WRIGHT, G. FREDERICK. Extra-Morainic Drift in the Susquehanna, Lehigh and Delaware Valleys.


Inclined to believe "that the lower part of the Lehigh was specially clogged with ice, so as to increase the floods for some distance up toward the gap, but the line did not pass over South Mountain" during the Ice Age. Discusses evidence of glaciation in the Lehigh Valley beyond the terminal moraine. Does not believe there was an earlier ice sheet than the one responsible for the Terminal Moraine near Pen Arty, Northampton County.

1894

MERRIMAN, MANSFIELD. The Strength and Weathering Qualities of Roofing Slates (with discussion by George P. Merrill, F. Lynwood Garrison and E. H. S. Bailey).


Further physical tests on slate including some references to Northampton County slates. A partial chemical analysis is given.

PEKROSE, R. A. F., JR. The Superficial Alteration of Ore Deposits.


Brief mention (pp. 304) of iron deposits in the Cambrian, Lower Silurian, and Carboniferous rocks of the Appalachian Valley. Many can be shown to be due to superficial replacement of limestones, or even of shales.


50"x55". Scale 1 inch = 200 rods.

Locates areas of slate quarries and occasional limestone quarries.

WILLIAMS, EDWARD II, JR. Extramorainic Drift between the Delaware and Schuylkill.


Preseents evidence in support of the view that "as far as eastern Pennsylvania is concerned, the extra-moraine fringe is of extremely recent origin and, as it antedates the formation of the great moraine, all glacial deposits in this region are of extreme recency."

1895


Flint Hill is described as "formerly supposed to be made up of New Red rocks ... but it seems rather to consist of the quartzitic early Paleozoic and sandrock called Chlilea (Hardyton of present classification) Sandstone, or No. 1, which is here more or less reddish and covers the ground with a reddish hard gritty sand similar in color but different in character from the New Red materials" (p. 2602). This idea is no longer held.

WILLIAMS, EDWARD H., JR. Notes on the Southern Ice Limit in Eastern Pennsylvania.


Describes briefly glacial deposits of the Lehigh Valley and gives map showing their extent.