

they have made runways under rocks, thru dead tree stumps and in fracture systems of cliffs.

7:15 P.M. The following active: Townsend chipmunk, eastern gray squirrel, rufous-sided towhee, dark-eyed junco, song sparrow, and band-tailed pigeon. All birds except band-tailed pigeon, have for at least the last 2 weeks, fed their young at the feeder.

7:20 P.M. A bee remained at hummingbird feeder as 6 hummingbirds fed from same feeder.

July 5, 1986

9:30 A.M. 1 harbor seal <sup>of Leo Reef</sup> Rock no 9; 8 harbor seal <sup>of Leo Reef</sup> Rock no 10; 9 harbor seal on Little Flower Rock; 42 harbor seal on N. Flower Rock, also 42 glaucous-winged gulls on Leo Reef and 25 on upper Flower Island and 19 on base (NW) Flower Island.

10:00 A.M. The tour boat Bonita displaced all the harbor seal on Leo Reef and rock outliers of Flower Island by clapping hands, yelling. They continued S thru Spencer Spit channel. Came within 30' of pullouts.

10:30 A.M. no harbor seals returned to Leo Reef or Little Flower Rock but 23 individuals returned to N Flower Island.

10:31 A.M. a last year young <sup>mule deer</sup> fed at Bee feeder for 1 minute. A ♂ of last year young <sup>arrived and</sup> fed for 1 1/2 minutes. They met, licked each others nose and mouth and face. They were not with a <sup>adult</sup> doe which now has a fawn. There is more and more temporary separation of last years young and their mothers. male of last year with antlers 1" high. Young of last year eating dried leaves of madrona that have fallen from trees.

12:30 P.M. There are 1 cabin cruiser, one sailboat and 1 row boat fishing within 50' of Leo Reef. All mammals and birds displaced.

3:50 P.M. 2 people in dingy (from Spencer Spit) N 1 to within a few feet of reef, for 1/2 hour.

8 rufous hummingbirds at Bee feeder.

4:05 P.M. a ♂ and ♀ of last years young fed at Bee feeder, ♂ fed three minutes, left, returned and fed another minute, then left.

4:30 P.M. a minute after a mule deer left the Bee feeding box (cracked corn) a chipmunk jumped to elevated edge of feeder. at that moment a brown rat came to within 1 foot of Townsend chipmunk and the chipmunk dropped into feeder followed by the brown rat which jumped into the box, charged the chipmunk which left.

While a mule deer was feeding at the Bee feeder, a rat appeared at an underground corridor some 3' away. It reappeared 5 times and on each appearance the deer stopped feeding and watched the rat for 5-20 seconds.