
SUMMARY OF TRANSACTIONS AT THE SEVERAL FISH-HATCHERIES
IN THE DOMINION, DURING THE YEAR 1879.

PROVINCE OF QUEBEC.

TADOUSSAC FISH-BREEDING ESTABLISHMENT.

On account of pressing duties elsewhere in selecting sites and erecting new buildings, the Tadoussac Nursery was not inspected by me last summer.

From correspondence received from Mr. Radford, the officer in charge, and from reports sent in by him to your Department, the following state of affairs is shown, namely:—

The building, ponds, apparatus^s, and all other appliances are in good practical working order.

From the increased supplies of salmon eggs obtained at this place, it is necessary that some improvements should be made to it, by enlarging the interior portion of the building (as there are capabilities for doing so) by which an additional number of hatching-troughs may be laid down. By this means space for three millions of eggs could be secured. The expense incurred in carrying out this desirable improvement would be very trifling, indeed, compared with the benefits that would result from it to the extensive fisheries of the Saguenay.

Upwards of a million of young salmon were hatched out here during last spring and planted in the following rivers, namely:—A'Mars, Jacques Cartier, Little Bic, Petites Isles, St. Margaret, N.W.; St. Margaret, N.E.; St. Anne, Petit Saguenay, L'Anse St. Jean, Tadoussac, L'Anse à l'Eau Bark, L'Anse à David, L'Anse à Cheval and in the fresh water Pond.

Two hundred and fifty parent salmon were captured here in the early part of the season and placed in the reception-pond, where they were safely kept until ripe for spawning. At this time five of these fish escaped, and by the overflow of one of the ponds ten were washed upon the rocks and died. The remaining two hundred and thirty-five were manipulated, yielding *one million eight hundred and ten thousand eggs*; one million five hundred thousand of these were deposited in the hatchery, and the balance planted in the A'Mars and St. Margaret Rivers. Nearly all the eggs in the hatchery are reported as showing signs of life.

The total number of salmon fry distributed from the	
Tadoussac Nursery, during the spring of 1879, was	1,210,000
Total number of salmon eggs laid down.....	1,500,000
Grand total of fry turned out since opening of hatchery	3,347,000

GASPÉ FISH-BREEDING ESTABLISHMENT.

Here the works gave evidence of very good success. The establishment is reported to be in a good state of repair, likewise the various kinds of machinery in connection with it.

The reception-pond up the Dartmouth River, since its enlargement, has answered every purpose, being sufficient for the accommodation and safe-keeping of parent salmon from May till October. Out of one hundred and twelve placed in it not one died. Sixteen salmon were put in the pond at the hatchery; four of these died, leaving the total number for spawning purposes, one hundred and twenty-four; of these ninety-one were females, from which were collected eight hundred and fifty thousand (850,000) eggs.

Fewer breeding-fish were secured last season than formerly, on account of extreme wet weather in June and July, with an apparently less run of salmon up the river.