HISTORY OF CURRIES MOUNTAIN.

TIME OF ERUPTION.—From the facts above stated it is easy to determine the time of overflow of the Curries Mountain lavas. Resting upon the red sediments of the Lower Carboniferous system they could not have reached the surface until near the close of the Lower Carboniferous period, or altogether subsequently; while, covered as they are by the lowest beds of the Coal-period, they must have antedated the latter. The time of cruption was between the two.

CONTEMPORANEOUS NEW BRUNSWICK VOLCANOES.-New Brunswick has been the seat of volcanic activity at many periods during its history both before and since that of which Curries Mountain is a monument. Volcanic products are a very marked feature of the so-called Huronian age, and in parts of St. John and Kings counties, as about Loch Lomond, Kingston and the Nerepis region, cover large areas. They recur again in the Silurian, represented by many of the finer hills about the Bay des Chaleurs, Passamaquoddy Bay and the eminences, such as Mount Teneriffe, Mount Wightman, Sagaook Mountain, etc., at the sources of the Tobique and Nepisiquit; and in comparatively recent times there were the outflows now so conspicuously represented in the Bay of Fundy trough by Grand Manan and the North Mountains of Nova Scotia; but the Lower Carboniferous period is also remarkable for the extent to which volcanic operations were then carried on. One evidence of this is not very far removed from the locality which forms the subject of this paper. Upon what is known as the Royal Road, which runs in the rear or to the east of Curries Mountain at a distance of about five or six miles, is a conspicuous bluff known as McLeod's Hill. Like the bluff at the ravine described above, and like most of the beds of volcanic origin of the Lower Carboniferous system, it presents upon one side a bold front, perpendicular towards the top but covered below with broken fragments, while in the opposite direction it slopes off more gradually and is mostly covered by superficial deposits. This

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