

Bee Estate, Humphrey Head, Lopez Island, San Juan Co., Wa

June 30, 1986

James R, Annette and I to Friday Harbor. River otter swam under ferry landing ^{at Lopez Island}. Left Lopez Island. at Shaw Island ferry terminal, glaucous-winged on nest on top piling (dolphin). Continued to Friday Harbor and returned.

Deer at Bee House ♂, ♀ at feeder averaging 4 times per day.

June 31, 1986

3:00 P.M. 25 harbor seal on Leo Reef.

4:05 P.M. Shark Reef. Specimen 860631-1 *Thamnophis*, 481 mm body, 137 mm tail, 95 gms. From S end 50' inland among shoreline trees in open space. Specimen 860631-2 *Thamnophis* E side Swift Lagoon on Lopez Island. Body 554 mm, tail 152 mm, weight 134 gms. Snakes that are resident on Lopez Island are:

Thamnophis *sirata* Puget Sound red-sided garter snake.

" *elegans* Wandering garter snake.

" *ordinoides* North western garter snake

Charina *bottae* Pacific rubber Boa ?.

2 double-crested cormorant and one black oystercatcher on Deadmans Island.

E end military road, one mule deer with antlers 8".

2 ♂ mule deer in open field S Swift Lagoon, antlers 7" and 8" height (spikes)

8:40 A.M. Humphrey Lagoon, 3 belted kingfishers.

From top NW Quarry on Humphrey Head 1 ad. bald eagle flew N below top (1/3 way down cliff).

July 1, 1986

10:05 A.M. Townsend chipmunk copulating.

♂ Townsend chipmunk chased another chipmunk, sex?, for 150'

♂ dark eyed junco fed brown-headed cowbird 4 times its size.

all young of species observed so far beg for food by extending head and neck forward and flutter their wings. The ♂ junco left the area and young cowbird followed. 4:30 P.M. 2 different Townsend chipmunks copulated with 2 other chipmunks in area.

Rain most of day and no mule deer at feeder. A young cowbird fed on cracked corn 10" from eastern gray squirrel. Dark-eyed junco and rufous hummingbird active at 10:00 P.M. One hummingbird active 9:15 P.M. when light had faded on top Blakely Island. Only one hummingbird active at 9:20 P.M. whereas 3-6 are active during day.