Figures and describes fossils found in Pennsylvania. *Scolithus linearis* (pp. 944-945) and *Macurrea magna* (pp. 369-370) are described from Lehigh County.

MERRILL, GEORGE P. Among the Pennsylvania Slate Quarries.  
Describes some of the slate quarries especially those of Slatington, quarrying methods, character of slate, etc.

WRIGHT, G. FREDERICK. The Ice Age in North America.  
Fifth edition, 703 pp., Oberlin, 1911.  
In several places refers to glacial phenomena in Lehigh County, especially at the Lehigh Gap.

1890

ANONYMOUS. Friedensville Zinc Mines.  
The zinc mines at Friedensville are being actively worked (Nov. 5, 1890). The large pump, the "President" is again pumping after several years idleness. It has nearly drained the mine since the latter part of September. Mining to start when the mine is dry.

1891

In several places refers to the development of the peneplains of eastern Pennsylvania. Describes particularly the Cretaceous peneplain now preserved on the top of Blue Mountain, as well as the water gaps and wind gaps that cut through this ridge.

KIMBALL, JAMES P. Genesis of Iron Ores by Isomorphous and PseudomorphousReplacement of Limestone, etc.  
Am. Geologist, vol. 8, no. 6, pp. 332-376, Minneapolis, 1891.  
Observation by Prime at Balliets' ore bank near Allentown. Notes alteration of limestone to iron carbonate particle by particle, or, "a pseudomorph by replacement."

1892

64 pp., 1892.  
Describes advantages and accommodations for summer tourists in Coopersburg and Centre Valley.

DAVIS, WILLIAM MORRIS. On the drainage of the Pennsylvania Appalachians.  
Believes that "the present courses of the streams have a very specialized relation to the structures that they flow over" but that same may be antecedent and not consequent streams.

3 vols., 2638 pp., with atlas of maps, Harrisburg, 1892-1895.  
A general summary of information obtained during the progress of the Second Geological Survey of Pennsylvania. Many references to Lehigh County, especially the following: Archean (pp. 74-75), South Mountain (p. 144), iron mines (pp. 231-235, 254-255, 341-350, 450), Great Valley (pp. 270-280), Limestones (pp. 301-308), cement (pp. 337-340), zinc mine (pp. 436-443), slate (pp. 574-587, 604-609), Lehigh watergap (pp. 633-638, 674-675), argument against erosion interval at top of slate (Martinsburg) (pp. 710-711), no metallic wealth in North (Blue).