

est plankton stages of oyster-larvæ with culture slages and through these back to the egg. Larvæ by the million were reared in beakers of sea-water at a temperature little above 20° C. and with a specific gravity (salinity) varying somewhat under 1020. I also carried Caraquette oysters to Malpeque and raised up larvæ from eggs cross-fertilized between two such obviously different varieties as the small, narrow, curved, thick, hard and heavy Caraquette oyster and the fine, large, broad, straight, clean, smooth specimens from the Curtain Island beds.

In 1896 and again in 1905 the Canadian Government had Atlantic oysters transshipped to the Pacific and put out at selected places. In the latter year some of the places were chosen by Captain Kemp, expert in oyster culture.

Being occupied this summer at our Pacific Biological Station, I have taken advantage (although not requested to do so) of my proximity to three of these places to search for the transplanted Prince Edward Island oysters, and to examine plankton taken in the vicinity. At the first place, Hammond Bay, being a small bay and close to land, I could easily over-run all the beach at low water, and soon discovered the dead shells that had been deposited too far above low-water mark. At Nanoose Bay, some twelve miles away, perhaps five miles long and a mile and a half wide, with extensive flats at low tides, this was not so easily done. Having spent three summers with Captain Kemp, I thought now to test my judgment of where he would select to deposit the oysters. As the tide was unfavorable at my first visit I used the dredge, and was afterwards surprised to learn that I had actually calculated to within a few rods of the place. At the second visit I went to look at other parts of the bay, but on the third returned and, with a favorable tide, could wade and pick up some of the oysters. This was at 3 P. M., July 17, and I took 16 fine living specimens of the Malpeque oyster for examination—two or three of them with pieces of Prince Edward Island red-sandstone still