

**18.—NOTE ON THE USE OF THE MALE SALMON HOOK AND THE RUN OF 1883.****By WILLIAM NEY A. HABERSHAM.**

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

Lying down on my stomach, on a rock in a pool where I sat and killed many salmon with a fly, I observed in July and August the male use his hook on the female, pressing her neck in his mouth, just as he does in spawning time, showing the use of it long before that period.

The run of salmon this year was very fair, and the fish more plump than I ever saw them before. When I had the pool to myself, I killed about half a ton a week. I remark this because, for several years back, there have been all kinds of predictions that the supply was disappearing, the Canadian often ascribing it to breeding houses, whereas it is well known to all the intelligent old Indians that their appearance and disappearance used to be the same in spearing time. Salmon flocked in crowds for two and three years consecutively and then disappeared in a similar way. This year the supply on the Restigouche main River was great, and very small on its branches, the Matapedia and Upsalquitch.

SAVANNAH, GA., *November 27, 1883.***19.—AMERICAN LAKE TROUT AND WHITEFISH IN FRANCE.****By MONSIEUR BANMEYER.**

[Extract from letter to the Society of Acclimatization.\*]

I have just visited the piscicultural establishments of Virelles and Chaulieu, and I have had the pleasure of ascertaining that the eggs of the omble-chevalier (*Salmo salvelinus*), which you had the kindness to send me, are all hatched. It is the same way with the *Coregonus albus* and with the *Salmo namaycush*, which came out equally well, and the young alevins are full of life. In regard to the eggs of trout from the lake of Garde sent recently, we are expecting them to hatch every day. We have lost scarcely 3 per cent. of these eggs. The most assiduous attention is given to these different species, and I am happy to communicate its good results. Everything leads to the expectation that the period of alevinage will be as prosperous as that of incubation.

\* Bulletin Mensuel de la Société Nationale d'Acclimatation de France. Mars, 1883. pp. 173, 174.