

48.—WHITEFISH, LAKE-TROUT, AND BROOK-TROUT IN FRANCE.

[Extract from Proceedings of the Society of Acclimatization.*]

The manager of the piscicultural establishment of Bouzey writes to the agent-general: "I have the satisfaction to announce to you that the *Salmo namaycush* are magnificent and very vigorous. We have had no losses up to the present time, though the absorption of the yelk-sac will be complete in eight days. The eggs of *Coregonus albus* have turned out finely, and there are nearly as many alevins as there were eggs. Five thousand of them have been put in the lake of Girardins, 10,000 in the Bouzey reservoir, 4,000 in a special piscicultural basin well adapted to them, and 1,000 remain on the tables, which we will try to raise if it is possible. The eggs of *Salmo fontinalis* are beginning to hatch and promise a fine result."

Mr. Leon d'Halloy writes to the recording secretary: "I have received the eggs of *Salmo namaycush* and of *Coregonus* forwarded by the society. The *Coregonus* eggs have been hatched in the German apparatus which you caused to be sent to me. This apparatus has given excellent results; the eggs remain always very bright, and clean themselves very readily, as you told me would be the case. The alevins have been set free. Be particular to recommend to put the young of this species in deep water (of at least three meters), otherwise they will be lost at the age of six months; before that age they may be raised in water 50 centimeters deep. The *Salmo namaycush* are coming out well and the alevins are very vigorous.

"All my fish are doing finely. Some of my *Salmo fontinalis* (those which you saw) reproduced this year. The alevins are more vigorous than those from the eggs which I have received during the year from New York. I am satisfied with the Loch Levin trout. What made me judge ill of this species the first was that, as with the *Salmo fontinalis*, the journey of the eggs in ice causes the embryos produced to be less vigorous."

49.—CARP IN AN INSTALLMENT OF SHAD FROM JAMES RIVER.

By E. G. BLACKFORD.

[From a letter to Prof. S. F. Baird.]

A barrel of shad arrived to-day in our market that were caught in the James River, Virginia. Among them was one German carp, weighing $3\frac{1}{2}$ pounds.

NEW YORK, April 4, 1884.

* *Bulletin Mensuel de la Société Nationale d'Acclimatation de France*, Mars, 1883, pp. 186, 187.