

The *Oregonian* of June 19 stated in regard to the crawfish trade of that city:

The first shipment of big crawfish from down the river was received here yesterday, and some of them were whoppers, at least 6 inches in length. They look more like young lobsters than ordinary crawfish. There is quite a demand for these crustaceans, now that the Americans have begun to learn what the French and Germans have long known—that they are delicacies. There is no end of them in the Colusa and Willamette, where they grow to large size, and smaller ones are found in nearly every stream in the State. Quite a business is done by several persons in shipping cooked and spiced crawfish to San Francisco, where there is a great demand for them, and they are now found regularly on the bill of fare at a number of restaurants. It is not likely that there will ever be so many millions of dollars in the crawfish fishery as in the salmon, or even in the sturgeon and shad, but it can be made to yield a profit to many fishermen.

Mr. A. B. Alexander, of the Fish Commission steamer *Albatross*, found that in 1893 the quantity of crawfish received by Portland dealers was 25,000 dozen, with a value to the fishermen of \$3,000, or 1 cent each.

#### FISHES OF MONTEREY BAY AND VICINITY.

The mounted collection of fishes of Mr. B. C. Winston, of Pacific Grove, has already been referred to. The collection is interesting in that it is a fair representation of the fish fauna of a definite part of the coast, being made up from specimens drawn almost exclusively from the immediate vicinity of Monterey; that is, from Monterey Bay and the adjacent ocean. Mr. Winston has courteously supplied a list of the fishes, which discloses some interesting species and seems worthy of presentation.

*Polisotrema stouti*. Hagfish.  
*Heptanchias maculatus*. Seven-gilled shark.  
*Catulus uter*. Pillory shark.  
*Triakis semifasciatus*. Leopard shark.  
*Carcharias glaucus*. Blue shark.  
*Alopias calpes*. Thresher shark.  
*Lamna cornubica*. Mackerel shark.  
*Squalus acanthias*. Dog shark.  
*Rhinodotus productus*. Shovel-nose shark.  
*Raja inornata*. Skate.  
*Raja stellulata*. Skate.  
*Myliobatis californica*. Stingray.  
*Alepidosaurus borealis*. Lance-fish. Rare.  
*Synodus luciocephalus*. Lizard-fish.  
*Ereosodus californicus*. Flying-fish.  
*Siphonotoma californicum*. Pipefish.  
*Hippocampus ingens*. Sea-horse. Rare.  
*Sphyrna argentea*. Barracuda.  
*Scorpaenopsis*. Mackerel.  
*Sarda chilensis*. Skipjack.  
*Trachurus picturatus*. Horse mackerel.  
*Seriola dorsalis*. Yellow-tail.  
*Girella nigricans*. Kingfish.  
*Ditrema laterale*. Blue perch.  
 ———— Surf fish.  
*Cantolattus princeps*. Whitefish.  
*Hexagrammus decagrammus*. Sea trout.  
*Ophiodon elongatus*. California cod.  
*Anoplopoma fimbria*. Black cod.

*Sebastes paucispinis*. Bocaccio.  
*Sebastesichthys flavidus*. Yellow-tailed rockfish.  
*sinuatus*. Basher.  
*ruber*. Red rockfish. Very rare.  
*constellatus*. Spotted corsair.  
*maliger*.  
*nebulosus*. Garrupa.  
*sericeps*. Treenish. Not common.  
*nygrocinctus*. Black-banded rockfish.  
 One specimen.  
*goodii*.  
*Sebastesichthys alascanus*. Alaska rock-cod. Very rare. Two specimens.  
*Icelinus quadrisetatus*. Sculpin.  
*Enophrys bison*. Scorpion-fish.  
*Nautichthys oculofasciatus*. Sculpin. Four specimens.  
*Rhamphocottus richardsoni*. Ramfish.  
*Porichthys margaritatus*. Midshipman.  
*Neolithinus sativus*. Batfish. Rare.  
*Clinus eridus*. Blenny.  
*Xiphister mucosus*. Blenny.  
*Cebedichthys marmoratus*. Crested blenny.  
*Anarrichthys ocellatus*. Wolf-fish.  
*Micropogonias proximus*. Tomcod.  
*Hippoglossus hippoglossus*. Halibut.  
*Lepidopsetta bilineata*. Solo.  
*Pleuronectes stellatus*. Rough-jacket flounder.