

Brief description of the underground circulation in the limestones underlying Jones, Duplin, and Onslow counties, and the occurrence of sinks and limestone springs in the counties noted (pp. 12-13). Analyses of several well and spring waters are given (pp. 306-311).

LAWSON, JOHN—*A New Voyage to Carolina*: containing the exact description and natural history of that country, together with the Present State thereof and a Journal of a Thousand Miles Travel'd through several Nations of Indians. Giving a particular account of their customs, manners, etc. London, 1709.

Describes wood encountered at a depth of 26 feet in digging a well. Refers the burial of the wood to the "deluge" (pp. 169-170).

LUDLOW, J. L.—(*Municipal Water Supplies*) *Ninth Biennial Report of the North Carolina Board of Health, 1901-1902*. Raleigh, 1902; pp. 83-103.

Considerable data regarding public supplies in the Coastal Plain of North Carolina given.

MCCARTHY, GERALD—*Ground and Deep Waters of North Carolina*. Bulletin of North Carolina Board of Health, Vol. 22, No. 1, April, 1907, pp. 1-14, 6 figs.

Artesian conditions in the Coastal Plain described. Several analyses of Coastal Plain well waters given.

MCCARTHY, GERALD—*The Purification of Public Water Supplies*. Pamphlet, 8 pp., 1907.

Gives the standard of quality used by the North Carolina State Laboratory of Hygiene. Compares the death rate from typhoid fever in towns classified according to kinds of water supply. Discusses methods of purifying and filtering water.

MCCARTHY, GERALD—*Report of Biologist; Tenth Report, North Carolina Board of Health*, pp. 31-34.

States that five water companies in the State obtain their supply from deep wells, and urges the general abandonment of shallow wells for deep wells.

MITCHELL, ELISHA—*Report on the Geology of North Carolina*, conducted under the direction of the Board of Agriculture. Part 3, Nov., 1827, 27 pp.

Source of Lumber River in sandhill springs noted (p. 9). Natural well in Duplin County described (p. 13). Section of boring at Edenton, N. C., given (p. 13).

MITCHELL, ELISHA—*On the Character and Origin of the Low Country of North Carolina*. Amer. Jour. Sci., 1st ser., vol. 13, 1828, pp. 336-347.

Describes the natural well in Duplin County (p. 339).

NEWELL, F. H.—*Report of Progress of the Division of Hydrography for the Calendar Year 1895*. Bull. U. S. Geol. Survey, No. 140, 1896, 356 pp.

Mentions the springs of the sandhill region of North Carolina (p. 65).

NEWELL, F. H.—*Report of Progress of Stream Measurements for the Calendar Year 1902*. Part II, southern Atlantic, eastern Gulf, and Great Lakes drainage. Water-supply and Irrigation Paper, No. 83, U. S. Geol. Survey, 1893, 304 pp.

Discusses the storage of water and possible loss by subterranean flow from sand belt of the Cape Fear basin, N. C. (pp. 30, 60).