## NOTES ON THE FISHERIES OF THE PACIFIC COAST.

The result of this venture is thus described in the Examiner of June 10;

"The fish war which has been agitating the local fishermen for the past ten days is now over for the present. Capt. D. Johnson, of the schooner Elmood, who canno down from the northern waters with a cargo of hallbut, has sold out, and it will be five or six weeks before he will be back with mother load. When the Elmood's cargo arrived hallbut was retailing at 25 cents a pound, and it was scarce at that. Captain Johnson offered to sell all his fish to the Fishermen's Union at a very small price, but they would not accept it, and the captain opened up a fish market on the deck of the schooner, selling retail at 5 cents a pound. He kept two men hasy cutting up the fish for customers, and in five days the whole cargo of 75,000 pounds was sold. When the Italian fishermen heard the Elmood was coming with a cargo of ballbut they informed the enstants officials that the schooner was coming down the cost with opinm. That information was sent to the sound, and when the Elmood was passing Cape Flattery a revenue entter overhanded her, but only lish and tee were found on board. When the taking an impact was sent to her at once, but he bonght the largest lish he could lind and took it home for his own table. None of the fish-dealers dared handle the hallbut for fear of being boycotted by the local men, and Captain Johnson was forced to open a market or they the fish everyla.

"As soon as he began to sell the local men got into their boats and every net in San Francisco was set for fish. They hoped to make a good catch and glut the market, but luck was against them and they returned almost empty. There was consequently a big demand for hallbut, and now the schooner is cleared of her cargo. The local dishermen say that another cargo shall not be sold in San Francisco."

Paralichthys californicus. Halibut. Commonly sold under the name of halibut. Psettichthys melanosticius. Sole. Only a few seen.

Pleuronectes stellatus. Flounder. This was the most abundant and constant dounder in the markets. Enormous quantities were observed only 6 or 7 inches long. The largest weighed about 15 pounds. Much the largest part of the flutfishes which reach the San Francisco markets is caught by steam vessels tishing with paranzellas off the month of Drake Ray.

In addition to fish proper, a very extensive trade is done in other fishery products in the San Francisco markets. In fact, the value of the mollusks, crustaceans, and reptiles which enter into the fish trade of the city is greater than that of the fish. The following products, which constitute all the principal economic aquatic objects additional to fish, were observed in the markets in greater or less abundance:

## MOLLUSKS.

Ommastrephes tryoni. Squid. Consumed chiefly by the Chinese, although also eaten by natives of southern Europe. On one occasion a Portuguese woman was seen to take a small fresh squid from a counter, bite off its head, and devour it with apparent gusto!

Octopus punctatus. Octopus; Devil-fish. Usually exposed for sale by suspending from hooks in the stalls or at the doors of markets. Eaten by Chinese.

Ostrearufa. Natire Oyster; California Oyster. Sells for \$3 to \$4 per bushel. The flavor is "coppery," and the oyster can not be relished by one not accustomed to it.

Ostrea virginica. Eastern Oyster. The annual sales are over 100,000 bushels, valued at about \$4 per bushel. The supply comes from San Francisco Bay, and depends wholly on seed and plants brought from the East.

Tapes staminea. Hard Clam. Mya arenaria. Soft Clam. Modiola capax. Mussel.

## CRUSTACEANS.

Cancer magister. This was the only erab seen in the markets. It weighs from 1 to 4 pounds, the sverage being 14 or 2 pounds. Next to oysters, it is the most valuable of the invertebrate products. The annual sides amount to 1,200,000 to 2,000,000 crabs, having a value of 5 to 7 cents each. The supply is largely from San Francisco Bay.

Panulirus interruptus. Crawfish; Lobster. Reference to the spiny lobster will be found in a separate chapter. The name crawfish, by which this is often called, is an unfortunate misnomer.

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