Glacial Phenomena between Lake Champlain, Lake George and Hudson River: G. P. Wright

Gifts on the Early Segregation of Fresh-water Types: 678

Dry Dredging in the Mississippi Sea: Charles Schuchert

Antidromic Problems: G. Macloskie

Typhoid Fever Disseminated through the Milk Supply: H. L. Russell

Eleventh International Congress of Americanists: George Bruce Halsted

Recent Investigations upon the Embryology and Pathology of the Teeth: H. F. O....

Current Notes on Physiography (XIX):—The Marginal Plain of China; River Valleys of the Himalayas; Origin of the Valley of the Rhone: W. M. Davis

Scientific Notes and News

University and Educational News

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The Journal of Geology

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GLACIAL PHENOMENA BETWEEN LAKE CHAMPLAIN, LAKE GEORGE AND HUDSON RIVER.*

The area between the south ends of Lakes Champlain and George and the Hudson River presents many very interesting glacial phenomena. The watershed between the basins of the St. Lawrence and the Hudson pursues a very remarkable course. Halfway Brook, a tributary to Wood Creek, which enters Lake Champlain at Whitehall, rises within the limits of the city of Glens Falls, upon the Hudson, and not more than a quarter of a mile from the Hudson. The brook occupies a broad, deserted river channel about one-half mile wide, leading through deep deposits of sand and gravel. The elevation of the gravel margins above the sea at Glens Falls is 343 feet; that of this deserted river channel is from fifty to seventy-five feet lower. A dam of twenty-five or thirty feet just above Glens Falls would turn the Hudson River through this old channel by way of Halfway Brook and make it a tributary to the St. Lawrence.

* A paper read before Section E, at the meeting of the A. A. A. S., at Springfield, Mass., August, 1895.