

# SCIENCE

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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. Half-way 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 Half-way 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.

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