

WHITNEY, MILTON. The Soils of Maryland.

Md. Agri. Exper. Sta., Bull. No. 21, College Park, 1893, 58 pp., map.

General discussion of Maryland soil, its types, texture, and absorption properties.

——— Agriculture and Live Stock [of Maryland].

Maryland, its Resources, Industries and Institutions. Baltimore, 1893, pp. 154-217.

Gives many interesting facts on the soils of the state; their distribution, formation and crops, pp. 181-211.

——— Soils of Maryland.

Monthly Rept. Md. State Weather Service, vol. iii, 1893, pp. 15-22, map.

Includes many mechanical analyses of soil. Map shows soil distribution.

——— Some Physical Properties of Soils in their Relation to Moisture and Crop Distribution.

U. S. Dept. Agri., Weather Bureau, Bull. No. 4, Washington, 1893.

Uses many Maryland soils as illustrations.

WILLIAMS, G. H. [The Appalachian Region and the Itinerary from Washington, D. C., to Cumberland, Maryland.]

Geological Guidebook of the Rocky Mt. Excursion, *Compte Rendu de la 5me Ses. Congrès Geol. Internat.*, Washington, 1893, pp. 268-279.

House Misc. Doc., 53rd Cong., 2nd sess., vol. xiii, No. 107, pp. 268-279.

Summary of the local geology along the route.

——— On the use of the terms Poikilitic and Micropoikilitic in Petrography.

Jour. Geol., vol. i, 1893, pp. 176-179.

On p. 179 the author refers to the micropoikilitic texture in acid lavas of South Mt., Pa., and Maryland.

——— Maps of the territory included within the state of Maryland, especially the vicinity of Baltimore.

Johns Hopkins Univ. Cir. No. 103, vol. xii, 1893, pp. 37-44.

Enumeration of maps made by early explorers, boundary commissioners, state, U. S. Coast and Geodetic Survey, private parties; also topographic and geologic maps and models prepared by U. S. G. S. and J. H. U.

——— Mines and Minerals [of Maryland].

Maryland, its Resources, Industries and Institutions, Baltimore, 1893, pp. 89-153.

Discussion, with statistics of the mineral resources of the state.

WILLIAMS, G. H., and CLARK, W. B. Geology [of Maryland].

Maryland, its Resources, Industries and Institutions, Baltimore, 1893, pp. 55-89.

A general summary of the geology of Maryland with many illustrations and local references.