



Lily Point 2009 Clam Survey Results

The Lily Point clam survey was conducted on July 21st, 2009. Thirty-three volunteers assisted with the survey covering sixteen transects. The transects began at the north end of Lily Point Marine Reserve and were sited every 400 ft. along the shoreline south around the point to the southwest edge of the Reserve.

Transects ran from the upper part of the beach where clams were first found to the water line at low tide (-3.1 ft). Sample holes were situated every 40 feet along the transects, and transects ranged in length from 200 ft. to 1,040 ft.



The table and charts below describe the types and numbers of clams that were found at each transect and overall.

Table 1. Number of clams by species as surveyed on July 21st, 2009 at Lily Point.

Transect	Varnish	Manila	Native Littleneck	Macoma ssp.	Cockle	Butter	Eastern Softshell	Horse	Piddock	Total Clams
1	0	1	0	0	5	1	0	0	0	7
2	9	0	0	0	0	0	0	0	0	9
3	0	0	0	0	1	0	0	0	0	1
4	32	0	1	1	2	0	0	0	0	36
5	43	1	6	13	7	6	5	0	0	81
6	2	0	0	2	2	0	0	1	0	7
7	5	0	4	1	2	0	0	1	0	13
8	0	0	0	1	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	5	0	5	0	0	0	0	0	0	10
12	0	1	3	2	0	0	1	0	0	7
13	2	0	2	0	2	0	0	0	0	6
14	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	2	2
16	0	0	0	0	0	0	0	0	0	0
17	6	0	14	41	0	127	0	12	0	200
Totals	104	3	35	61	21	134	6	14	2	380

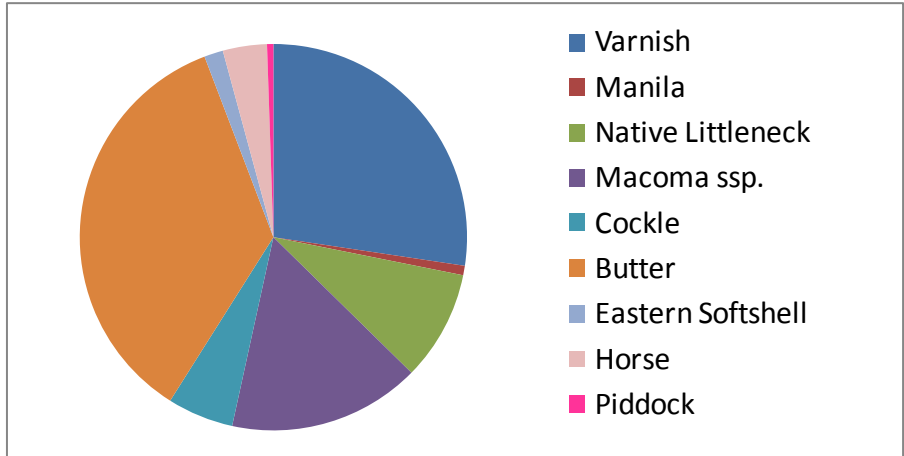


Fig. 1. Proportion of different clam species as surveyed on July 21, 2009 at Lily Point.

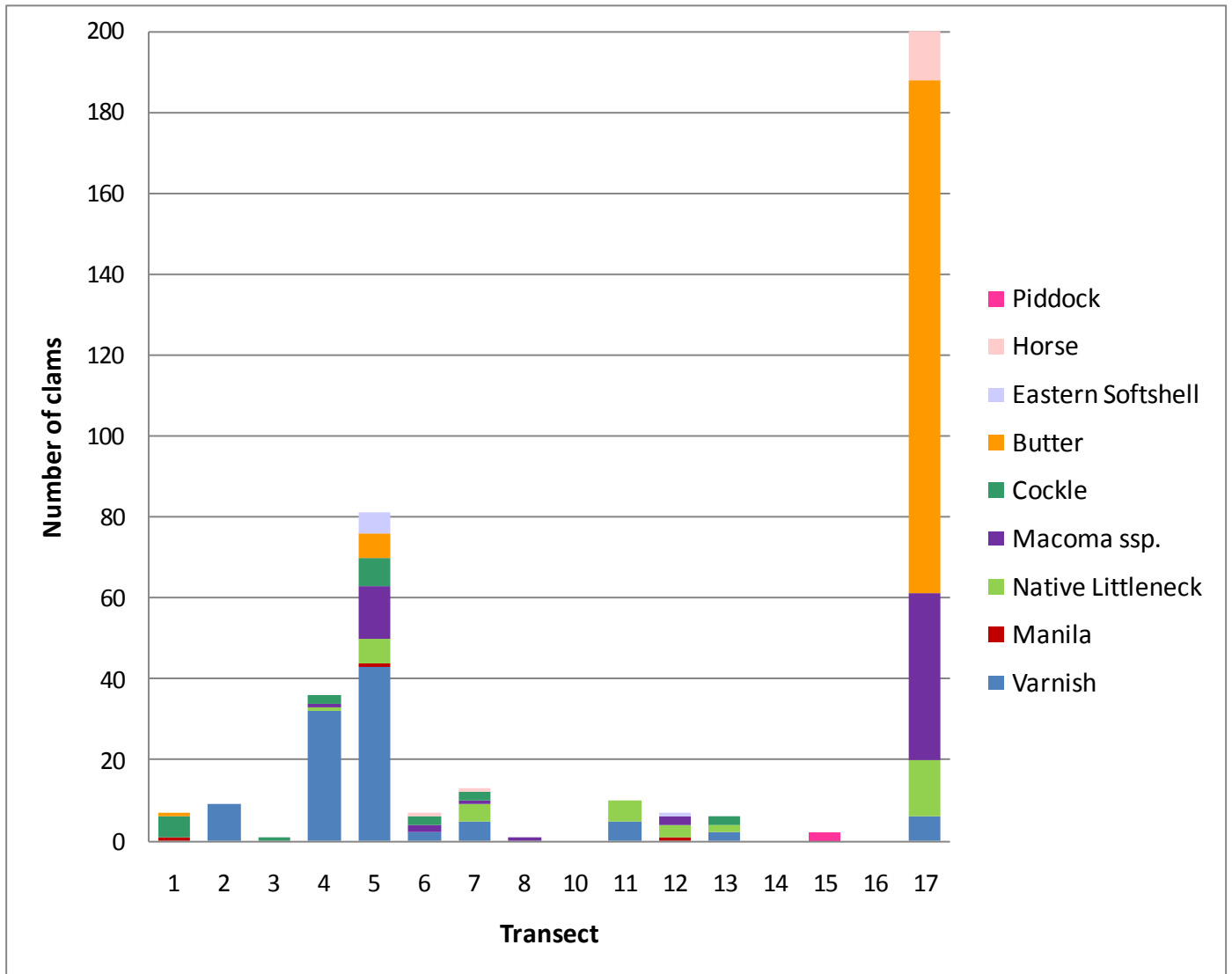


Fig. 2. Abundance of clam species by transect, as surveyed on July 21, 2009 at Lily Point.