

"A few hundreds of good practical miners would do well, as the prospect now is that our gold mines next summer will afford a demand for such workmen.

"As a home for farmers of small means, and for half-pay officers and others with limited incomes, this country possesses great advantages. Education is free to the children of all classes. General taxation is not by any means as great as it is in England or Scotland. House rent in the country is moderate, and provisions of all kinds are cheap. It pays a farmer better in this country to raise beef or mutton for 3d. or 4d. per lb. than it does in England or Scotland at 6d."

## MARINE AND FISHERIES.

One of the great interests of the Dominion are its marine and fisheries, and with the inauguration of Confederation a separate department of the Government was created for them, with the Hon. Peter Mitchell for its first Minister.

The lighthouses and floating lights of the Dominion, on the 30th June, 1869, numbered 221, and four fog whistles or trumpets. The aggregate cost of their maintenance, including stores and salaries, and two Trinity Houses, for the fiscal year, at the date we have stated, was \$203,466.27. The whole amount expended for the year by the Department of Marine and Fisheries was \$369,409.77.

From Montreal to the lighthouse on St. Ignace Island in Lake Superior, a coast line of 1500 miles, there were 67 lights on June 30th, 1869, besides several harbour lights on the lakes, which are controlled and provided by the local authorities.

A new lighthouse has been erected on Sulphur Island, at the head of Georgian Bay, a short distance from the Bruce Mines, in the track of the steamers running to Sault Ste. Marie. The light is on the catoptric system, with four lamps and parabolic burners.

Two new lighthouses have been erected, one at the entrance of Byng Inlet, Georgian Bay, and one at Michaels Point, Manitoulin Island, Lake Huron; the applicants for these paid half the cost of erection.

Money was voted last session for the erection of a lighthouse at Lonely Island, Georgian Bay, lying directly in the track of vessels between Collingwood and Sault Ste. Marie, and one at Parry Sound, Georgian Bay.

The lighthouses at Georgian Bay and north channel of Lake Huron are at the following places, viz.: Nottawasaga Island, Christian Island, Griffith, Parry Sound, Byng Inlet, Isle of Coves, Lonely Island, Killarney (2 lights), Little Current (2 lights), Clapperton Island, and Sulphur Island, making, in all, 13 lighthouses on that route.

We further gather from the Report of the Minister, that of the 67 lights in Ontario, above the Lachine Canal, six of them are French dioptric lights, which were erected in 1859, on substantial stone towers, situated in Lake Huron and the Georgian Bay, viz.: Point Clarke, second order revolving, Chantry Island, second order, Isle of Coves, second order, Griffith Island, third order, Christian Island, fourth order, and Nottawasaga Island, second order, all of a superior and costly description.

The lighthouse on Snake Island, near Kingston, is also built of stone, shows a red light, has six lamps with parabolic reflectors on the catoptric system.

There are also good stone lighthouses, with lights on the catoptric system, at the mouth of the river Thames, Bois Blanc Island, Pelee Island, Mohawk Island (revolving), Gibraltar Point, Toronto, Gull Island, Presqu'Isle main light, Point Pelee (revolving), Outer Drake or False Ducks, and Simcoe Island.

All the other lighthouses in Ontario are built of wood, some of the river ones being of a small, inexpensive description.

The total cost of lighthouses in this division was \$42,306.69 for the year.

The Trinity House of Montreal cost \$12,549.25 for its own maintenance, and that of the lights and buoys on the river from Port Neuf to the limits of the Province of Quebec, a distance of 200 miles.

The Trinity House of Quebec has under its jurisdiction the navigation from Port Neuf, 38 miles above Quebec, to the Gulf of St. Lawrence and the Straits of Belle Isle. The total cost of maintenance was \$41,651.73 for the year.

The number of lights in this division is 23, of which 12 are sea lights of a high class. The light at Belle Isle is a French dioptric of the first class and that at Cap Rosier, a French catadioptric of the first class. These two lights are the highest class in the Dominion. The light at Point Amour, and that at the West Point of the Island of Anticosti, are of a high class of French lights of the catadioptric of the second order. All the other lights in the Gulf of St. Lawrence, under control of the Trinity House, are of the catoptric class.

Signal guns are fired at stated intervals, in foggy weather, at eight of the lighthouse stations in this division. The powder supplied in 1869 was 14,409 lbs.

On the Island of Anticosti are two provision depots for shipwrecked mariners, with a keeper at each. A supply of provisions for shipwrecked mariners is also kept at the lighthouse at Point des Monts, S.W., Point of Anticosti, West Point of Anticosti, East End Anticosti, and Belle Isle.

Money was voted at last session for steam fog-whistles at Red Island Reef. Another steam fog-whistle and a lighthouse in connection with it is also to be erected on the west point of Anticosti. These will be a great boon to the shipping interests.

The sum of \$82,000 was voted to enable the Government to construct and equip lighthouses at Cape Norman and Cape Ferrol, in the Straits of Belle Isle, on Bird Rock, Cape Ray, Deadman's Island, South Point of Anticosti, Seven Islands, Cape Magdalen, Cape Chatte, and a minor river light at Monte de Lac, below Quebec.

In New Brunswick the business of the Department is managed by an agent. The total cost of the coast service for lighthouses was for the year, \$23,893.

There are, we quote from the Minister's report, fourteen principal light stations in this district, including the beacon light in the St. John Harbour, and at one of the stations, viz.: Machias Seal Island, there are two lighthouses or towers, making 15 principal lights. In addition to these, there are six minor lights on the St. John River, two minor lights in Shediac Harbor, six beacon lights on