PRESTON, SAMUEL. Hypothesis on the formation of the Water Gap in a letter to the editor.


Believes that Kittatinny Mountain once formed a dam that held back water to form a large lake on the north side. "It appears that the dam must have been sunk into some very tremendous subterranean cavern, and to a depth that cannot be known or estimated."

"If any persons think my hypothesis erroneous, the Water Gap will not run away, they may go and examine for themselves."

THOMSON, THOMAS. Chemical Examination of some Minerals, Chiefly from America. With notes by John Torrey.


Gives an analysis of greenish-yellow precious serpentine from Easton.


A few general geographic descriptions along the route from Easton to Bethlehem to Lehigh Gap.

TANNER, H. S. Map of Northampton and Lehigh Counties, Pennsylvania, 1830.

18½"x21". Scale: 1 inch = 2½ miles. Hist. Soc. of Pa.

Includes what is now Carbon and Monroe Counties as well as the present Northampton and Lehigh Counties. A generalized map. Has some unusual spellings and a number of place names not in use now.

SILLIMAN, BENJAMIN. Notes on a journey from New Haven, Conn., to Mauch Chunk and other Anthracite regions of Pennsylvania.


Gives a description of the Lehigh River and particularly of the Lehigh Gap. Does not believe that the gap was mainly cut by the Lehigh River. Mentions the presence of serpentine, and fine crystals of mica and zircon near Easton.

GORDON, THOMAS F. A Gazetteer of the State of Pennsylvania.

Part First 63 pp., Part Second 508 pp., map, Philadelphia, 1832.

Contains a brief description of the Lehigh Valley principally abstracted from William Maclure's report (1818). A short description of each of the named geographic features of Northampton County. Curious and erroneous explanations of the phenomena at Delaware Water Gap.

FINCH, I. Travels in the United States of America and Canada, etc.

455 pp., London, 1833.

"A variety of minerals are found near Easton; the rocks consist of sienite, serpentine, and limestone. In one place, the roads are repaired with talc, and some stone walls which divide the fields are made of large masses of fibrous and glassy tremolite, talc and steatite. A quarry of the latter mineral has been opened... I went to collect minerals, two miles from the town... We found green and white sahiltse, augite, scapolite, tourmaline, jade, saussurite, and zircon." (p. 103.) Mentions the water gaps, Wind Gap, flat top of Blue Mountain and other topographic features. Calls the sandstones of Blue Mountain "old red sandstone" (p. 110). Contains a poem praising the beauties of Easton and its environs. (pp. 101-102.)