

119.—REPORT UPON THE SHAD AND HERRING FISHERIES OF THE POTOMAC RIVER FOR 1884.

By GWYNN HARRIS.

[From a letter to Col. M. McDonald.]

SHAD.

Number of shad landed and inspected in Washington.....	231, 111
Number of shad landed at Alexandria, Va.....	74, 000
Number of shad landed at Georgetown.....	670
Number of shad shipped by steamer Corcoran*.....	19, 000
Number of shad shipped to Baltimore by steamer Sue.....	9, 200
Number of shad sold on the different shores and from trap-nets.....	13, 500
Total number.....	347, 481

HERRING.

Number of herring landed and inspected in Washington.....	5, 640, 812
Number of herring landed at Alexandria, Va.....	2, 998, 000
Number of herring landed at Georgetown.....	200, 000
Number of herring shipped to Baltimore by steamer Sue.....	58, 000
Number of herring sold on the different shores and from trap-nets.....	1, 400, 000
Total number.....	10, 296, 812

The first herring of the season was caught February 18th. The first shad was taken on March 3d.

The herring product shows an increase of 1,307,551 on the catch of 1883, while the shad figures indicate a decrease of 32,335 as compared with the figures of 1883. (See page 13 of present volume.)

120.—A NEW METHOD OF PROTECTING THE EGGS OF CARP AND REARING THE YOUNG.

By L. T. WHEELER.

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

I have now had three years and a half experience in the raising and hatching of German carp, and it may be that my experiments may be worth something to others, particularly in the South.

All still-water ponds should be as deep as possible so as to prevent stagnation and to insure a certain supply of water when the rainfall is alone to be depended upon.

As it is next to impossible to keep out native fish, I had to resort to partially artificial means to hatch and protect carp. I have adopted the following plan with eminent success:

About the 1st of May, having first procured a quantity of long sea-moss, I tie it in small bunches and lay it in shallow water near the bank,

*These figures were taken from the account furnished by the clerk of the steamer.