



Mud Bay 2008 Clam Survey Results

The Mud Bay (northern extent of Chuckanut Bay) clam surveys were conducted on August 16th, 2008. Twelve volunteers assisted with the survey covering six transects. The transects began near the railroad trestle on the west side of the bay and were sited every 1/8 mile around the shoreline to just northeast of Chuckanut Creek.



Transects ran from the upper part of the beach where clams were first found to the water line at the low tide (-1.0 ft). Sample holes were placed every 40 feet along the transects, and transects ranged in length from 200 ft. to 960 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 August 16th, 2008 in Mud Bay.

| Transect | Varnish | Manila | Native Littleneck | Macoma ssp. | Cockle | Butter | Eastern Softshell | Horse |
|---------------|------------|------------|-------------------|-------------|----------|-----------|-------------------|-----------|
| 1 | 86 | 0 | 2 | 6 | 0 | 0 | 3 | 0 |
| 2 | 11 | 21 | 21 | 16 | 6 | 7 | 9 | 2 |
| 3 | 3 | 56 | 45 | 114 | 1 | 11 | 7 | 2 |
| 4 | 2 | 91 | 36 | 35 | 1 | 0 | 4 | 6 |
| 5 | 5 | 41 | 1 | 38 | 0 | 0 | 9 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals | 107 | 209 | 105 | 209 | 8 | 18 | 32 | 10 |

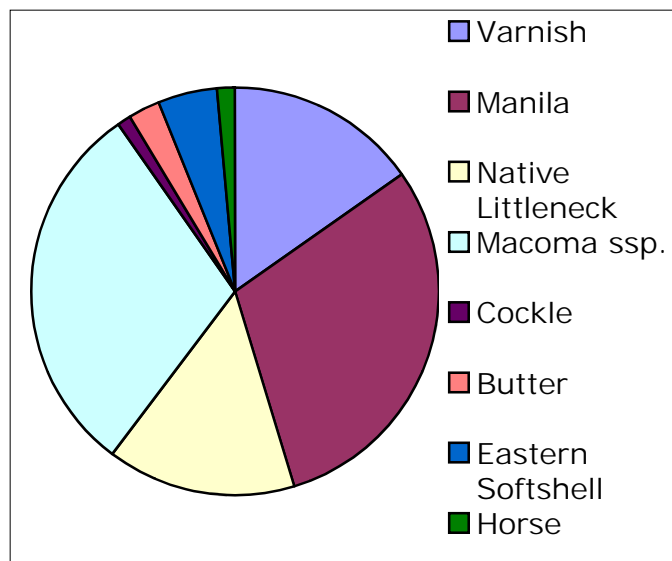


Figure 1. Proportion of different clam species surveyed on August 16th, 2008 in Mud Bay.