

gill nets, and the chinook is by far the most valuable species taken in the pounds. More bluebacks than chinooks, however, are secured in pound nets some seasons, the yield of the former usually being larger than in any other forms of nets except wheels. The catch of steelheads is always larger in pound nets than in other appliances.

The quantity of salmon taken with seines is less than with any other important form of apparatus. The number of seines used is relatively small, and the investment in this kind of fishing apparatus is insignificant compared with that in gill nets, pound nets, or wheels. In ordinary seasons more chinooks than any other species are caught in seines, although in seasons when there is a particularly heavy run of bluebacks in the river, as, for instance, in 1892, the catch of bluebacks is largest. The number of seines used on the Columbia is usually about forty, most of which are operated in the lower river near its mouth.

The following figures represent the results of a seine fishery in the lower Columbia in 1892, 1893, and 1894, the record for the last year being incomplete. In the first year the fishing season was from April 20 to August 11. In 1893 seining operations did not begin till June 30. The figures are given to show the variations in the catch of different species from month to month and the relative quantities of each taken by this means. The catch of this seine is larger than the average for the river, being 124,353 pounds in 1892 and 66,673 pounds in 1893.

*Statement of the daily catch of chinook, steelhead, and blueback salmon in a seine fished at Brownsport Sands, opposite Pillar Rock, Columbia River; in 1892, 1893, and 1894 (to June 1).*

Date.	1892.			1893.			1894.		
	Chinooks (pounds).	Blue- backs (pounds).	Steel- heads (pounds).	Chinooks (pounds).	Blue- backs (pounds).	Steel- heads (pounds).	Chinooks (pounds).	Blue- backs (pounds).	Steel- heads (pounds).
April 20.....	501	650	.....	.....	.....	.....	.....	.....	.....
22.....	452	285	.....	.....	.....	.....	.....	.....	.....
25.....	407	211	.....	.....	.....	.....	155	120	49
26.....	340	101	.....	.....	.....	.....	.....	.....	.....
27.....	.....	.....	.....	.....	.....	.....	123	67	17
28.....	670	279	.....	.....	.....	.....	.....	.....	.....
29.....	312	290	.....	.....	.....	.....	.....	.....	.....
30.....	788	304	.....	.....	.....	.....	.....	.....	.....
Total.....	3,470	2,073	.....	.....	.....	.....	278	187	66
May 3.....	319	373	.....	.....	.....	.....	218	96	96
4.....	694	671	.....	.....	.....	.....	.....	.....	.....
5.....	1,997	635	.....	.....	.....	.....	47	.....	.....
6.....	791	115	.....	.....	.....	.....	295	.....	96
7.....	1,035	1,004	.....	.....	.....	.....	.....	.....	.....
8.....	.....	537	.....	.....	.....	.....	76	121	8
9.....	629	.....	.....	.....	.....	.....	129	460	16
10.....	1,144	1,052	.....	.....	.....	.....	185	616	.....
11.....	1,734	1,929	.....	.....	.....	.....	269	544	27
12.....	1,413	1,704	.....	.....	.....	.....	137	516	.....
13.....	958	1,527	.....	.....	.....	.....	.....	.....	.....
14.....	4,197	2,711	.....	.....	.....	.....	.....	.....	.....
15.....	.....	.....	.....	.....	.....	.....	327	912	44
16.....	623	244	.....	.....	.....	.....	196	1,052	.....
18.....	402	278	.....	.....	.....	.....	398	752	71
19.....	378	218	.....	.....	.....	.....	411	270	15
20.....	401	596	.....	.....	.....	.....	.....	.....	.....
21.....	1,138	597	.....	.....	.....	.....	169	94	17
23.....	365	47	.....	.....	.....	.....	109	.....	118
24.....	730	58	.....	.....	.....	.....	.....	.....	.....
25.....	789	119	.....	.....	.....	.....	.....	.....	.....
27.....	.....	.....	.....	.....	.....	.....	299	94	35
28.....	227	22	.....	.....	.....	.....	.....	.....	.....
Total.....	16,354	14,254	.....	.....	.....	.....	3,238	5,553	543
June 7.....	160	36	.....	.....	.....	.....	.....	.....	.....
9.....	473	30	61	.....	.....	.....	.....	.....	.....
10.....	1,019	62	54	.....	.....	.....	.....	.....	.....
11.....	473	113	62	.....	.....	.....	.....	.....	.....