12:00 A.M. Arctic loon have expanded in all directions from compact organization and are generally distributed every 20'-30' apart.

12:05 A.M. 21 harbor seal and 32 cormorants on Leo Reef.

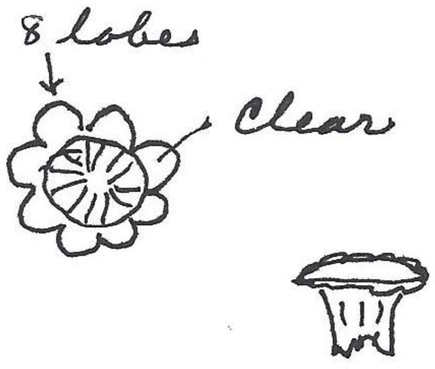
Adult ♀ mule deer & fawn and young ♀ fed after dark.

Water surface in sound SE Bee House mirrorlike all day.

Nov. 4, 1986

Water calm and distance hazy.

7:00 A.M. a jelly fish approx 10" diameter past by Bee House 10' at from shore.



Clear center like color of rotten reddish wood. The jellyfish repeatedly turned over slowly every minute and rode the tide (to n) n at approx 1 foot per second. This jellyfish is Cyanea capillata, Lion's mane.

No birds in sound SE Bee House (to Leo Reef) before 7:00 A.M but move in later. At 9:00 A.M 2 pelagic cormorant, 2 Bonaparte gulls, 1 glaucous-winged gull in front Bee House.

22 surf scoters flew W in single line about 1 foot above water.

4 eastern grey squirrel and 4 Townsend Chipmunks on porch feeder.

Deer tracks (mule deer) at feeder last night measuring 55 mm and 63 mm.

Arctic loon active in sound.

Harbor seal 20' off shore below Bee House.

5 river otter at Richardson Store at S end Lopez Island.

At Swift Bay Low Bank 32 buffleheads.

At E side causeway at S Fisherman Bay Lagoon: 38♂, 34♀ bufflehead ducks, two ♂ fought like roosters, 46 starling in grass E shore, 113 red-breasted mergansers, flock 220 dunlin, 8 black-bellied plover. Dunlin can fly straight, especially in channels but mostly wheeling movement, Thayer gull swam with crab (crab carapace 3½" wide). On W side causeway: 6 ♀ surf scoters, 3 great blue heron,

at Davis and Fisherman road junction; northern harrier in field to NE

At Richardson: 6 horned grebes, 7 bufflehead ducks.

1/10 mi. N Richardson, 18 Canada geese.

Hummel Lake: 22♀ and 2♂ hooded mergansers, 2 bufflehead, 1 American widgeon

Pond SE junction Cross and Stanley roads,