



Point Roberts 2006 Clam Survey Results

The Point Roberts clam surveys were conducted on August 8th, 2006. Sixteen people assisted with a total of 13 transects, which took place on two very different beaches in Point Roberts. On the northeast side of Point Roberts extensive, sandy tidflats were surveyed at Maple Beach. On the southwest side of Point Roberts short, high-energy beaches, composed of cobble, pebbles and sand, were surveyed at Lighthouse Marine Park.



Transects ran from the upper part of the beach where clams were first found to the waterline at low tide (-2.5 ft.). At Maple Beach transects started near the international border and were located a distance of 800 feet apart. Transects 2, 4, and 6 ranged from 2,000 feet to 3,000 feet with 20 to 30 sample holes.

At Lighthouse Marine Park transects were sited 400 feet and spanned the entire shoreline of the park from the south side to the west side. Transects at Lighthouse Marine Park ranged 120 feet to 160 feet with 3 to 5 sample holes.

The tables and chart below provide a description of types and numbers of clams found at each transect.

Table 1. Number of clams by species surveyed on August 8th, 2006 on Maple Beach, Point Roberts.

Transect	Horse	Varnish	Manila	Native			Butter	Eastern		Total Clams
				Littleneck	Macoma	Cockle		Softshell		
2	0	402	0	0	0	0	0	0	402	
4	0	215	6	0	3	3	0	0	227	
6	0	83	1	0	3	2	0	3	92	
Totals	0	700	7	0	6	5	0	3	721	

Table 2. Number of clams by species surveyed on August 8th, 2006 in Lighthouse Marine Park, Point Roberts.

Transect	Native						Eastern		Total Clams
	Horse	Varnish	Manila	Littleneck	Macoma	Cockle	Butter	Softshell	
7	0	1	0	1	0	0	6	0	8
8	1	0	0	2	0	0	1	0	4
9	0	0	0	0	0	0	0	0	0
10	0	1	0	2	0	0	10	0	13
Totals	1	2	0	5	0	0	17	0	25

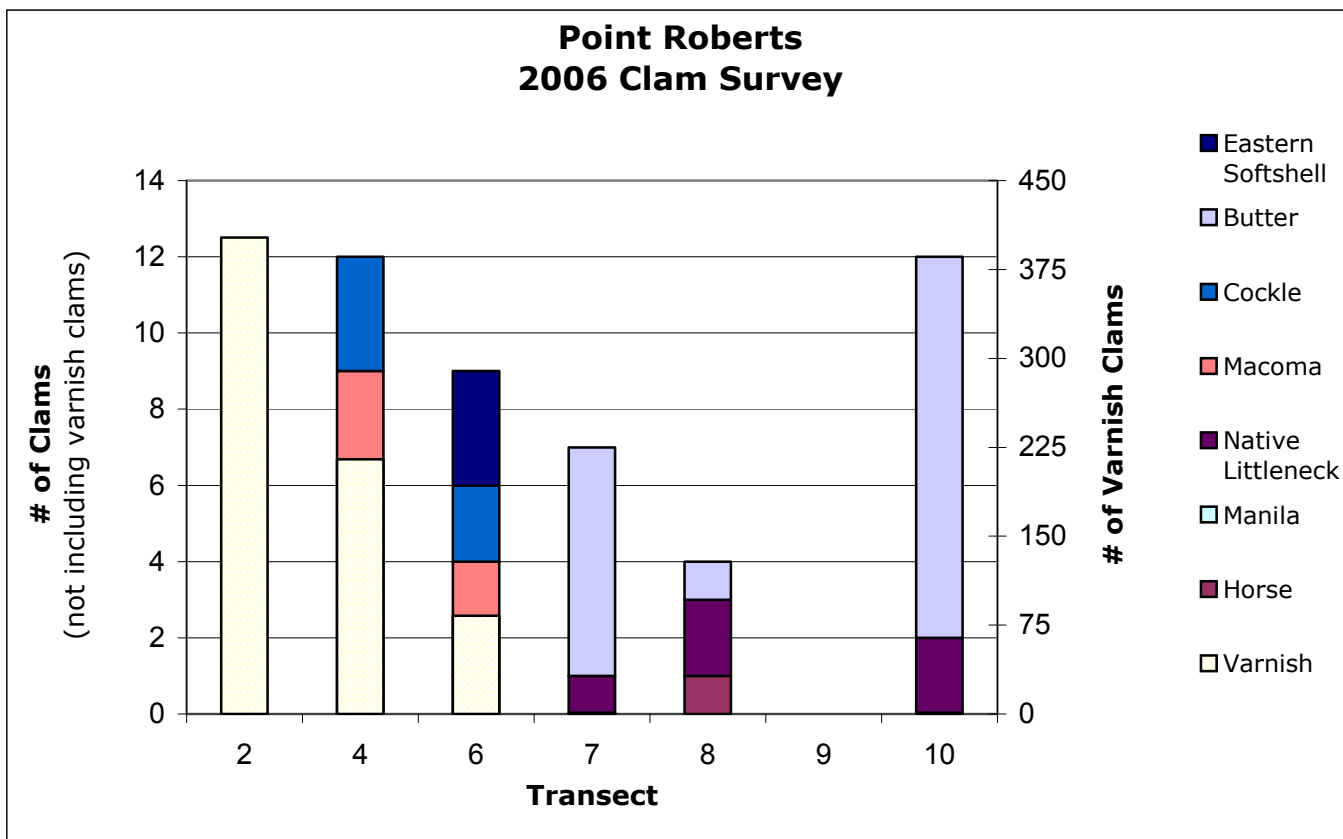


Figure 1. Proportion and number of clams found during surveys in Point Roberts on August 8th, 2006. Right axis represents number of varnish clams, while the left axis represents all other species of clams documented.