

thousands of shallow lakes and streams that this fish may do well in, while such fish as bass, pickerel, perch, and flesh-eating fish seek deeper and colder waters. Whitefish are caught varying in size from 3 to 6 pounds in lakes where they were planted four years ago. When bass and pickerel shall be got out carp and whitefish will become our standard fish. Eels, I think, will inhabit all our waters. I have opened hundreds of eels in Pennsylvania, but never found a fish in one of them or in a catfish, as I have in bass, pickerel, perch, and some other kinds. Hence fish that live on vegetable matter are the kind for us to propagate. I hope to see fish culture encouraged by national and State bounties. Michigan will ere long have fish to export to other States if properly encouraged.

NOTES ON THE GLOUCESTER FISHERY.

By S. J. MARTIN.

[Letter to Prof. S. F. Baird.]

The most of the netters have put their nets ashore. Could not get fish enough in them to make it pay. The fishermen that put their nets down in November have used them up. No fault with the nets. They don't get any fish, because there are no fish inshore. I think if one of the boats had gone out to Long Island it would have done well. There have been plenty of fish at Coney Island and Rockaway this winter. I think some nets would have done first-rate. They fish there with hand-lines, two men in a boat. They don't fish more than three miles from shore. There are plenty of herring this winter at Grand Manan and Newfoundland. Some vessels have made three trips this winter to Grand Manan, five vessels at Newfoundland, coming home full. Two have arrived with full cargoes. Herring are selling at 75 cents a hundred. The vessels are doing well on George's. The vessels get more halibut this winter than they have the past ten years. They fish on the eastern part of the bank in 40 fathoms water. They get as high as 8,000 pounds. In catching 20,000 pounds cod, that makes a good trip. There are six vessels getting ready to go to the western bank after codfish. It is early for vessels to go the western bank. What started them off so early? The haddock vessels (one of them was on the western part of western bank) found plenty of codfish; more cod than haddock. All kinds of fish bring a high price. Fresh halibut sold yesterday at 7 cents a pound; fresh cod, 3 cents a pound; haddock, 3½ cents a pound; salt cod out of the vessel, 3¼ cents a pound. Dried George's cod sold yesterday at \$5 75 a quintal. Everything looks prosperous for the coming year. The most of the old stock is out of the market.

GLOUCESTER, MASS., *January 22, 1882.*