Amer. Assoc. Adv. Sci., vol. xx, 1871, pp. 135-159.

(Abst.) Amer. Jour. Sci., 3rd ser., vol. ii, 1871, pp. 205-207.

Discussion of the crystalline rocks of the Appalachian belt. General references to Maryland.

SHALER, N. S. On the Causes which have led to the Production of Cape Hatteras.

Proc. Boston Soc. Nat. Hist., vol. xiv, 1871, pp. 110-121.

Many of the conditions are related as to the state of the Chesapeake and of Maryland in late geologic time.

——— Some Physical Features of the Appalachian System and the Atlantic Coast of the U. S., especially near Cape Hatteras. (Read Feb. 1, 1871.)

Amer. Nat., vol. v, 1871, pp. 178-183.

The origin of Delaware and Chesapeake Bays attributed to erosion by glacial ice streams.

TYSON, P. T. Section of Cumberland Coal Basin.

Proc. Amer. Phil. Soc., vol. ix, 1871, pp. 9-13.

Gives a section from gray limestone of xl (Dug Hill near Lonaconing) of 2050 feet or from Devonian to 2000 feet above "Main Coal Seam."

1872.

AYDELOTT, W. J. Report of Eastern shore boundary between Maryland and Virginia.

Md. Senate Jour., Sen. and House Doc., 1872 [G], 11 pp.

Gives account of running the lines, etc.

HITCHCOCK, C. H. Description of the Geological Map.

Ninth Census, vol. iii, Washington, 1872, pp. 754-756.

Gives authorities (Tyson for Maryland) and some statistics on the area.

HUNT, T. STERRY. Presidential Address. The Geognosy of the Appalachian System.

Proc. Amer. Assoc. Adv. Sci., vol. xx, 1872, pp. 1-35.

This is a general paper dealing more particularly with New York and New England, with only incidental remarks on Maryland.