THE

CANADIAN RECORD

OF SCIENCE.

VOL. IV.	APRIL, 1890.	1	NO. 2.

Some Temperatures in the Great Lakes and St. Lawrence.

By A. T. DRUMMOND.

The equalizing influence exerted by great and deep bodies of water upon the climate of the surrounding land is well known. Apart from this general result, the temperature of the water has also a direct effect. On the banks of the Lower St. Lawrence these two effects are well illustrated. Where the cold Labrador current, trending inward from the Straits of Belle Isle, skirts the north shore of the estuary, the little semi-arctic plants are more numerous than on the south shore, where the same current returning outwards carries with it the milder waters which have descended from the Great Lakes and the St. Lawrence. Lake Superior, around whose jutting headlands dwell semi-arctic and northern plants, and west of whose coasts many of the familiar forest trees of Or tario and Quebec do not range, affords another illustration.

The vast area and depth of the St. Lawrence Great Lakes, the different latitudes in which they lie, and their relations to each other, taken in connection with the extremes of heat and cold of the Canadian seasons, combine to give an interest to the temperature of the waters of these inland

7