

At the invitation of Mr. John P. Babcock, chief deputy of the California Fish Commission, I accompanied him and Mr. Wilson, of the fishery protective force, on an official trip in the commission's launch, to the important fishery districts lying between San Francisco and the upper part of the delta of the Sacramento and San Joaquin rivers. I left San Francisco on June 8 and returned June 10, passing the whole of the intervening time in a very interesting and helpful sojourn in the waters named.

The route from San Francisco lay north, past the fishing station of Messrs. Lynde and Hough, in Marin County, and the Chinese fishing-camps, in Marin and Contra Costa counties. San Pablo Bay, Carquinez Strait, and Suisun Bay were then traversed, all of these being important fishing-grounds for salmon, shad, and striped bass. Late in the evening the San Joaquin River was entered and a stop was made for the night at Antioch. Next day a short visit was first paid to Collinsville, on the Sacramento River, where I attended the trial of some gill-net fishermen arrested for violation of the State law prohibiting the setting of gill nets so as to obstruct more than one-third the width of a stream. Although the evidence of an infraction of the law was indisputable, the jury failed to convict, being evidently impressed with the recent decision of a local justice that the law is ambiguous and that the words "more than one-third across the width" of a river may involve the distance between two remotely distant points on opposite sides of the river! During the remainder of the day, the launch cruised through the numerous sloughs intersecting the interesting tule lands of the delta of the Sacramento and San Joaquin rivers, these being the favorite spawning-grounds for shad and striped bass, as well as important fishing-grounds for them and salmon. The forenoon of the following day was spent in the same region, and in the afternoon I returned to San Francisco.

A visit occupying parts of two days (June 12 and 13) was made to Monterey and Pacific Grove from San Francisco. Monterey Bay represents the southern limit of the distribution of the salmon, shad, and striped bass, and is additionally interesting because of the Chinese and other important fisheries there carried on. At El Monte, Mr. B. C. Winston has shown commendable enterprise in bringing together and arranging for exhibition a magnificent mounted collection of the marine algae of the Pacific coast which has been admired by students of this branch of botany. Mr. Winston has also arranged in a large private exhibition hall many of the rarer and more attractive fishes of that part of the Pacific coast, including sharks, skates, and other large species.

At Pacific Grove, situated at the southern side of the entrance to Monterey Bay, the summer biological school of the Leland Stanford Junior University has been established. This, at the time of my visit, was in charge of Dr. Oliver P. Jenkins, the professor of physiology in the university, by whom the purposes and plans of the school were courteously explained. This is generally conceded to be the best site on the west coast for a biological laboratory. It is located somewhat like Woods Hole with respect to the distribution of the fauna of the northern and southern parts of the coast. The buildings are placed on a rocky bluff at the extremity of the point of land marking the division between the ocean and Monterey Bay. On the rocks at the very doors of the laboratory anemones, echini, mollusks, and other invertebrates can be gathered without the use of apparatus, while the water in the immediate vicinity teems with a great variety of fish and other marine forms of animal life. I was informed by Dr. Jenkins that the university authorities are very desirous that the U. S. Fish Commission shall be represented at the laboratory. There are certainly

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