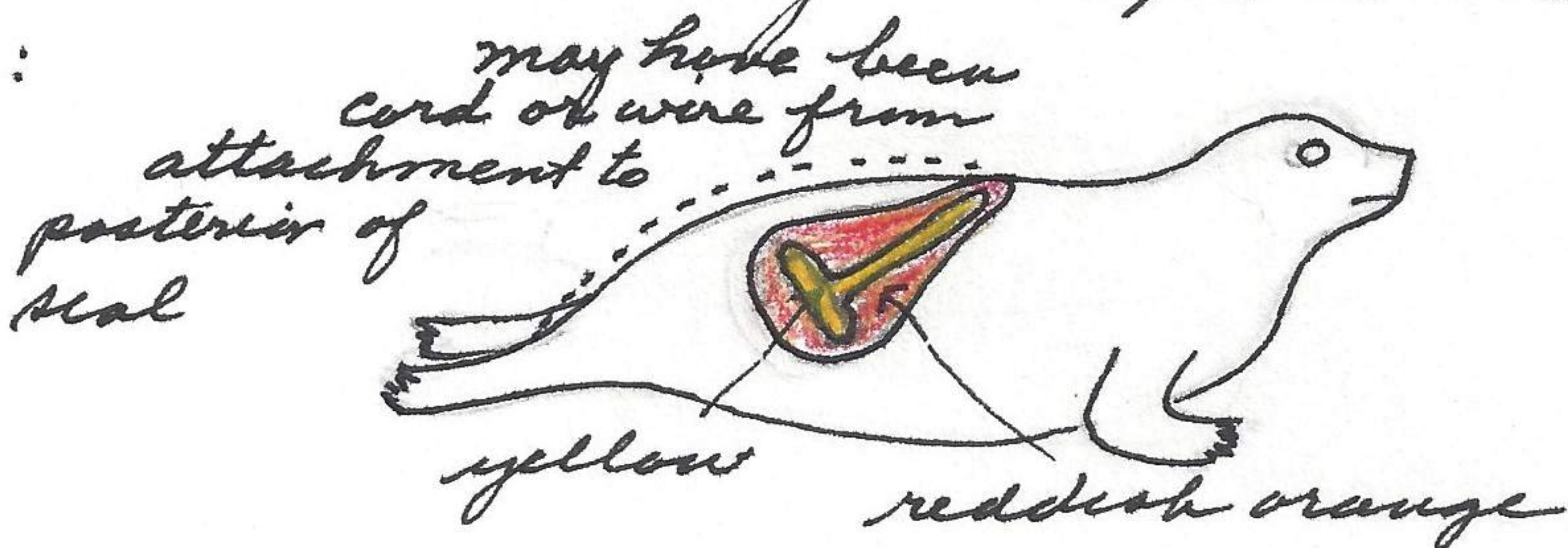


Female harbor seals preparatory to giving birth were characterized by twisting and turning with abrupt movements and showed considerable more activity than the rest of the seals who were passive, except of course, the females which were defending afterbirth and their young. Another group¹⁰⁰ of Calif. sea lions 300' from birthing area on racks to N. They called continuously. Of the harbor seals the pelage varied from almost white, to yellow, to black to light to heavy spotting to blacked from one part of the body to another as if hybrid in nature. As far as I could ascertain only females and their young were on the sands of the birthing area. Both ♂ + ♀ Calif. sea lions shared the same resting areas. Did not see northern sea lions. Birds petrel, 12 red-throated loons, 13 gulls, 15 northern phalarope, ^{8 acoters,} 2 pigeon guillemot, ^{6 black brant} and other kinds of small birds passing N. This vantage point would make a good spot to check migrating birds. There is an unusual number of them here. One large California sea lion came to edge of beach where harbor seals were birthing and after approaching within 10 feet of harbor seals turned around and left. There was one harbor seal on sands where birthing took place which was marked thus:

There appeared to be a cord or wire running posterior from attachment of the marker to posterior end.



At Shore Acres at botanical garden took photo of surf action no 820507-1. There is an interesting tilted bed with surf^{out} of stratification of bomblike concretions. At Cape Arago observed a wandering tattler. 769.9 Turkey^{west} vulture on shortcut road to Bandon which is the farthestⁱⁿ incorporated city in the U.S. Bandon is where I made my first contact with the Pacific Ocean as a young boy travelling with mil and Cully Culbertson. Residential areas now black off approach to the Bandon Point and other houses are commanding the area up to the edge of the cliffs. It should have been made into a national monument long ago. It is now permanently defaced. Southern part of Oregon more advanced than northern