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GLACIATION OF EASTERN CANADA.

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The investigations hitherto made in regard to the glaciation of Eastern Canada show that, instead of its having been caused by a continental ice-sheet moving over the region from north to south, as has been supposed, local glaciers upon the higher grounds, and icebergs or floating ice striating the lower coastal and estuarine tracts, during a period of submergence, were agents sufficiently powerful to produce all the phenomena observed. The latter theory, with some modifications, is the one so long maintained by Sir William Dawson, who has studied the glaciation of this country for forty years or more.¹ A number of other observers have, of late years, been at work, however, and Sir William's views are now, it would seem, about to receive abundant confirmation. The large

¹ *Acadian Geology*, 2nd and 3rd eds., Chap. on Post-Pliocene; Notes on the Post-Pliocene Geology of Canada, *Canadian Naturalist*, 1872; *Geological Magazine*, March, 1883, and numerous addresses and papers in *Canadian Naturalist*, &c.