

ing two days to his instruction as to the care of the eggs. He was devoted and faithful in his attention, and although never having seen an egg hatched before, and laboring under many disadvantages—high temperature of water, &c.—he succeeded in saving 1,700 fish, which number, the second week in April, I placed in the pond of Dr. Fahnestock, near Walhalla, who had kindly tendered me the use of it until the necessary ponds can be constructed to keep them in. From these fish I hope to obtain a stock from which we will be able to supply the streams of the mountain section of our State, which are well adapted to the requirements of the California trout (*Salmo irideus*). In addition to this lot, in May I obtained 9,000 of the same trout from the Government, which were turned over to me by the United States messenger at Seneca, from which point I transported them in person a distance of 25 miles over the mountains by private conveyance, and planted them in fine condition (with the exception of 1,000 lost *en route* from Washington) in the Chatooga River, on the South Carolina and Georgia line.

79.—SHAD FISHING ON THE EDISTO RIVER.

By C. J. HUSKE,

Superintendent of Fish and Fisheries of South Carolina.

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

I have finished the season's work on Edisto River, having taken a total of 440,000 eggs, from which I released 334,000 fry, all in fine condition. This is less than one-half of last year's product; but still with the small plants I am able to make the fishermen say they are now taking fish that were planted by us. At least 1,000,000 eggs were lost by a deficiency of buck fish, which deficiency was caused by the large size mesh used by the gilliers. There is one seine beach on the river, which if I can fish myself, I am satisfied I can increase the take of eggs to 2,000,000 a season. This in a few years should make Edisto River a good station. This is my only hope. The cost of the season's work at present is about \$300.

In view of the small number of eggs that we can get in the State, we are compelled to fall back on the generosity of the Government Commission for our supply for other rivers. Will it be practicable for you to furnish me with the eggs, sent by express to Columbia, instead of the fry that South Carolina usually received? I see that you made successful shipments of shad eggs to North Carolina last season. If you can send me three or four hundred thousand a week, I can hatch them out here and plant them in Congaree River.

COLUMBIA, S. C., April 8, 1884.