

some with greenish cast.

Leo Reef average 10 harbor seal per day but there are days when there are none.

The glaucous-winged gull call is most frequently heard between 7:00 A.M. and 6:00 P.M.

A ♂ chestnut backed chickadee offered food to ♀ in nesting box. NE corner Bee House. Both sexes out of nesting box at one time. A ♀ left box, flew to an approaching perch and fluttered its wings in presence of ♂.

△ <sup>nesting</sup> violet-green swallow not active at nesting box on Bee House for 5 days. During that time 6 other violet green swallows inspected the box.

Specimen 900501-1, a bumble bee collected in yard among conifers and madrona at Bee House on Lopez Island.

at 12:30 P.M. May 3, 1990

Left Lopez Island by ferry for Chris' home on Last Lake, 4 Canada geese on Saw Lake on Elliott Road nearest Welch Rd. Below Chris on her property elderberry in full blossom, some beyond maximum. On road below her place at lowest level and before turn-around water flow under road 1 gallon per 4 seconds. (Compare with previous water capacity. This whole hillside is wet to damp. Cottonwood leaf 7" wide, 10" long and 1<sup>3</sup>/<sub>4</sub> petiole. Red alder leaf 4" wide, 6" long and petiole 1".

May 5, 1990

Left Chris for Lopez Island. At her home on Last Lake, Snohomish Co., Wa. Collected a bee <sup>insect</sup> with red abdomen, no. 900505-1. At N end Humphrey Head observed 6 pigeon guillemots.

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

May 7, 1990

Mary Pauline Bee hiked the shoreline from Odlin Park to Lopez Village. I accompanied her to Flat Point. Our combined list of birds <sup>and mammals</sup> observed (2 1/2 hrs) is: 1 killer whale, 2 great blue heron, 20 common glaucous-winged gulls and 8 mew gulls, 2 red-necked grebe, 1 golden-eye, 1 bald eagle, 2 mallards, 21 surf scoters, 12 rhinoceros auklets, 13 guillemots, 1 Steller sea lion, 1 river otter, 3 American black oyster-catchers, 16 barn swallows, 18 violet-green swallows, 5 pelagic cormorant.

On my return from Flat Point hike checked causeway SW end of