

ice jam, I beg leave to amend—would account satisfactorily for the absence of marine fossils in the lake region.

It would not alter the fact of the flooding of the lake region in the period of the leda clays, the same as if such ice dam had not had any existence. If such ice dam existed, it was toward the close of the flood period, and only after the clays I have described had been laid down along the old river valleys, and over all the lower places.

In regard to the shore lines and terraces of the huge shallow St. Lawrence sea or lake which united the four Canadian lakes during the pleistocene epoch, on the sides toward Hudson Bay and Winnipeg Lake respectively, where ice dams also would appear to have been necessary to exclude salt water, Dr. Bell and Mr. Lawson, who have worked in those regions, Dr. Dawson who has studied the country beyond, and others will probably be able to contribute many more interesting facts, the mere statement of which may carry their own explanation with them