Wind Gap (Die Wind Kaft) (pp. 25-26), Vint Gap (p. 75), Little Gap (Die Kleine Kaft), Delaware Water Gap (pp. 26-29), and the Lehigh Water Gap (pp. 113-115); and suggests strange explanations for their origin. The Delaware River (pp. 29-30), the Lehigh River (pp. 111-118) and great floods of the Lehigh and Delaware in November 1840 and January 1841 (pp. 58-58, 84); water supplies, Easton (p. 53), Bethlehem (p. 83), Nazareth Spring (p. 78); roofing slate (pp. 59, 64, 75), iron ores (pp. 69, 71).

1850

**Anonymous.** Map of Easton and South Easton.
14” x 21”. No date (probably about 1850). No scale.
Shows locks of canal and dam at mouth of Lehigh River.

**Henry, M. S.** Map of Northampton County, Pennsylvania.
28” x 35”. Scale: 1 inch = ¾ mile. In color.
Locates 122 mills most of which are sawmills and grist mills. Some are oil mills, some fulling mills and some clover mills. Twenty-two distilleries are located, nine tanneries. Iron ore mines and taverns are shown. States that first furnace for smelting iron in the county was built in 1825.

**Sidney, J. C.** Plan of the Township of Bethlehem, Northampton Co., Penna.
Surveyed by J. C. Sidney, C. E., 1850. Published by Richard Clark, Phila.
23” x 31”. Scale: 4½ inches = 1 mile.
Locates towns, streams, limekilns, mills and names of farm owners.

1854

Describes crystallography of mica from Easton.

1855

**Genth, Frederick A.** Contributions to Mineralogy.
Allanite from Bethlehem, analysis (p. 21).

In margin of map are views of the Pennsylvania and Lehigh Zinc Works, Upper (Clypeus) Island, and first house in Bethlehem.
Map shows Dr. Oppelt’s Hydropathic Institute (five buildings, where St. Luke’s Hospital is now situated). The large spring of Upper (Clypeus) Island is located along eastern shore.

**Scott, J. D., Publisher.** Map of Easton and twelve miles around. Philadelphia, 1855.
44” x 50”. Scale: 1.55 inches = 1 mile. Philadelphia Public Library.
Shows geographic features and names of property owners.

**Smith, Sanderson.** On some new localities of Minerals.
Crystallized serpentine north of Easton at the nephrite locality.

1857

**Roberts, Solomon W., Chief Engineer.** Map Showing the Route of the North Pennsylvania Rail Road from Philadelphia to Bethlehem with its Branches to Doylestown and Freemansburg and its connections with the Lehigh Valley Rail Road. January 1857. Road opened to the Lehigh River Jan. 1, 1857.
24” x 48”. Scale: 1 inch = 2½ miles. Hist. Soc. of Pa.
A generalized map.