rivers emptying into Lake Ontario. Half a million of eggs were gathered and laid down last fall, and there is likely to be on them only a minute percentage of loss. Other establishments have been start d at Tadousac, Gaspé, Miramichi, and Resti gouche. A private establishment on the gouche. A private establishment of the Moisie River, north shore of the St. Lawrence, has been very successful, and the yield from the fishing been much increased. It is intended to bre-d extensively for Cauadian waters shad, alewives and bass, and to establish an extensive hatching house for white fish on the Detroit River The systematic enforcement of the Fishery Laws have had a most beneficial effect on both the in and and coast fisheries, both as to their condition and yield. The renting to their condition and yield. The renting of augling streams on the St. Lawrence produces increased protection on the rivers besides contributing to the revenue.

Very much valuable information regard-

ing the fauna of the Gulf and Lower St. Lawrence has been given by Mr. Whi eaves of the Natural History Society of Montrea, especial'y with regard to the oyster fisheries. Neglect, waste and excessive cupidity have almost destroyed the oyster beds of the eastern part of the Dominion. It is recommended that new beds should be planted in suitable places, leasing portions of the coast to individuals or companies who are desirous of practising ovster cul-ture. The excessive fishing on existing beds should be producted and a certain proport on of the beds set aside for rest and growth. Refuse of mills, &c, s ould be prohibited; very successful results have been obtained where oyster culture has been attempted in the Guif.

Special efforts are being made to restore the fisheries on the American shore of the great lake, and it is a necessity to assimilate as nearly as possible the local fishery regu-lations. The lo ster fishery is assuming commercial importance, especially in N. va Scotia and New Brunswick. In Nova Scotia there are 40, and in New Brunswick 24 factories engaged in canning lobsters, employing a considerable amount of labour and capital. Last year 21,000 tons of canned lobsters were exported to the United States markets, besides what was consided to other markets; about \$120,000 worth were disposed of fresh. Great care is necessary to economise and perpetuate the supply for A regulation on this subject this fishery. was adopted in July, 1873, which has led to remonstrances from various quarte s, but the result of all inquiry is that restrictions are indispensable to prevent the exhaustion of the fishery.

Four fishways on milldams were constructed in N va Scotia during 1873, 3 in New Brunswick, and 4 in Quebec. Various obstructions were removed and extensive

breeding grounds opened to fish.

The demand for fresh fish has very much increased, and additional fishery officers have been necessary to enforce the fishery law-in inland waters. Further protection is nece-sary to preserve the fish during the spawning season. On the completion of the Intercolonial Railway, an extensive market for fresh fish will likely be opened up by the Maritime Provinces.

Dominion Marine.

MARINE.

Lighthouses. - In the Onfario division there were in 1872-3, 90 lighthouses in operation, 4 light vessels maintained by the Government and one partly so maintained 30 keepers were paid by the Government. The lighthouse on Middle Island, Lake Erie, was exhibited first on the 17th Sept. 1872. It is a powerful red catoptric light. A powerful fixed white catoptric light on Corbay Point. Batchewana Bay, near the entrance of Lake Superior, was lighted first on the 1st of Oct. 1872. Another similar one at Point Porphyry, Lake Superior, was lighted 1st July, 1873. Two lighthouses were erected on McCripicoten Island. Lake Superior, and were lighted on 28th Government and one partly so maintained. Lake Superior, and were lighted on 28th August and 23rd September, 1874. lighthouse at Point aux Pins, en St. Ma'y's river, a few miles above Sault Ste. Marie, was lighted on tth September, 1873. On the 12th August 1873, a light was exhibited on the S.W. end of the Great Manitoulin Islan Lake Huron. It is a fixed white catopric, lake duron. It is a fixed white campled light, visible 15 miles. One of the same kind, visible 12 miles, at MacKenzie's Wharf, Owen Sound, Georgian Bay was first light d on the 11th July, 1873 Taestone tower at Windmili_Point, near Pres-

cott, has been purchased and fitted up as a lighthouse. The tower is 62 feet high, lighthouse. The tower is 62 feet high, and the light, a fixed white catoptric, can be seen 15 miles. It was first exhib ted on the 15th June, 1873. On the 3rd September another light of the same kind was first exhib ted at Hamilton's Island, 8 miles below Cornwall A few miles above this, at Stonehouse Point, another new lighthouse has been erected, and was fir-t ex-hib ted on July 20th. Three minor lighthouses were erected in the summer of 1873 on the Upper Otlaws, one on Morris Island, one on Campbell's Island and one at the one on Campbell's Island and the at the mouth of Deep River. On the 20th day of August was first put in operation the new lightnouse at Point aux Ang als, Uttawa River. A powerful fog bell was erected near Nine Mile Point, S. W. of Kinrston, and another at Michipicoten Island, Lake Superior. 21 buoys weise placed on Lake Simcoe and 11 in St. Joseph's Channel, Lake Superior. The t-tal cost for light-houses, &c., in this division, for the fiscal year 1872-73, was: for maintenance \$61,035.47; for construction \$18,999 38. Total Ontario Div sion \$80,035.85;

Trinity House, Montreal.—After the 1st July. 873 the manage ent of the lights in the River St. Lawrence, formedly held by

the River St. Lawrence, formerly held by