

——— Description of the Fossil Shells which characterize the Atlantic Secondary Formation of New Jersey and Delaware; including four new species. (Read Dec. 11, 1827, Jan. 1, 1828.)

Jour. Acad. Nat. Sci. Phila., vol. vi, 1829, pp. 72-100. Plates iii-vi.

This paper is intended as a supplement to the Vanuxem-Morton paper, and while the individual forms described are not from Maryland, this is included because of its relation to the first paper and the fact that the forms here described are highly developed in Maryland. This folio was printed January, 1828.

VANUXEM, L., and MORTON, S. G. Geological Observations on Secondary, Tertiary, and Alluvial formations of the Atlantic coast of the United States arranged from the notes of Lardner Vanuxem. (Read Jan. 1828.)

Jour. Acad. Nat. Sci. Phila., vol. vi, 1829, pp. 59-71.

Reference to Maryland Tertiary formations and a number of fossils cited on pp. 67-68. Objects to Say's genus "Dispotea." This folio was printed January, 1828.

1829.

ANON. Third Annual Report of the President and Directors to the Stockholders of the B. & O. R. R. 8vo. 105 pp.

Map embracing various routes and profiles of the two principal routes surveyed for the B. & O. from Baltimore to Williamsport.

LIVERMORE & DEXTER. A collection of fossil earths, and minerals from the deep cut of the Delaware and Chesapeake Canal, with memoir and profile of geological strata developed in progress of work.

Proc. Amer. Phil. Soc., vol. xxii (2), 1884, p. 594.

Mentioned in Minutes Proc. Amer. Phil. Soc., 1743-1838.

1830.

ANON. Fourth Annual Report of the President and Directors to the Stockholders of the Baltimore and Ohio Railroad Company. 8vo. 153 pp. 1830.

Engineer's Report. Map [same as in 3rd Ann. Rept.].

ANON. Gold in Maryland.

Amer. Jour. Sci., vol. xvii, 1830, p. 202.

Brief note on its recent discovery. "It is known to exist in Virginia, and these localities, with those of North Carolina, appear to form a straight line parallel or nearly so, it is believed, with the Alleghany range. Quartz is abundant in the region about that (locality not given) discovered in Maryland, as is the case also in that of North Carolina."

BYRENS, DANIEL. Suggestions as to a union of effort to obtain a correct account of the variation of the magnetic needle.

Amer. Jour. Sci., vol. xviii, 1830, pp. 380-381.

Declination determined as ten to fifteen minutes west variation.