

THE
CANADIAN NATURALIST

AND

Quarterly Journal of Science.

ON THE SURFACE GEOLOGY OF THE BAIE DE
CHALEUR REGION.

BY ROBERT CHALMERS,

(Read before the Natural History Society of New Brunswick, Feby. 7th, 1882.)

In a paper which I had the honor to read before this Society in March, 1881, on "The Glacial Phenomena of the Baie de Chaleur Region,"* I described the glaciation of that district, so far as it came under my notice, and also treated of the distribution of the till or glacial drift and the kame deposits within the same area. I now purpose bringing before you some facts relating to the stratified marine clays and sands which form a series of deposits skirting that body of water and the estuaries connected with it, and shall also refer briefly to the recent formations and the evidences of a subsidence of the land in the northeru part of the Province. But first I shall advert to some additional observations made during the past summer on drift phenomena, chiefly in the district referred to, as tending to confirm the conclusions arrived at in my previous paper, and shall note the localities where striæ, till, etc., were met with for the first time.

GLACIAL STRIÆ.

On McPherson's farm, Charlo River, ledges of trap rock were seen, finely striated and rounded on the west side; direction of striæ east and west, referring them to the true meridian to which all the bearings given in this paper are reduced.

* Canadian Naturalist, Montreal, Vol. X., No. 1.