

DUCATEL, JULIUS T. [Physical History of Maryland.]

Proc. Amer. Phil. Soc., vol. iii, 1843, pp. 157-158.

Abstract of a paper presented before the Society, dealing with the physical features, geology, resources, etc.

NICOLLET, J. N. Observations of the Magnetic Dip, made in the United States in 1841. (Read Sept. 16, 1842.)

Trans. Amer. Phil. Soc., vol. viii, 1843, pp. 315-326.

Magnetic dip determined at several stations in Baltimore and Washington.

SILLIMAN, BENJ. Lecture VII. Coal, its Origin and Organic remains. Pittsburg, 1843.

Lectures on Geology delivered before the Wirt Institute and citizens of Pittsburgh in the Third Presbyterian Church.

The author on page 25 mentions fossil evidences near Cumberland of an abundance of marine plant life at epochs much earlier than the coal formation.

THOMSON, THOMAS. Notice of Some New Minerals.

Phil. Mag., 3rd ser., vol. xxii, 1843, p. 191.

Describes the hydrous magnesium silicate called Gymnite (Hintze) as "Baltimoreite," and gives an analysis.

1844,

ANON. Report of the Committee on Agriculture relative to the Application of Lime to the different Qualities of Soil and the use of calcareous Matter for agricultural Purposes. In obedience to an order of the House of the 27th of January.

Md. House of Delegates, Dec. Sess., 1843. Annapolis, 1844. 8vo, 15 pp.

B(AILEY), J. W. Account of some new Infusorial Forms discovered in the Fossil Infusoria from Petersburg, Va., and Piscataway, Md.

Amer. Jour. Sci., vol. xlvi, 1844, pp. 137-141, plate iii.

Describes some ten species and gives over thirty figures. There is appended to this paper an extract from a letter by Wm. B. Rogers, including notes on the Tertiary Infusorial formation of Maryland.

EHRENBERG, C. G. Ueber zwei neue Lager von Gebirgsmassen aus Infusorien als Meeres-Absatz in Nord Amerika und eine Vergleichung derselben mit den organischen Kreide-Gebilden in Europa und Afrika.

Bericht. k. p. akad. Wiss., Berlin, 1844, pp. 57-97.

(Rev.) Amer. Jour. Sci., vol. xlvi, 1845, pp. 201-204. J. W. Bailey.

Enumerates sixty-eight species from Piscataway, including the following new ones: *Asterolampra marylandica*, *Denticella tridentata*, *Dicladia cervus*, *Dictyocha tricantha*, *D. ubera*, *Discoplea americana*, *Lithobotrys quadriloba*, *Mesocena diodon*, *M. elliptica*, *Pyxidicula (?) actinoptychus*, *P. aculeata*, *P. gemmifera*, *P. hirsuta*, *P. limbata*, *P. oculus chamaeleontis*, *Rhaphoneis amphiceros*, *R. gemmifera*, *R. pretiosa*, *Rhizosolenia americana*, *Symbolophora trinates*, *Lithasteriscus tuberculosus*, *L. reniformis*.