

come is well known. The *bacillus* of tuberculous is supposed to be communicable by the milk of the infected animal as well.

ZOOLOGY.

The Marine and Fishery Department of the Dominion is placing 200,000 salmon fry in the Nepisquit river.

Ben's Lake, near West River Station, I. C. R., Pictou Co., although only a few acres in extent, has a deposit containing a considerable amount of sponge spicules and diatoms.

Small siliceous biotules like those of the staloblasts of *Meyenia fluviatilis* have been found in the deposits forming in the Garden of Eden Lake, Pictou Co. This makes the fifth species of fresh water sponges detected in Nova Scotia.

Several lakes in Maine have been successfully stocked with black bass, from fish taken from New York.

The Belgian Government has sent to the German Fisheries Department for two hundred and fifty thousand young trout, and fifty thousand young salmon, for the Belgian rivers, and intends to continue their cultivation.—*Science*.

Some material from Lake Ainslie, 12 feet depth of water, was found to contain peaty matter, sand, spicules of sponges and a few diatoms. Material from the bottom of the deepest portion of the lake would be extremely interesting. It would contain less peat and sand probably, with a larger proportion of siliceous organic remains.

In the winter of 1878-9 a million and a half of cod were successfully hatched at Gloucester, Mass., and placed in the clearer waters of the outer harbor. Great numbers of the young fish of this species have since been caught both in the outer and inner harbor, and the results have proved so satisfactory that an appropriation was obtained from Congress to build the extensive hatching-houses

and basins now in course of erection at Wood's Hall, Mass., U. S. A.

The Oyster industry of the United States last year employed 52,805 persons, yielding 24,195,370 bushels, worth \$30,438,852. That of France in 1881 employed 29,431 persons, producing oysters valued at \$3,464,565. Great Britain yielded a product worth from \$10,000,000 to \$20,000,000. Canada produced about \$130,000 worth.

The Oyster is one of the cheapest article of diet in the United States to-day. In England an oyster is said to be worth as much as a new laid egg.

METEOROLOGY.

Saturday, 21st of June, was a squally day in Nova Scotia. Local thunder storms, sudden wind gusts and heavy hail storms pranced around the Province generally. In Halifax, Colchester, and Cumberland Counties much damage was reported from very large hailstones—in some places hundreds of panes of window glass being broken. We have seen no attempt at an accurate description of these hailstones. We therefore note an accurate description of hailstones which fell in Pictou on September 2d, 1879. The day turned suddenly so dark about an hour before mid-day, that the gas in the Pictou Academy was ordered to be lighted. Shortly after, from the inky clouds, accompanied with lightning, thunder and wind, fell great hailstones. They were generally discoidal in shape. One measured one and a quarter inches in largest diameter, by three eighths of an inch thick, nearly as circular as a coin and weighing nearly 100 grains. As many as seven concentric rings of clear and opaque ice could be counted in these stones. In the most, at least three or four such rings, varying from 1-16 to 1-4 of an inch in thickness were observed. These stones appear then to have fallen through various strata of air, at one time accumulating clear transparent ice, and at another time