

Natural
fertilizers in
southern
counties.

The natural fertilizers are lime, manufactured near St. John, in several places, from Laurentian limestone, and marl, found in some of the shallow lake-bottoms, notably at Lawlor's Lake.

Flora.

The flora presents no marked contrast to that of the interior of the province, except that a few arctic or sub-arctic forms seem to find a more congenial habitat there than in the interior, owing, doubtless, to the chilling influence of the arctic current which here prevails along the coast, and to the fogs which prevail in the Bay of Fundy, causing a lower summer temperature. This area is now almost wholly denuded of its timber, and the forests everywhere are but thin and straggling.

MATERIALS OF ECONOMIC IMPORTANCE FOUND IN THE SURFACE DEPOSITS.

Bog iron ore.

Bog iron ore (limonite) is of frequent occurrence in the alluvium overlying the Carboniferous rocks, more especially in the vicinity of the St. John River, the beds sometimes attaining a thickness of two or three feet.

Wad.

Wad, or bog manganese, is found at Queensbury, York county, in one or two places in Sunbury county. It likewise occurs on the north branch of the South-West Miramichi, 12½ miles above the forks, in the river's bank.

Tripolite.

Infusorial earth (tripolite) is found at Fitzgerald Lake, St. John county. The Lake has been drained dry by the St. John Water Company, exposing a considerable bed of earthy tripolite. It also occurs at Pollet River Lake, Mechanics' Settlement, King's county. (Analysis by Mr. Hoffmann, Report of Progress, 1878-79, p. 5 H.)

Marl.

Marl is met with at Lawlor's Lake, St. John county; also at Bellefleur and River Charlo in the Baie des Chaleurs district. (Report of Progress, 1879-80, p. 42 D.) Its occurrence may be looked for in the low lakes in limestone districts in other parts of the province.

Brick clay.

Brick clay occurs in a number of places both in marine and freshwater beds. Leda clay is manufactured into brick at Campbellton, Restigouche, Bathurst, Newcastle, Moncton and St. John, while a clay apparently of fluvial origin, is wrought for similar purposes at Fredericton, Woodstock, Shiktechawk and elsewhere on the St. John River.