

6:45 P.M. ^{adult} 73 glaucous-winged gulls on Flower Island, 9 of them on nests, 1 pair copulating. 18 on Leo Reef all adults. no gulls on water or in air. Also 14 crows on Flower Island, when one finds food all crows chase it in flight.

7:00 P.M. 3 boat travelling S. 16 boats Spencer Spit.

June 29, 1987

8:00 A.M. no boats on ferry route.

9:40 A.M. Sister ^{a mule deer} at feeder, 26 1/2", a good measurement.

9:50 A.M. Photos of Sister Grotto Ridge + Double Fir.

. 870629-1

. 870629-2

10:00 AM - 12:30 P.M. Hike from Bee Estate, shortcut across ridge to old logging trail, thence N to trail leading down base quarry on NW side Humphrey Head and then return same route. Birds observed:

- 5 dark-eyed juncos (all census one way)
- 3 northern violet-green swallows
- 1 great blue heron, S end Shoal Bay.
- 4 crows S end Shoal Bay
- 5 glaucous-winged gulls S end Shoal Bay
- 4 robin, one ^{old} nest 6' high in Douglas fir. 80' N on lower trail of first divergent trails
- 1 Townsend chipmunk at Flat Trail (crest of trail) below Witcocks
- 1 swallow-tailed butterfly
- 2 white admiral

Insects rare on Humphrey Head. The following insects collected were the only ones available in 2 1/2 hrs trip.

870629-4 bumble bee

870629-5 hymenoptera

870629-6 "

870629-7 diptera

870629-8 "

(mixed Conifer - deciduous trees)
These flies are in trail, where localized sun spots shine on trail. They hover in relatively same spot and share territories with 3-5 other diptera of same species. When one moves into other territories there is a general confusion.

1:00 P.M. ^{harbor} seal on no 10 rock of Leo Reef.

4:00 P.M. young male 'Bimbam' to feeder. Antlers 3 3/4" long and ends shedding velvet. noted a small horizontal Douglas fir tree at first convergence of logging trail that had recently been used to rub antlers of mule deer.