272 BULLETIN OF THE UNITED STATES FISH COMMISSION.

shall be paid at the rate of not more than one hundred dollars, and only for the time of their actual service.

SEC. XXXVI. And be it enacted, That all acts and parts of acts, whether of the public general or public local laws, inconsistent with the provisions of this enactment, be and the same are hereby repealed.

SEC. XXXVII. And be it enacted, That no non-resident shall take any fish in any of the waters of this State, except by angling or with handline, and nothing in this act shall be so construed as to exempt any one from the operation of the several local laws of this State, where and to the extent that such local laws superadd to the requirements of this act.

SEC. XXXVIII. And be it enacted, That this act shall take effect from the time of its passage.

EELS (ANGUILLA ROSTRATA) IN NEW BEDFORD WATER PIPES-MACKEREL ABUNDANT IN AMHERST RIVER.

By WILLARD NYE, Jr.

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

I send by express several eels that came out of the water-supply pipes of this place. Now, it struck me that they might be the descendants of the salt-water eels that ran up the Amherst River and got caught there when the water-works dam was made, over ten years ago, and that they had taken what they thought the shortest way back to salt water. They were first noticed in the pipes soon after the nights began to be chilly, and the most trouble from them was in the lower part of the city near the salt water, where they took over thirty out of one pipe. The one in the jar that got stuck in a pipe shows how anxious they were to get along.

This year mackerel have struck into our rivers in great quantities, and they ran higher than I have ever seen them here before. There were three sizes, viz, about seven, ten, and a few fourteen inches long, and they must have been driven in here by some kind of fish, as a large per cent. of them showed marks of teeth on their sides, and they did not look like blue-fish bites. I thought it might be of interest, as there has never since I can remember been one-tenth as many mackerel in our rivers in any season, and when they were here they were of the small size.

NEW BEDFORD, MASS., October 27, 1882.