



Birch Bay 2008 Clam Survey Results

The Birch Bay clam surveys were conducted on August 2nd, 2008. Forty-six volunteers assisted with the survey covering twelve transects. The transects began just northeast of Birch Bay State Park and were sited every ¼ mile around the Birch Bay shoreline to just east of the Birch Bay Village marina.



Transects ran from the upper part of the beach where clams were first found to the water line at the low tide (-1.8 ft). Sample holes were situated every 100 feet along the transects, and transects ranged in length from 1,100 ft. to 5,000 ft.

The table and chart below provide a description of the types and numbers of clams that were found at each transect and overall.

Table 1. Number of clams by species surveyed on August 2nd, 2008 in Birch Bay.

Transect	Varnish	Manila	Native Littleneck	Macoma ssp.	Cockle	Butter	Eastern Softshell	Horse
1	0	16	2	36	2	0	0	3
2	13	1	1	2	1	0	0	0
3	0	0	4	0	1	0	0	4
4	150	4	1	0	0	1	4	0
5	83	0	0	2	0	0	1	1
6	43	0	0	0	0	1	0	3
7	100	0	0	21	0	1	0	0
8	316	11	0	22	5	0	15	3
9	391	7	0	23	0	0	0	0
10	365	0	0	7	0	0	0	0
11	2	1	2	14	2	0	0	0
12	0	0	0	0	2	0	0	0
Total	1463	40	10	127	13	3	20	14

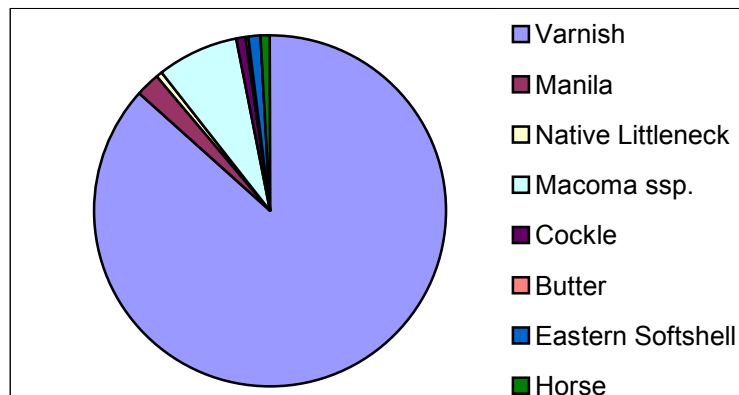


Figure 1. Proportion of different clam species surveyed on August 2nd, 2008 in Birch Bay.