

**82.—NOTES ON THE PACIFIC COAST TRADE IN SHELLS, SHRIMPS,
COD, AND SALMON.**

By WILLIAM H. DALL.

Exports by sea from San Francisco, Cal., during the year 1882.

Destination.	Haliotis shell.	Pearl oyster.	Other shells.	Dry shrimps and shrimp shells.	Cod.	Salmon.
	<i>Sacks.</i>	<i>Barrels.</i>	<i>Packages.</i>	<i>Packages.</i>	<i>Packages.</i>	<i>Packages.</i>
Australia					8,057	53,254
British Columbia					582	
Cape Town, South Africa						700
China	1,116			9,611	941	486
England	2,982	563	49			58,705
Germany	50					
Hawaiian Islands	65			8	1,486	7,063
Japan					128	192
Mexico					272	359
New York	425		2			13,772
New Zealand						7,560
South America				99		40
Other countries					231	5,142
Total	4,638	563	51	9,718	11,697	147,273

The above table is compiled from data scattered through the Annual Market Review, San Francisco, January, 1883. The value of the Haliotis pearl shells (*abalones*) was \$23,455, a slight increase over 1881. The value of the salmon is given as \$794,593, though, owing to the existence of a few misprints, the collected details as printed sum up rather less. From 1870 to 1882, inclusive, the period covering the Californian canned salmon industry, 1,726,832 packages, of two dozen cans each, have been exported by sea from that State, valued at \$9,993,211.

Of cod, 709,000 came from Siberian and 577,000 from Alaskan waters.

Entire accuracy cannot be and is not claimed for these figures.

Exports by rail are not included. Over 10,000 pounds of Haliotis shells went east by rail in the last month of 1882.

The dry shrimps are caught in nets, dried on a mat over a fire, thrashed, winnowed, and put up in packages by the Chinese in California. The meats are used as food, the shells as a very potent fertilizer. The latter all go to China, but the Chinese in the Sandwich Islands and South America import a small amount of the dry shrimp meats from San Francisco.

The Haliotis is *H. rufescens* and *H. cracherodii* chiefly, known locally as "abalones," a corruption of the Spanish "orejones," sea ears.

The pearl oyster is the *Meleagrina californica* Gr., and comes from Lower Californian waters solely—mostly from the Gulf of California. Other dry shells are exported for ornamental purposes, some being pearly and others merely used in shell-work, &c.