LEHIGH COUNTY

LEWIS, H. CARVILL. On supposed Glaciation in Pennsylvania, south of the Terminal Moraine.


Examines the evidence that has been brought forth by others to indicate an extension of the glacial ice sheet beyond the “Terminal Moraine” passing through Pen Argyll and Belvidere and concludes that it is not valid. Believes that all the so-called glacial till beyond this point in Lehigh and Northampton counties was laid down by glacial streams. Briefly describes the Bake Oven on Blue Mountain and concludes that it is not of glacial origin.

MATTHEWS, ALFRED and HUNGERFORD, AUDIN N. History of the Counties of Lehigh and Carbon in the Commonwealth of Pennsylvania.

808 pp., illustrated. Philadelphia, 1884.

Contains a chapter by E. V. d’Invilliers on the geology of Lehigh County with a geologic map (pp. 114-115). The iron ores and limestones are described briefly and several analyses given. In a history of the Friedensville zinc mines (pp. 439-444) Andrew R. Wittman is given credit for the discovery in 1845 and T. H. Roop for bringing attention to the deposit, which resulted in the formation of mining companies. A sketch with photograph of Dr. Martin H. Boye, a Cooperburg geologist, is also included (pp. 440-442). Descriptions include the great floods of 1841 and 1862 (pp. 130 and 237); the water works of Allentown and sources of supply (pp. 228-230), of Catasauqua (pp. 247-249); the furnaces and iron industry of Allentown (pp. 155-161); of Catasauqua (pp. 237-243); of Lower Macungie Township (pp. 328-329); the Bake Oven and Bear Rocks, two miles to the west (pp. 279). The derivations of many place names are given and the industries of different sections—mines, quarries, mills, etc. Iron ore of Upper Milford Township (pp. 345-346). Emus and Home furnace (pp. 391-392). Of Whitehall Township (pp. 501-505), ore mines of North Whitehall Township (pp. 522-523), Lehigh furnace of Washington Township (553). The Coplay Cement Works and Lehigh Valley Portland Cement Co. are described (pp. 508-507), and slate quarries (pp. 532-541, 543-555, 559).

1885

ANONYMOUS. Friedensville Zinc Mines.


The zinc mines at Friedensville, operated by Osgood and Company, New York, have shut down. (Feb. 7, 1885.)

CHANCE, H. M. Brown Hematite Ore Mining.


An excellent description of methods employed in the mining of the limonite iron ores of the region, both by open cut and by shaft. The Zeigler mine located near the Berks-Lehigh county line is used as an illustration. A line drawing accompanies the article.

LESLEY, J. P. A geological hand atlas of the sixty-seven counties of Pennsylvania.


Contains a geological map of Lehigh and Northampton counties, 6 miles to the inch and a brief description (pp. XLVII-XLIX) of the geology and mineral resources of the county.

SMITH, EDGAR E. Mineralogical notes: Pectolite and Titannite.


Describes pectolite at Hosensack Station with analysis (p. 411), and titannite 2 miles from Hosensack Station (p. 412) with analysis.

1886

ANONYMOUS. Friedensville Zinc Mines.


Lehigh zinc spelter, Friedensville, has a world-wide reputation as the purest zinc in the world. It is the only zinc in the world that will not expand and make a cartridge stick in a gun while firing. Almost all European nations realized this and bought here, except England. The English have learned by bitter experience and have placed an order for zinc with the Bergenport Zinc Co.

MERRIAM, MANSFIELD, WELLS, J. H., and ROWLEY, H. W. Map of Bethlehem, South Bethlehem and West Bethlehem compiled from recent surveys by J. H. Wells, C. E., and H. W. Rowley, M. E., under the supervision of