

It is rare to find the blue, yellow, goggle-eyed, wall-eyed, or white pike (all the same fish, *Lucioperca*, only variations of the same species, the result of difference in their surroundings, neither does the difference in structure amount to anything more, and perhaps not as much) on the market averaging more than 1½ pounds from the upper lakes, perhaps 2 pounds, and all scarce at that, 10 to 14 cents a pound undressed. Twenty-five years ago you could buy a 15-pound fish for a quarter of a dollar, and pay a good price at that.

CLEVELAND, OHIO, *May 27, 1884.*

116.—SPAWNING IN GERMANY OF THE LARGE-MOUTHED BLACK BASS SENT FROM THE UNITED STATES IN 1882.

By MAX VON DEM BORNE.

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

You will recollect that you kindly sent to me, in the fall of 1882, by Mr. George Eckerdt, 7 large-mouthed and 75 small-mouthed black bass. In consequence of the long passage the greater part of the lot died, so that I had this spring 3 large-mouthed old fish, and 10 small-mouthed two-year-old bass.

To-day I had the satisfaction of finding that the three large fish had spawned, and the pond actually swarms with fry. I have caught with a small net more than 2,000 and have put them into another pond which is free from other fish.

I have no doubt that next spring the small-mouthed bass will spawn, and that the experiment will be successful.*

BERNEUCHEN, GERMANY, *June 15, 1884.*

117.—TRANSPORTATION OF CLAMS AND OYSTERS,

By R. E. C. STEARNS.

[From a letter to Richards & Harrison, San Francisco, Cal.]

In reply to your question as to the best method for transporting clams and oysters, I would say as to clams that they are in my opinion more difficult to handle than oysters, and further, that the abundance of several varieties of clams on the west coast of America, from and in Puget Sound south along the coast at many points to San Diego, would not warrant the experiment.

* Another effort was made this year to send black bass to von dem Borne in charge of Captain Briand, of the French line of steamers from New York. Mr. Blackford delivered 40 bass, March 26, on the steamer with orders to leave them at the Havre Aquarium subject to order of von dem Borne. Unfortunately the fish all died at sea in transit.—C. W. S.