

10:55 On Leo Reef are 16 harbor seal, 8 double-crested cormorants and 3 glaucous-winged gulls.

11:25 A.M. On Leo Reef 16 harbor seal, 7 double-crested cormorant and 4 glaucous-winged gulls. Three of the seal measured 13, 10, 17 micrometer units in total length (nose end hind feet).

12:35 P.M. On Leo Reef, 27 harbor seal, 8 double-crested cormorants and 12 glaucous-winged gulls.

Average number boat in traffic zone 30 per hour (20-45).

1:25 P.M. 2 Townsend chipmunks relating copulation acts.

1:40 P.M. Left Bee House to check Humphrey Head. mule deer at Simmons entrance also American robin. Continued to turn off road to flat ^{at} base of NW Quarry. Adult ♂ mule deer and 1 American robin here. Now down road to W. 150' beyond 2 American robins. 200' beyond last entry 2 young robins. Road now switchback to no, thence left to bottom at flat of quarry.

Photo 860714-1 From S to N showing profile of cliffs

" 860714-2 " " " " " " " "

2 Turkey vultures passed S at mid height of cliffs.

3 pigeon guillemots in Shoal Bay along shoreline opposite flat area.

Photo 860714-4 Douglas fir growing out of cliffs, yellow flowers associated. 4 Turkey vultures used N side ridge to gain top of Humphrey Head by circling upward. Violet-green swallows passed 1 per 3 minutes. Larming needles along shoreline, 3 crows flew N top quarry, Douglas fir invading flat from N edge quarry. High water has placed windrows of drift wood on flats except N end, 1 robin. Left and followed road trail back to road thence N & W to top of NW Quarry. From top recorded 9 photos of environs of the quarry on NE Humphrey Head.

860714-5 To N showing lower slopes of quarry

860714-6 " " " upper slopes " "

860714-7 " " " " " " " and Shaw's Orcas islands beyond and ferry in background

860714-8 " " " " "

860714-9 " " " " "

860714-10 " " showing point

860714-12 Top to S

860714-13 " to N

860714-14 " " N,

An osprey flew S at same level as Turkey vulture. A red-tailed hawk circled 2 minutes at N point without movement except for maintaining balance, then moved S.

Returned to Bee House at 7:00 P.M.